



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000  
TTY 711 or 800-833-6388 (for the speech or hearing impaired)

September 12, 2016

TO: David Schumacher, Director  
Office of Financial Management

FROM: Maia D. Bellon, Director 

SUBJECT: 2017-19 Ecology Operating & Capital Budget Request

As the lead environmental agency in Washington, the Department of Ecology (Ecology) is dedicated to addressing many challenges facing our natural resources. Making smart investments with fewer resources in priority areas is important to both the economic success and environmental health of our state. At Ecology, we are specifically focused on:

- Reducing and preparing for climate impacts
- Preventing and reducing toxic threats
- Delivering integrated water solutions
- Protecting and restoring Puget Sound

Attached are Ecology's 2017-19 Biennial Operating and Capital Budget requests. These budgets were developed recognizing economic recovery is slow and demand on state resources remains high (e.g., funding for basic education from the State General Fund). The requests are supported primarily by dedicated environmental funds, federal funds, and direct charges to customers for services provided, or requested from state bonds for capital projects that:

- Improve water quality
- Deliver water for fish, farms, and people
- Protect the environment, property, and infrastructure from flood hazards
- Address air toxics and public health issues
- Address enterprise risk management priorities
- Protect or restore state owned facilities
- Create jobs

Our budget requests also address the \$78 million shortfall projected for Model Toxics Control Act (MTCA) revenue in the 2017-19 Biennium.

## Operating Budget Request

Ecology's Operating Budget request totals \$6.4 million. This includes a modest increase in support from dedicated environmental funds for investments in:

- Oil spill prevention and response
- Integrated revenue management system
- Litter control and waste reduction
- Water quality management
- Hanford Nuclear Reservation permitting and compliance
- Air quality protection
- Toxics prevention and management

## Emerging Issues for 2017 and 2017-19

*Funding the Oil Spill Programs.* In April 2015, the Governor and Legislature passed the Oil Transportation Safety Act to address rapid changes in how crude oil is moving through rail corridors and over Washington waters, creating new safety and environmental risks. Revenue for some of this work comes from a five cent barrel tax of oil imported into the state by vessel, and as of 2015, also by rail. Adding oil imported by rail to the tax base did not provide sufficient revenue to fully support the new work directed under the Act, and a one-time transfer of funds was used to pay for this work in the 2015-17 Biennium. Ecology estimates a \$4 million shortfall in the Oil Spill Prevention Account (OSPA) for the 2017-19 Biennium because most of the work directed in the Act is ongoing. Ecology is submitting agency request legislation to amend the barrel tax to provide additional OSPA revenue to fund oil spill prevention, preparedness, and response activities at the current level, and reduce dependency on MTCA funding, which is also projected to have a negative fund balance in 2017-19. The amount that can be fund-switched will be determined by legislation that is passed in the 2017 legislative session. Without this funding solution, critical oil spill safety work would be scaled down or entirely eliminated.

*Treasurer Transfers.* Office of Financial Management staff requested a summary of all treasurer transfers required to support our budget request. A complete list of treasurer transfers is included in our budget detail, but we highlight two transfers here:

- *Water Pollution Control Revolving (State Revolving Fund or SRF) Match.* \$10 million transfer from the State Taxable Building Construction Account. Congress established the Clean Water State Revolving Fund (SRF) to capitalize state-run, low-interest loan programs to finance water quality facilities and activities. An annual federal capitalization grant must be matched with 20 percent state funds. In Washington, the federal and state money finances planning, designing, acquiring, constructing, and improving water pollution control facilities and related nonpoint source activities that help public entities meet state and federal water pollution control requirements. Ecology is requesting a \$10 million transfer from the State Taxable Building Construction Account to the Water Pollution Control Revolving Account to support the SRF loan program capital requests for new and reappropriated projects.

- *Repayments of Loans to the Cleanup Settlement Account*
  - *Point Ruston Sediment Capping and Shoreline Restoration Stabilization Loan Repayment.* An estimated \$2.5 million transfer from the Aquatic Lands Enhancement Account (\$1.24 million) and the State Toxics Control Account (\$1.24 million) to the Cleanup Settlement Account (CSA) to fulfill years three and four of an eight-year loan repayment requirement. In the 2012 Supplemental Budget, the Legislature appropriated \$7.2 million from the CSA to the Department of Natural Resources to complete sediment capping and shoreline stabilization on aquatic lands adjacent to the ASARCO cleanup site in Commencement Bay.
  - *2016 Supplemental MTCA Account Balancing Loan Repayment.* An estimated \$8 million transfer from the Local Toxics Control Account to the CSA to fulfill the first year's loan repayment in fiscal year 2019. This amount is based on the repayment schedule. Section 6015 of the 2016 Supplemental Capital Budget authorized up to a \$23 million loan from the CSA to maintain positive account balances. It is considered an inter-fund loan that must be repaid with interest to the CSA in three equal payments in fiscal years 2019, 2020, and 2021.

#### Placeholder for 2017

*Carbon Emissions Limits.* On August 13, 2015, Governor Inslee directed Ecology to use existing authority under Washington's Clean Air Act to develop a regulatory cap on carbon emissions. The cap is intended to achieve a significant reduction in air pollution and is the centerpiece of the Governor's strategy to ensure the state meets the statutory emission limits set by the Legislature in 2008. Ecology plans to adopt the final rule in September 2016. Ecology has secured the funding needed to begin implementing the rule in State Fiscal Year 2017, but will require additional funding in State Fiscal Year 2018 and beyond to fully implement this carbon cap program.

#### **Capital Budget Request**

Ecology's Capital Budget request totals \$654 million for new projects, and requests \$90.4 million in backfill funding to cover the MTCA revenue shortfall for 2017-19 Biennial expenditures. These capital investments will:

- Promote local economic development (e.g. wastewater treatment plants, and cleaning up contaminated sites for re-development)
- Create jobs
- Address local environmental and public health priorities
- Provide core funding for many local government programs

#### Placeholders for 2017

*Office of Chehalis Basin.* In 2016, the Legislature passed House Bill 2856 directing Ecology to create the Office of Chehalis Basin (OCB), modeled to the extent practicable, after the Office of Columbia River. The primary purpose of the office is to aggressively pursue implementation of an

integrated strategy and administer funding for long-term flood damage reduction and aquatic species restoration in the Chehalis River Basin. Funding was not provided to implement the bill.

This fall, the Governor-appointed Chehalis Basin work group will make recommendations to the Governor on projects and next phases of the Chehalis Basin strategy for consideration in the Governor's proposed budget. For this reason, we are submitting a placeholder for this work, and for the costs associated with establishing the OCB within Ecology.

*2017 Drought Declaration.* Each year, Ecology assesses the need for emergency drought funding to assist local government. While the water year begins November 1 of each year, conditions can change rapidly throughout the winter and spring, which means a decision about drought and its severity often cannot be made until early April. If a drought is projected, Ecology will submit a request during the 2017 legislative session. This potential need is normally highlighted in Ecology's budget submittal, as no base appropriations exist in the agency budget to implement drought response activities.

### **Addressing the \$78 Million Shortfall in the MTCA Accounts**

Since the May 2015 revenue forecast, that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million, as of August 2016.

The major source of funding for these accounts is the Hazardous Substance Tax (HST), which is a 0.7 percent tax on the wholesale value of the first possession of hazardous substances in Washington. The HST has not been increased or adjusted for inflation in 28 years. HST is both a volume and value based tax with about 90 percent of the revenue coming from petroleum products. With the significant drop in petroleum prices over the last two years, forecasted revenue collections are significantly down, and projected revenue is insufficient to cover the reappropriations required for the 2017-19 Biennium.

MTCA provides core funding for long standing environmental and public health work carried in both the operating and capital budgets. Many state agencies, local governments, and communities count on these dollars for this work. Without a short-term funding solution, Ecology will have to delay or cancel projects vital to protecting the environment, public health, and economic development. The repercussions of delay are multiplied significantly at the local government level where projects have already started or are ready to proceed, and the state investment is needed to complete these projects. There are also some projects that Ecology has legal requirements to fund.

We are asking for \$90.4 million in backfill funding from the State Building Construction Account for estimated 2017-19 capital expenditures so that the projects can proceed (this request will be updated based on the September and November revenue forecasts). In addition, we are requesting that two provisions from section 6015 of the 2016 Supplemental Capital Budget (ESHB 2380) be re-enacted in 2017-19 as revised:

- As directed by the Department of Ecology, in consultation with the Office of Financial Management, the State Treasurer shall transfer amounts among the State Toxics Control Account, the Local Toxics Control Account, and the Environmental Legacy Stewardship Account as needed during the 2017-2019 Fiscal Biennium to maintain positive account balances in all three accounts.
- If, after using the inter-fund transfer authority granted in this section, the Department of Ecology determines that further reductions are needed to maintain positive account balances in the State Toxics Control Account, the Local Toxics Control Account, and the Environmental Legacy Stewardship Account, the department is authorized to delay the start of cleanup and stormwater projects based on acuity of need, readiness to proceed, cost-efficiency, or need to ensure geographic distribution.

These two provisions will help the state maintain sufficient cash balances in the accounts next biennium. Ecology looks forward to engaging with the Governor's Office, the Office of Financial Management, legislative members, and other stakeholders on more long-term solutions in managing the MTCA accounts.

Thank you for considering our requests and keeping our emerging budget issues in mind as the Governor's budget is developed. We will work with our assigned budget analysts as they review this request in detail. Please let us know if you have questions.

#### Attachment

cc: Myra Baldini, Budget Assistant to the Governor, OFM  
Jim Cahill, Senior Budget Assistant to the Governor, OFM  
Rob Duff, Senior Policy Advisor, Office of the Governor  
Erik Fairchild, Chief Financial Officer, Department of Ecology  
Jed Herman, Fiscal Analyst, Senate Ways & Means Committee  
Dan Jones, Fiscal Analyst, House Appropriations/Natural Resources Committee  
Steve Masse, Fiscal Analyst, House Capital Budget Committee  
Lisa McCollum, Legislative Assistant, House Appropriations Committee  
Sherry McNamara, Fiscal Analyst, Senate Ways & Means Committee  
Melissa Palmer, Capital Budget Coordinator, House Capital Budget Committee  
Keith Phillips, Special Assistant on Climate and Energy, Office of the Governor  
Richard Ramsey, Capital Budget Coordinator, Senate Ways and Means Committee  
Nona Snell, Senior Budget Assistant to the Governor, OFM  
Linda Steinmann, Budget Assistant to the Governor, OFM  
Meg Van Schoorl, Capital Budget Coordinator, House Capital Budget Committee

\*\*\* *This page intentionally blank.* \*\*\*

**Department of Ecology  
2017-2019 Capital Budget**

**Table of Contents**

**Tab A      Summary Information**

1.	Ecology’s Capital Budget Proposal Summary (Spreadsheet).....	13
2.	2017-19 Biennium Initial Capital Budget Summary Ranking (Spreadsheet).....	14
3.	Ten Year Capital Plan Summary .....	17
4.	DAHP Review Letter and Exempt Project List .....	31
5.	Maintenance Backlog Reduction Plan .....	33
6.	Capital FTE Summary .....	41
7.	Capital FTEs by Project.....	45
8.	Puget Sound Action Agenda List, Capital .....	47

**Tab B      Preservation Projects**

1.	30000713    Lacey Headquarters Facility Preservation Projects .....	51
2.	30000282    Padilla Bay Federal Capital Projects .....	59

**Tab C      Programmatic Projects**

1.	30000741    Eastern Regional Office Improvements and Stormwater Treatment.....	63
2.	30000335    Padilla Bay Federal Capital Projects – Programmatic.....	73

**Tab D      Grant/Other Projects & Reappropriations**

**Tab D-1    MTCA Reappropriation Bond Swap**

1.	Focus Sheet: Solving the 2017-19 MTCA Revenue Shortfall .....	81
2.	92000076    Stormwater Improvements.....	83
3.	30000374    Remedial Action Grants.....	139
4.	30000458    Delayed Remedial Action Grants .....	147
5.	30000535    Stormwater Financial Assistance Program .....	187
6.	30000542    Clean Up Toxic Sites – Puget Sound.....	293
7.	30000432    Eastern Washington Clean Sites Initiative.....	305

**Tab D-2 Protect and Restore Puget Sound**

1. 30000763 Restored Clean Up Toxic Sites – Puget Sound.....329  
2. 30000749 Clean Up Toxic Sites – Puget Sound.....355

**Tab D-3 Deliver Integrated Water Solutions**

1. 30000710 Water Pollution Control Revolving Program .....383  
2. 30000797 Restored Stormwater Financial Assistance.....389  
3. 30000706 Floodplains by Design .....405  
4. 30000796 Stormwater Financial Assistance Program .....411  
5. 30000705 Centennial Clean Water Program .....419  
6. 30000712 Columbia River Water Supply Development Program .....425  
7. 30000711 Yakima River Basin Water Supply.....463  
8. 30000673 Sunnyside Valley Irrigation District Water Conservation .....483  
9. 30000714 Watershed Plan Implementation and Flow Achievement.....497  
10. 30000740 Water Irrigation Efficiencies Program.....505

**Tab D-4 Prevent and Reduce Toxic Threats**

1. 30000704 Restored Eastern Washington Clean Sites Initiative .....533  
2. 30000707 Remedial Action Grants.....551  
3. 30000709 Coordinated Prevention Grants.....601  
4. 30000670 ASARCO Cleanup.....609  
5. 30000742 Eastern Washington Clean Sites Initiative.....619  
6. 30000671 Reducing Toxic Diesel Emissions .....637  
7. 30000674 Reducing Toxic Woodstove Emissions .....645  
8. 30000669 Leaking Tank Model Remedies.....651  
9. 30000708 Swift Creek Natural Asbestos Flood Control and Cleanup .....691  
10. 30000672 Waste Tire Pile Cleanup and Prevention .....705

**Tab D-5 Reappropriations**

1. 30000534 Water Pollution Control Revolving Program .....713  
2. 30000327 Water Pollution Control Revolving Program .....715  
3. 30000537 Floodplains by Design .....717  
4. 30000209 Water Pollution Control Revolving Fund Program .....721



5.	30000216	Remedial Action Grant Program .....	723
6.	92000078	Flood Management and Control Grants.....	725
7.	30000590	Yakima River Basin Water Supply.....	727
8.	30000326	Centennial Clean Water Program .....	729
9.	30000427	Centennial Clean Water Program .....	731
10.	30000334	ASARCO Cleanup.....	735
11.	30000538	ASARCO Cleanup.....	737
12.	30000536	Coastal Wetlands Federal Funds.....	739
13.	30000328	Coastal Wetlands Federal Funds.....	741
14.	19972012	Low-Level Nuclear Waste Disposal Trench Closure .....	743
15.	30000372	Columbia River Water Supply Development Program .....	745
16.	30000588	Columbia River Water Supply Development Program .....	747
17.	30000039	Remedial Action Grant Program .....	749
18.	30000331	Watershed Plan Implementation and Flow Achievement.....	753
19.	30000591	Watershed Plan Implementation and Flow Achievement.....	755
20.	30000283	Coastal Wetlands Federal Funds Administration .....	757
21.	30000208	Centennial Clean Water Program .....	759
22.	92000148	Low Interest Loans for Drought Wells .....	761
23.	20062950	Columbia River Basin Water Supply.....	763
24.	30000587	Water Irrigation Efficiencies Program.....	765
25.	91000032	Clean Up Toxics Sites – Puget Sound .....	769
26.	30000589	Sunnyside Valley Irrigation District Water Conservation .....	771
27.	30000280	ASARCO – Tacoma Smelter Plume and Mines .....	773
28.	30000337	Clean Up Toxic Sites – Puget Sound.....	775
29.	92000158	Port of Tacoma Arkema/Dunlap Mound .....	777
30.	20064008	Local Toxics Grants for Cleanup and Prevention.....	779
31.	92000155	Port Angeles Municipal Landfill .....	783
32.	30000373	Yakima River Basin Water Supply.....	785
33.	91000007	Habitat Mitigation.....	787
34.	92000142	Drought Response.....	789
35.	30000429	Reducing Toxic Woodstove Emissions .....	791
36.	30000490	Leaking Tank Model Remedies.....	795
37.	30000389	Water Irrigation Efficiencies Program.....	797
38.	30000144	Clean Up Toxics Sites – Puget Sound .....	801

39.	30000333	Dungeness Water Supply and Mitigation .....	803
40.	30000213	Watershed Plan Implementation and Flow Achievement.....	807
41.	92000156	Water Treatment Plant (Lakewood) .....	809
42.	92000085	Lower Yakima GWMA Program Development .....	811
43.	20084029	Watershed Plan Implementation and Flow Achievement.....	813
44.	91000181	Skagit Mitigation .....	815
45.	30000332	Sunnyside Valley Irrigation District Water Conservation .....	817
46.	30000431	Waste Tire Pile Cleanup and Prevention .....	819
47.	30000428	Reducing Toxic Diesel Emissions .....	821
48.	30000351	Eastern Washington Clean Sites Initiative.....	823
49.	20084008	Remedial Action Grants.....	825
50.	30000028	Watershed Plan Implementation and Flow Achievement.....	829
51.	19742006	Water Supply Facilities.....	831
52.	30000265	Clean Up Toxics Sites – Puget Sound .....	833
53.	20062003	Watershed Plan Implementation and Flow Achievement.....	835
54.	30000323	Mercury Switch Removal .....	839
55.	30000278	Yakima Basin Integrated Water Management Plan Implementation....	841
56.	20042951	Twin Lakes Aquifer Recharge .....	843
57.	30000217	Eastern Washington Clean Sites Initiative.....	845
58.	20081951	Transfer of Water Rights for Cabin Owners.....	847
59.	20052852	Quad Cities Water Right Mitigation .....	849
60.	20084026	Yakima River Basin Water Storage Feasibility Study.....	851
61.	30000029	Kittitas Groundwater Study .....	855
62.	20044006	Water Supply Facilities.....	857

**Department of Ecology  
2017-2019 Capital Budget**

**Table of Contents**

**Tab A      Summary Information**

- 1. Ecology’s Capital Budget Proposal Summary (Spreadsheet)..... 13
- 2. 2017-19 Biennium Initial Capital Budget Summary Ranking (Spreadsheet) ..... 14
- 3. Ten Year Capital Plan Summary ..... 17
- 4. DAHP Review Letter and Exempt Project List ..... 31
- 5. Maintenance Backlog Reduction Plan ..... 33
- 6. Capital FTE Summary ..... 41
- 7. Capital FTEs by Project ..... 45
- 8. Puget Sound Action Agenda List, Capital ..... 47

\*\*\* *This page intentionally blank.* \*\*\*

Department of Ecology

**Capital**

**2017-19 Biennium Budget Request**

09/12/16 \$ in thousands - Biennialized FTEs		FTE	SBCA	MTCA	Other	Total
<b>MTCA Reappropriation Bond Swap (does not include total reappropriation amount- only the amount requested for bond backfill.)</b>						
1	92000076 Stormwater Financial Assistance		20,885	(20,885)		-
2	30000374 Remedial Action Grants		11,855	(11,855)		-
3	30000458 Remedial Action Grants		24,572	(24,572)		-
4	30000535 Stormwater Financial Assistance	5.18	26,536	(26,536)		-
5	30000542 Clean Up Toxic Sites- Puget Sound		4,400	(4,400)		-
6	30000432 Eastern WA Clean Sites Initiative		2,200	(2,200)		-
	<b>Subtotal MTCA Bond Swap</b>	<b>5.18</b>	<b>90,448</b>	<b>(90,448)</b>		<b>-</b>
<b>Protect and Restore Puget Sound</b>						
7	2015-17 Restored Clean Up Toxics Sites Puget Sound		5,412			5,412
8	Clean Up Toxics Sites Puget Sound		20,140			20,140
<b>Deliver Integrated Water Solutions</b>						
9	Water Pollution Control Revolving Program				210,000	210,000
10	2015-17 Restored Stormwater Financial Assistance	7.77	30,100			30,100
11	Floodplains by Design	4.60	70,000			70,000
12	Stormwater Financial Assistance Program		44,200			44,200
13	Centennial Clean Water Program		60,000			60,000
14	Columbia River Water Supply Development Program	4.45	4,500		30,500	35,000
15	Yakima River Basin Water Supply	2.19	31,100			31,100
16	Sunnyside Valley Irrigation District Water Conservation	0.23	4,684			4,684
17	Watershed Plan Implementation and Flow Achievement	1.50	10,000			10,000
18	Water Irrigation Efficiencies Program	1.15	6,128			6,128
<b>Prevent and Reduce Toxic Threats</b>						
19	2015-17 Restored Eastern WA Clean Sites Initiative		2,936			2,936
20	Remedial Action Grants	2.88	39,879			39,879
21	Coordinated Prevention Grants			28,240		28,240
22	ASARCO Cleanup	14.38			28,760	28,760
23	Eastern WA Clean Sites Initiative		5,233			5,233
24	Reducing Toxic Diesel Emissions	1.15	5,000			5,000
25	Reducing Toxic Woodstove Emissions	0.29	4,000			4,000
26	Leaking Tank Model Remedies		1,950			1,950
27	Swift Creek Natural Asbestos Flood Control & Cleanup		5,813			5,813
28	Waste Tire Pile Cleanup and Prevention	1.15			1,000	1,000
<b>Facilities Related</b>						
29	Eastern Regional Office Improvements & Stormwater Treatment		1,920			1,920
30	Lacey HQ Facility Preservation Projects		2,039			2,039
<b>Total Proposed Capital Budget</b>		<b>46.92</b>	<b>445,482</b>	<b>(62,208)</b>	<b>270,260</b>	<b>653,534</b>

## 2017-19 Biennium Initial **Capital** Budget Summary Ranking

September 14, 2016

Purpose: To provide Ecology's ranking for all 2017-19 New and Reappropriation capital requests. The first six reappropriations are requests for bond backfill funding to address the Model Toxics Control Act (MTCA) revenue shortfall projected in 2017-19. Items 8-10 are requests to restore MTCA funding cut in the 2016 Supplemental Capital Budget. Proviso language in the budget bill specifies that the Legislature intends to restore those reductions in future biennia. The rest of Ecology's reappropriations are ranked from highest to lowest by the reappropriation amount being requested.

ID	Capital Proposal Title	Program	Budget Type	Project	Dollars in 000s	Final Rank
1	Stormwater Financial Assistance Prgm (\$20.9 M bond swap)	WQ	Cap-R MTCA Bond Backfill	92000076	\$ 77,568	1
2	Remedial Action Grants (\$11.9 M bond swap)	TCP	Cap-R MTCA Bond Backfill	30000374	\$ 31,228	
3	Remedial Action Grants (\$24.6 M bond swap)	TCP	Cap-R MTCA Bond Backfill	30000458	\$ 47,493	
4	Stormwater Financial Assist. Prgm (\$26.5 M bond swap)	WQ	Cap-R MTCA Bond Backfill	30000535	\$ 31,200	
5	Cleanup Toxics Sites-Puget Sound (\$4.4 M bond swap)	TCP	Cap-R MTCA Bond Backfill	30000542	\$ 13,564	
6	Eastern WA Clean Sites Initiative (\$2.2 M bond swap)	TCP	Cap-R MTCA Bond Backfill	30000432	\$ 9,779	
7	Water Pollution Control Revolving Program	WQP	Cap - New	30000710	\$ 210,000	2
8	Restore 2015-17 Cleanup Toxic Sites - Puget Sound Projects	TCP	Cap - New	30000763	\$ 5,412	3
9	Restore 2015-17 E. WA Clean Sites Initiative Projects	TCP	Cap - New	30000704	\$ 2,936	
10	Restore 2015-17 Stormwater Fin. Assist. Prgrm	WQP	Cap - New	30000797	\$ 30,100	
11	Floodplains by Design	SEA	Cap - New	30000706	\$ 70,000	4
12	Stormwater Financial Assistance Program	WQP	Cap - New	30000796	\$ 44,200	5
13	Centennial Clean Water Program	WQP	Cap - New	30000705	\$ 60,000	6
14	2017-19 Remedial Action Grants	TCP	Cap - New	30000707	\$ 39,879	7
15	Columbia River Water Supply Development Program	WRP	Cap - New	30000712	\$ 35,000	8
16	Yakima River Basin Water Supply Program	WRP	Cap - New	30000711	\$ 31,100	9
17	2017-19 Clean Up Toxic Sites - Puget Sound	TCP	Cap - New	30000749	\$ 20,140	10
18	Coordinated Prevention Grants	W2R	Cap - New	30000709	\$ 28,240	11
19	2017-19 ASARCO Cleanup	TCP	Cap - New	30000670	\$ 28,760	12
20	Sunnyside Valley Irrigation Dist. Water Cons. (YRBWEP)	WRP	Cap - New	30000673	\$ 4,684	13
21	2017-19 Eastern Washington Clean Sites Initiative	TCP	Cap - New	30000742	\$ 5,233	14
22	Watershed Plan Implementation and Flow Achievement	WRP	Cap - New	30000714	\$ 10,000	15
23	Reducing Toxic Diesel Emissions	AQP	Cap - New	30000671	\$ 5,000	16
24	Reducing Toxic Woodstove Emissions	AQP	Cap - New	30000674	\$ 4,000	17
25	Water Irrigation Efficiencies	WRP	Cap - New	30000740	\$ 6,128	18
26	2017-19 Leaking Tank Model Remedy	TCP	Cap - New	30000669	\$ 1,950	19
27	2017-19 Swift Creek Natural Asbestos Flood Control & CU	TCP	Cap - New	30000708	\$ 5,813	20
28	Facilities - Eastern Regional Office	Admin	Cap - New	30000741	\$ 1,920	21
29	Facilities - Lacey Headquarters	Admin	Cap - New	30000713	\$ 2,039	22
30	Waste Tires Recycling and Cleanup	W2R	Cap - New	30000672	\$ 1,000	23
31	Water Pollution Control Revolving Program	WQ	Cap-R	30000534	\$ 202,656	24
32	Wtr Pollution Ctrl Revolving Prgm	WQ	Cap-R	30000327	\$ 180,975	
33	Floodplains by Design	SEA	Cap-R	30000537	\$ 35,448	
34	Wtr Pollution Ctrl Revolving Fund Prgm	WQ	Cap-R	30000209	\$ 34,127	
35	Remedial Action Grant Prgm	TCP	Cap-R	30000216	\$ 22,997	
36	Floodplain Mgmt and Control Grants	SEA	Cap-R	92000078	\$ 23,399	
37	Yakima River Basin Water Supply	WR	Cap-R	30000590	\$ 19,674	
38	Centennial Clean Water Program	WQ	Cap-R	30000326	\$ 17,591	
39	Centennial Clean Water Program	WQ	Cap-R	30000427	\$ 17,521	
40	ASARCO Cleanup	TCP	Cap-R	30000334	\$ 12,308	
41	ASARCO Cleanup	TCP	Cap-R	30000538	\$ 10,349	

ID	Capital Proposal Title	Program	Budget Type	Project	Dollars in 000s	Final Rank
42	Coastal Wetland Federal Funds	SEA	Cap-R	30000536	\$ 10,000	
43	Coastal Wetlands Federal Funds	SEA	Cap-R	30000328	\$ 9,800	
44	Low-Level Nuclear Waste Disposal Trench Closure	NWP	Cap-R	19972012	\$ 8,550	
45	Columbia River Basin Wtr Supp Devel Prgm	WR	Cap-R	30000372	\$ 8,536	
46	Columbia River Water Supply Devel Prgm	WR	Cap-R	30000588	\$ 8,444	
47	Remedial Action Grant Program	TCP	Cap-R	30000039	\$ 7,204	
48	Watershed Plan Impl and Flow Achievmt	WR	Cap-R	30000331	\$ 5,097	
49	Watershed Plan Implementation and Flow Achievement	WR	Cap-R	30000591	\$ 4,510	
50	Coastal Wetlands Federal Funds Admn	SEA	Cap-R	30000283	\$ 4,152	
51	Centennial Clean Water Prgm	WQ	Cap-R	30000208	\$ 4,141	
52	Low Interest Loans Drought Wells	WR	Cap-R	92000148	\$ 4,000	
53	Columbia Basin Water Supply	WR	Cap-R	20062950	\$ 3,813	
54	Water Irrigation Efficiencies Program	WR	Cap-R	30000587	\$ 3,795	
55	Clean Up Toxics Sites-Puget Sound	TCP	Cap-R	91000032	\$ 3,657	
56	Sunnyside Valley Irr District Wtr Consvr Fed Match	WR	Cap-R	30000589	\$ 3,055	
57	ASARCO-Tacoma Smelter Plume and Mines	TCP	Cap-R	30000280	\$ 3,021	
58	Clean Up Toxics Sites-Puget Sound	TCP	Cap-R	30000337	\$ 2,974	
59	Port of Tacoma Arkema/Dunlap Mound	TCP	Cap-R	92000158	\$ 2,900	
60	Local Toxics Grants for Cleanup and Prev	TCP	Cap-R	20064008	\$ 2,561	
61	Port Angeles Municipal Landfill	W2R	Cap-R	92000155	\$ 2,200	
62	Yakima River Basin Water Supply	WR	Cap-R	30000373	\$ 2,124	
63	Habitat Mitigation	SEA	Cap-R	91000007	\$ 2,070	
64	Drought Response	WR	Cap-R	92000142	\$ 2,029	
65	Reducing Toxic Woodstove Emissions	AIR	Cap-R	30000429	\$ 2,009	
66	Leaking Tanks Model Remedies	TCP	Cap-R	30000490	\$ 1,984	
67	Water Irrigation Efficiencies	WR	Cap-R	30000389	\$ 1,665	
68	Clean Up Toxics Sites-Puget Sound	TCP	Cap-R	30000144	\$ 1,663	
69	Dungeness Water Supp and Mitigation	WR	Cap-R	30000333	\$ 1,661	
70	Watershed Plan Impl and Flow Achievmt	WR	Cap-R	30000213	\$ 1,641	
71	Water Treatment Plant (Lakewood)	TCP	Cap-R	92000156	\$ 1,500	
72	Lower Yakima GWMA Prgm Development	WQ	Cap-R	92000085	\$ 1,375	
73	Watershed Plan Impl and Flow Achievmt	WR	Cap-R	20084029	\$ 1,274	
74	Skagit Mitigation	WR	Cap-R	91000181	\$ 1,061	
75	Sunnyside Valley Irrigation	WR	Cap-R	30000332	\$ 1,029	
76	Waste Tire Pile Cleanup and Prevention	W2R	Cap-R	30000431	\$ 742	
77	Reducing Toxic Diesel Emissions	AIR	Cap-R	30000428	\$ 727	
78	Padilla Bay Federal Capital Projects	SEA	Cap-R	30000282	\$ 662	
79	Eastern WA Clean Sites Initiative	TCP	Cap-R	30000351	\$ 553	
80	Remedial Action Grants	TCP	Cap-R	20084008	\$ 542	
81	Padilla Bay Federal Cap Proj-Programmatic	SEA	Cap-R	30000335	\$ 500	
82	Watershed Plan Impl and Flow Achievmt	WR	Cap-R	30000028	\$ 431	
83	Water Supply Facilities	WR	Cap-R	19742006	\$ 301	
84	Clean Up Toxics Sites-Puget Sound	TCP	Cap-R	30000265	\$ 276	
85	Watershed Plan Impl and Flow Achievmt	WR	Cap-R	20062003	\$ 276	
86	Mercury Switch Removal	HWTR	Cap-R	30000323	\$ 210	
87	Yakima Basin Integrated Wtr Mgmt Plan Impl	WR	Cap-R	30000278	\$ 182	
88	Twin Lakes Aquifer Recharge	WR	Cap-R	20042951	\$ 156	
89	Eastern WA Clean Sites Initiative	TCP	Cap-R	30000217	\$ 152	
90	Transfer Wtr Rights for Cabin Owners	WR	Cap-R	20081951	\$ 117	
91	Quad Cities Water Right Mitigation	WR	Cap-R	20052852	\$ 116	
92	Yakima River Basin Wtr Storage Feas	WR	Cap-R	20084026	\$ 82	
93	Kittitas Groundwater Study	WR	Cap-R	30000029	\$ 59	
94	Water Supply Facilities	WR	Cap-R	20044006	\$ 3	

\*\*\* *This page intentionally blank.* \*\*\*



**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority**  
2017-19 Biennium \*

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

Priority	Project by Account-EA Type	Estimated Total Expenditures	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>1</b>	<b>92000076 Storm Water Improvements</b>									
	057-1 State Bldg	40,885,000		105,000	19,895,000	20,885,000				
	Constr-State									
	19G-1 ELS	56,115,000	15,337,000	3,990,000	57,673,000	(20,885,000)				
	Account-State									
	<b>Project Total:</b>	<b>97,000,000</b>	<b>15,337,000</b>	<b>4,095,000</b>	<b>77,568,000</b>					
<b>2</b>	<b>30000374 Remedial Action Grants</b>									
	057-1 State Bldg	11,855,000				11,855,000				
	Constr-State									
	174-1 Local Toxics	50,682,000	23,649,000	7,660,000	31,228,000	(11,855,000)				
	Control-State									
	<b>Project Total:</b>	<b>62,537,000</b>	<b>23,649,000</b>	<b>7,660,000</b>	<b>31,228,000</b>					
<b>3</b>	<b>30000458 Remedial Action Grants</b>									
	057-1 State Bldg	24,572,000				24,572,000				
	Constr-State									
	174-1 Local Toxics	28,175,000		5,254,000	47,493,000	(24,572,000)				
	Control-State									
	<b>Project Total:</b>	<b>52,747,000</b>		<b>5,254,000</b>	<b>47,493,000</b>					
<b>4</b>	<b>30000535 Stormwater Financial Assistance Program</b>									
	057-1 State Bldg	26,536,000				26,536,000				
	Constr-State									
	174-1 Local Toxics	4,664,000			31,200,000	(26,536,000)				
	Control-State									
	19G-1 ELS									
	Account-State									
	<b>Project Total:</b>	<b>31,200,000</b>			<b>31,200,000</b>					
<b>5</b>	<b>30000542 Cleanup Toxics Sites - Puget Sound</b>									
	057-1 State Bldg	4,400,000				4,400,000				
	Constr-State									
	173-1 State Toxics	9,981,000		817,000	13,564,000	(4,400,000)				
	Control-State									
	<b>Project Total:</b>	<b>14,381,000</b>		<b>817,000</b>	<b>13,564,000</b>					

461 - Department of Ecology  
 Ten Year Capital Plan by Project Priority  
 2017-19 Biennium \*

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
 Date Run: 9/16/2016 8:11AM

Priority	Project by Account-EA Type	Estimated Total Expenditures	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
6	30000432 Eastern Washington Clean Sites Initiative									
	057-1 State Bldg	2,200,000				2,200,000				
	Constr-State									
	173-1 State Toxics	7,700,000	121,000	9,779,000		(2,200,000)				
	Control-State									
	<b>Project Total:</b>	<b>9,900,000</b>	<b>121,000</b>	<b>9,779,000</b>						
7	30000710 Water Pollution Control Revolving Program									
	727-1 Water Pollution	800,000,000				160,000,000	160,000,000	160,000,000	160,000,000	160,000,000
	Cont-State									
	727-2 Water Pollution	250,000,000				50,000,000	50,000,000	50,000,000	50,000,000	50,000,000
	Cont-Federal									
	<b>Project Total:</b>	<b>1,050,000,000</b>				<b>210,000,000</b>	<b>210,000,000</b>	<b>210,000,000</b>	<b>210,000,000</b>	<b>210,000,000</b>
8	30000763 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound									
	057-1 State Bldg	5,412,000				5,412,000				
	Constr-State									
9	30000704 2015-17 RESTORED Eastern Washington Clean Sites Initiative									
	057-1 State Bldg	2,936,000				2,936,000				
	Constr-State									
10	30000797 2015-17 Restored Stormwater Financial Assistance									
	057-1 State Bldg	30,100,000				30,100,000				
	Constr-State									
11	30000706 Floodplains by Design									
	057-1 State Bldg	350,000,000				70,000,000	70,000,000	70,000,000	70,000,000	70,000,000
	Constr-State									
12	30000796 Stormwater Financial Assistance Program									
	057-1 State Bldg	284,200,000				44,200,000	60,000,000	60,000,000	60,000,000	60,000,000
	Constr-State									
13	30000705 Centennial Clean Water Program									
	057-1 State Bldg	300,000,000				60,000,000	60,000,000	60,000,000	60,000,000	60,000,000
	Constr-State									
14	30000707 Remedial Action Grants									
	057-1 State Bldg	114,879,000				39,879,000	75,000,000			
	Constr-State									

**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority  
2017-19 Biennium \***

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>14</b>	<b>30000707 Remedial Action Grants</b>									
	174-1 Local Toxics Control-State	225,000,000					75,000,000	75,000,000	75,000,000	75,000,000
	<b>Project Total:</b>	<b>339,879,000</b>				<b>39,879,000</b>	<b>75,000,000</b>	<b>75,000,000</b>	<b>75,000,000</b>	<b>75,000,000</b>
<b>15</b>	<b>30000712 Columbia River Water Supply Development Program</b>									
	057-1 State Bldg Constr-State	72,500,000					17,000,000	17,000,000	17,000,000	17,000,000
	10P-1 Col River Water-State	12,500,000								
	296-1 Col River Bas Wtr Su-State	10,000,000					2,000,000	2,000,000	2,000,000	2,000,000
	355-1 St. Bld Const Acct-State	80,000,000					16,000,000	16,000,000	16,000,000	16,000,000
	<b>Project Total:</b>	<b>175,000,000</b>				<b>35,000,000</b>	<b>35,000,000</b>	<b>35,000,000</b>	<b>35,000,000</b>	<b>35,000,000</b>
<b>16</b>	<b>30000711 Yakima River Basin Water Supply</b>									
	057-1 State Bldg Constr-State	171,100,000					35,000,000	35,000,000	35,000,000	35,000,000
<b>17</b>	<b>30000749 Clean Up Toxic Sites - Puget Sound</b>									
	057-1 State Bldg Constr-State	140,140,000					30,000,000	30,000,000	30,000,000	30,000,000
<b>18</b>	<b>30000709 Coordinated Prevention Grants</b>									
	174-1 Local Toxics Control-State	159,535,000					29,920,000	31,766,000	33,774,000	35,835,000
<b>19</b>	<b>30000670 ASARCO Cleanup</b>									
	15H-1 Cleanup Set Acct-State	51,359,000					18,191,000	4,408,000		
<b>20</b>	<b>30000673 Sunnyside Valley Irrigation District Water Conservation</b>									
	057-1 State Bldg Constr-State	24,684,000					5,000,000	5,000,000	5,000,000	5,000,000
<b>21</b>	<b>30000742 Eastern Washington Clean Sites Initiative</b>									
	057-1 State Bldg Constr-State	45,233,000					10,000,000	10,000,000	10,000,000	10,000,000
<b>22</b>	<b>30000714 Watershed Plan Implementation and Flow Achievement</b>									

**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority  
2017-19 Biennium \***

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

<b>Project by Agency Priority</b>										
Priority	Project by Account-EA Type	Estimated Total Expenditures	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
22	30000714 Watershed Plan Implementation and Flow Achievement	50,000,000				10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
	057-1 State Bldg									
	Constr-State									
23	30000671 Reducing Toxic Diesel Emissions	25,000,000				5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
	057-1 State Bldg									
	Constr-State									
24	30000674 Reducing Toxic Woodstove Emissions	20,000,000				4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
	057-1 State Bldg									
	Constr-State									
25	30000740 Water Irrigation Efficiencies Program	46,128,000				6,128,000	10,000,000	10,000,000	10,000,000	10,000,000
	057-1 State Bldg									
	Constr-State									
26	30000669 Leaking Tank Model Remedies	9,750,000				1,950,000	1,950,000	1,950,000	1,950,000	1,950,000
	057-1 State Bldg									
	Constr-State									
27	30000708 Swift Creek Natural Asbestos Flood Control and Cleanup	17,013,000				5,813,000	11,200,000			
	057-1 State Bldg									
	Constr-State									
28	30000741 Eastern Regional Office Improvements and Stormwater Treatment	3,602,000				1,920,000	1,682,000			
	057-1 State Bldg									
	Constr-State									
29	30000713 Lacey Headquarters (HQ) Facility Preservation Projects	2,039,000				2,039,000				
	057-1 State Bldg									
	Constr-State									
30	30000672 Waste Tire Pile Cleanup and Prevention	5,000,000				1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	08R-1 Waste Tire									
	Removal A-State									
31	30000534 Water Pollution Control Revolving Program	153,000,000								
	727-1 Water Pollution									
	Cont-State									
	727-2 Water Pollution									
	Cont-Federal									
	<b>Project Total:</b>	<b>203,000,000</b>				<b>344,000</b>	<b>202,656,000</b>			

**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority**  
2017-19 Biennium \*

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
32	<b>30000327 Water Pollution Control Revolving Program</b>									
	355-1 St. Bld Const									
	Acct-State									
	727-1 Water Pollution	200,000,000	18,067,000	27,521,000	154,412,000					
	Cont-State									
	727-2 Water Pollution	50,000,000		23,437,000	26,563,000					
	Cont-Federal									
	<b>Project Total:</b>	<b>250,000,000</b>	<b>18,067,000</b>	<b>50,958,000</b>	<b>180,975,000</b>					
33	<b>30000537 Floodplains by Design</b>									
	057-1 State Bldg	35,560,000		112,000	35,448,000					
	Constr-State									
34	<b>30000209 Water Pollution Control Revolving Fund Program</b>									
	727-1 Water Pollution	104,072,000	18,441,000	51,504,000	34,127,000					
	Cont-State									
	727-2 Water Pollution	82,205,000	37,639,000	44,566,000						
	Cont-Federal									
	<b>Project Total:</b>	<b>186,277,000</b>	<b>56,080,000</b>	<b>96,070,000</b>	<b>34,127,000</b>					
35	<b>30000216 Remedial Action Grant Program</b>									
	174-1 Local Toxics	62,864,000	36,235,000	3,632,000	22,997,000					
	Control-State									
36	<b>92000078 Floodplain Management and Control Grants</b>									
	057-1 State Bldg	50,000,000	18,489,000	8,112,000	23,399,000					
	Constr-State									
37	<b>30000590 Yakima River Basin Water Supply</b>									
	057-1 State Bldg	9,800,000		563,000	9,237,000					
	Constr-State									
	355-1 St. Bld Const	20,200,000		9,763,000	10,437,000					
	Acct-State									
	<b>Project Total:</b>	<b>30,000,000</b>		<b>10,326,000</b>	<b>19,674,000</b>					
38	<b>30000326 Centennial Clean Water Program</b>									
	19G-1 ELS	50,000,000	24,202,000	8,207,000	17,591,000					
	Account-State									
39	<b>30000427 Centennial Clean Water Program</b>									

**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority**  
2017-19 Biennium \*

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

Priority	Project by Account-EA Type	Estimated Total Expenditures	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
<b>39</b>	<b>30000427 Centennial Clean Water Program</b>									
	057-1 State Bldg Constr-State	12,500,000		4,964,000	7,536,000					
	174-1 Local Toxics Control-State	10,812,000		827,000	9,985,000					
	<b>Project Total:</b>	<b>23,312,000</b>		<b>5,791,000</b>	<b>17,521,000</b>					
<b>40</b>	<b>30000334 ASARCO Cleanup</b>									
	057-1 State Bldg Constr-State	6,000,000	3,766,000	985,000	1,249,000					
	15H-1 Cleanup Set Acct-State	30,660,000	6,380,000	13,221,000	11,059,000					
	<b>Project Total:</b>	<b>36,660,000</b>	<b>10,146,000</b>	<b>14,206,000</b>	<b>12,308,000</b>					
<b>41</b>	<b>30000538 ASARCO Cleanup</b>									
	15H-1 Cleanup Set Acct-State	12,146,000		1,797,000	10,349,000					
<b>42</b>	<b>30000536 Coastal Wetlands Federal Funds</b>									
	001-2 General Fund-Federal	10,000,000			10,000,000					
<b>43</b>	<b>30000328 Coastal Wetlands Federal Funds</b>									
	001-2 General Fund-Federal	9,800,000			9,800,000					
<b>44</b>	<b>19972012 Low-Level Nuclear Waste Disposal Trench Closure</b>									
	125-1 Site Closure Account-State	13,375,000	4,245,000	580,000	8,550,000					
<b>45</b>	<b>30000372 Columbia River Water Supply Development Program</b>									
	10P-1 Col River Water-State	49,896,000	32,297,000	11,257,000	6,342,000					
	18B-1 Col Riv Bas Acct-State	30,545,000	6,429,000	21,922,000	2,194,000					
	<b>Project Total:</b>	<b>80,441,000</b>	<b>38,726,000</b>	<b>33,179,000</b>	<b>8,536,000</b>					
<b>46</b>	<b>30000588 Columbia River Water Supply Development Program</b>									
	10P-1 Col River Water-State	16,800,000		10,544,000	6,256,000					

**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority**  
2017-19 Biennium \*

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

Priority	Project by Account-EA Type	Estimated Total Expenditures	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
46	30000588 Columbia River Water Supply Development Program	2,200,000		12,000	2,188,000					
	296-1 Col River Bas Wtr Su-State									
	<b>Project Total:</b>	<b>19,000,000</b>		<b>10,556,000</b>	<b>8,444,000</b>					
47	30000039 Remedial Action Grant Program									
	057-1 State Bldg Constr-State	37,700,000	36,731,000	118,000	851,000					
	174-1 Local Toxics Control-State	37,409,000	29,604,000	1,452,000	6,353,000					
	<b>Project Total:</b>	<b>75,109,000</b>	<b>66,335,000</b>	<b>1,570,000</b>	<b>7,204,000</b>					
48	30000331 Watershed Plan Implementation and Flow Achievement									
	057-1 State Bldg Constr-State	10,000,000	2,787,000	2,116,000	5,097,000					
49	30000591 Watershed Plan Implementation and Flow Achievement									
	057-1 State Bldg Constr-State	5,000,000		490,000	4,510,000					
50	30000283 Coastal Wetlands Federal Funds Administration									
	001-2 General Fund-Federal	23,200,000	14,499,000	4,549,000	4,152,000					
51	30000208 Centennial Clean Water Program									
	173-1 State Toxics Control-State	33,270,000	23,674,000	5,455,000	4,141,000					
52	92000148 Low Interest Loans for Drought Wells									
	057-1 State Bldg Constr-State	4,000,000			4,000,000					
53	20062950 Columbia River Basin Water Supply Development Program									
	10P-1 Col River Water-State	80,867,000	74,792,000	2,262,000	3,813,000					
	18B-1 Col Riv Bas Acct-State	10,404,000	10,404,000							
	<b>Project Total:</b>	<b>91,271,000</b>	<b>85,196,000</b>	<b>2,262,000</b>	<b>3,813,000</b>					
54	30000587 Water Irrigation Efficiencies Program									

**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority**  
2017-19 Biennium \*

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
54	30000587 Water Irrigation Efficiencies Program	4,000,000		205,000	3,795,000					
	057-1 State Bldg Constr-State									
55	91000032 Clean Up Toxics Sites - Puget Sound	9,270,000	4,500,000	1,113,000	3,657,000					
	173-1 State Toxics Control-State									
56	30000589 Sunnyside Valley Irrigation District Water Conservation	3,055,000			3,055,000					
	057-1 State Bldg Constr-State									
57	30000280 ASARCO - Tacoma Smelter Plume and Mines	20,647,000	17,529,000	97,000	3,021,000					
	15H-1 Cleanup Set Acct-State									
58	30000337 Clean Up Toxics Sites - Puget Sound	25,055,000	18,872,000	3,209,000	2,974,000					
	19G-1 ELS Account-State									
59	92000158 Port of Tacoma Arkema/Dunlap Mound	2,900,000			2,900,000					
	057-1 State Bldg Constr-State									
60	20064008 Local Toxics Grants for Cleanup and Prevention	21,237,000	13,720,000	4,956,000	2,561,000					
	057-1 State Bldg Constr-State									
	174-1 Local Toxics Control-State	77,611,000	77,611,000							
	<b>Project Total:</b>	<b>98,848,000</b>	<b>91,331,000</b>	<b>4,956,000</b>	<b>2,561,000</b>					
61	92000155 Port Angeles Municipal Landfill	2,200,000			2,200,000					
	057-1 State Bldg Constr-State									
62	30000373 Yakima River Basin Water Supply	32,100,000	27,916,000	2,060,000	2,124,000					
	057-1 State Bldg Constr-State									
63	91000007 Habitat Mitigation	4,412,000	2,101,000	241,000	2,070,000					
	057-1 State Bldg Constr-State									



**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority**  
2017-19 Biennium \*

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

Priority	Project by Account-EA Type	Estimated Total Expenditures	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
64	92000142 Drought Response									
	057-1 State Bldg									
	Constr-State									
	05W-1 State Drought	6,723,000		4,694,000	2,029,000					
	Prep-State									
	<b>Project Total:</b>	<b>6,723,000</b>		<b>4,694,000</b>	<b>2,029,000</b>					
65	30000429 Reducing Toxic Woodstove Emissions									
	057-1 State Bldg	1,500,000		18,000	1,482,000					
	Constr-State									
	173-1 State Toxics	2,000,000		1,473,000	527,000					
	Control-State									
	<b>Project Total:</b>	<b>3,500,000</b>		<b>1,491,000</b>	<b>2,009,000</b>					
66	30000490 Leaking Tank Model Remedies									
	173-1 State Toxics	2,000,000		16,000	1,984,000					
	Control-State									
67	30000389 Water Irrigation Efficiencies Program									
	057-1 State Bldg	4,000,000	1,795,000	540,000	1,665,000					
	Constr-State									
68	30000144 Clean Up Toxics Sites - Puget Sound									
	057-1 State Bldg	511,000	511,000							
	Constr-State									
	15H-1 Cleanup Set	18,300,000	16,689,000	536,000	1,075,000					
	Acct-State									
	173-1 State Toxics	20,223,000	19,230,000	405,000	588,000					
	Control-State									
	<b>Project Total:</b>	<b>39,034,000</b>	<b>36,430,000</b>	<b>941,000</b>	<b>1,663,000</b>					
69	30000333 Dungeness Water Supply & Mitigation									
	057-1 State Bldg	2,050,000	132,000	257,000	1,661,000					
	Constr-State									
70	30000213 Watershed Plan Implementation and Flow Achievement									
	057-1 State Bldg	8,674,000	6,566,000	467,000	1,641,000					
	Constr-State									
71	92000156 Water Treatment Plant (Lakewood)									

**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority**  
2017-19 Biennium \*

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

Priority	Project by Account-EA Type	Estimated Total Expenditures	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
71	92000156 Water Treatment Plant (Lakewood) 057-1 State Bldg Constr-State	1,500,000			1,500,000					
72	92000085 Lower Yakima GWMA Program Development 057-1 State Bldg Constr-State	1,614,000		239,000	1,375,000					
73	20084029 Watershed Plan Implementation and Flow Achievement 057-1 State Bldg Constr-State	14,000,000	12,726,000		1,274,000					
74	91000181 Skagit Mitigation 057-1 State Bldg Constr-State	2,225,000	928,000	236,000	1,061,000					
75	30000332 Sunnyside Valley Irrigation District Water Conservation 057-1 State Bldg Constr-State	3,055,000	7,000	2,019,000	1,029,000					
76	30000431 Waste Tire Pile Cleanup and Prevention 08R-1 Waste Tire Removal A-State	1,000,000		258,000	742,000					
77	30000428 Reducing Toxic Diesel Emissions 173-1 State Toxics Control-State	1,000,000		273,000	727,000					
78	30000282 Padilla Bay Federal Capital Projects 001-2 General Fund-Federal	800,000	9,000	129,000	662,000					
79	30000351 Eastern Washington Clean Sites Initiative 19G-1 ELS Account-State	7,600,000	5,907,000	1,140,000	553,000					
80	20084008 Remedial Action Grants 057-1 State Bldg Constr-State 174-1 Local Toxics Control-State	54,121,000	42,402,000	11,177,000	542,000					
<b>Project Total:</b>		<b>92,996,000</b>	<b>81,277,000</b>	<b>11,177,000</b>	<b>542,000</b>					

**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority**  
2017-19 Biennium \*

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

Priority	Project by Account-EA Type	Estimated Total Expenditures	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
81	30000335 Padilla Bay Federal Capital Projects - Programmatic	500,000			500,000					
	001-2 General Fund-Federal	500,000			500,000					
82	30000028 Watershed Plan Implementation and Flow Achievement	6,000,000	5,506,000	63,000	431,000					
	057-1 State Bldg Constr-State	6,000,000	5,506,000	63,000	431,000					
83	19742006 Water Supply Facilities	3,899,000	3,899,000							
	05W-1 State Drought Prep-State	3,899,000	3,899,000							
	072-1 Improv-Water Supply-State	11,512,000	11,167,000	44,000	301,000					
	<b>Project Total:</b>	<b>15,411,000</b>	<b>15,066,000</b>	<b>44,000</b>	<b>301,000</b>					
84	30000265 Clean Up Toxics Sites - Puget Sound	15,202,000	14,832,000	94,000	276,000					
	173-1 State Toxics Control-State	15,202,000	14,832,000	94,000	276,000					
85	20062003 Watershed Plan Implementation and Flow Achievement	12,062,000	11,759,000	27,000	276,000					
	057-1 State Bldg Constr-State	12,062,000	11,759,000	27,000	276,000					
	11W-1 Water Quality C-State	151,000	151,000							
	139-1 Water Quality Acct-State	249,000	249,000							
	<b>Project Total:</b>	<b>12,462,000</b>	<b>12,159,000</b>	<b>27,000</b>	<b>276,000</b>					
86	30000323 Mercury Switch Removal	500,000	183,000	107,000	210,000					
	173-1 State Toxics Control-State	500,000	183,000	107,000	210,000					
87	30000278 Yakima Basin Integrated Water Management Plan Implementation	1,989,000	1,797,000	10,000	182,000					
	057-1 State Bldg Constr-State	1,989,000	1,797,000	10,000	182,000					
88	20042951 Twin Lake Aquifer Recharge Project	749,000	593,000		156,000					
	057-1 State Bldg Constr-State	749,000	593,000		156,000					
89	30000217 Eastern Washington Clean Sites Initiative									

**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority**  
2017-19 Biennium \*

Version: BI Biennial 17-19 Initial

Report Number: CBS001  
Date Run: 9/16/2016 8:11AM

**Project by Agency Priority**

Priority	Project by Account-EA Type	Estimated Total Expenditures	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
89	30000217 Eastern Washington Clean Sites Initiative	4,634,000	4,177,000	305,000	152,000					
	173-1 State Toxics Control-State									
90	20081951 Transfer of Water Rights for Cabin Owners	450,000	308,000	25,000	117,000					
	057-1 State Bldg Constr-State									
91	20052852 Quad Cities Water Right Mitigation	1,600,000	1,209,000	275,000	116,000					
	057-1 State Bldg Constr-State									
92	20084026 Yakima River Basin Water Storage Feasibility Study	4,959,000	4,877,000		82,000					
	057-1 State Bldg Constr-State									
93	30000029 Kittitas Groundwater Study	700,000	641,000		59,000					
	072-1 Improv-Water Supply-State									
94	20044006 Water Supply Facilities	6,514,000	6,514,000							
	057-1 State Bldg Constr-State									
	072-1 Improv-Water Supply-State	6,509,000	6,458,000	48,000	3,000					
	<b>Project Total:</b>	<b>13,023,000</b>	<b>12,972,000</b>	<b>48,000</b>	<b>3,000</b>					
	<b>Total</b>	<b>5,362,597,000</b>	<b>820,013,000</b>	<b>315,015,000</b>	<b>919,459,000</b>	<b>653,534,000</b>	<b>682,943,000</b>	<b>658,124,000</b>	<b>655,724,000</b>	<b>657,785,000</b>

**Total Account Summary**

Account-Expenditure Authority Type	Estimated Total Expenditures	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
001-2 General Fund-Federal	44,300,000	14,508,000	4,678,000	25,114,000					
057-1 State Bldg Constr-State	2,193,201,000	203,140,000	40,380,000	144,517,000	445,482,000	405,832,000	317,950,000	317,950,000	317,950,000
05W-1 State Drought Prep-State	10,622,000	3,899,000	4,694,000	2,029,000					

**461 - Department of Ecology  
Ten Year Capital Plan by Project Priority  
2017-19 Biennium**

Version: BI Biennial 17-19 Initial

Report Number: CBS001

Date Run: 9/16/2016 8:11AM

<b>Total Account Summary</b>										
<b>Account-Expenditure Authority Type</b>	<b>Estimated Total</b>	<b>Prior Expenditures</b>	<b>Current Expenditures</b>	<b>Reappropriation 2017-19</b>	<b>New Appropriation 2017-19</b>	<b>Estimated 2019-21</b>	<b>Estimated 2021-23</b>	<b>Estimated 2023-25</b>	<b>Estimated 2025-27</b>	
072-1 Improv-Water Supply-State	18,721,000	18,266,000	92,000	363,000						
08R-1 Waste Tire Removal A-State	6,000,000		258,000	742,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
10P-1 Col River Water-State	160,063,000	107,089,000	24,063,000	16,411,000	12,500,000					
11W-1 Water Quality C-State	151,000	151,000								
125-1 Site Closure Account-State	13,375,000	4,245,000	580,000	8,550,000						
139-1 Water Quality Acct-State	249,000	249,000								
15H-1 Cleanup Set Acct-State	133,112,000	40,598,000	15,651,000	25,504,000	28,760,000	18,191,000	4,408,000			
173-1 State Toxics Control-State	105,780,000	66,596,000	10,179,000	35,605,000	(6,600,000)					
174-1 Local Toxics Control-State	695,627,000	205,974,000	18,825,000	149,256,000	(34,723,000)	29,920,000	106,766,000	108,774,000	110,835,000	
18B-1 Col Riv Bas Acct-State	40,949,000	16,833,000	21,922,000	2,194,000						
19G-1 ELS Account-State	138,770,000	64,318,000	16,546,000	78,791,000	(20,885,000)					
296-1 Col River Bas Wtr Su-State	12,200,000		12,000	2,188,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	
355-1 St. Bld Const Acct-State	100,200,000		9,763,000	10,437,000	16,000,000	16,000,000	16,000,000	16,000,000	16,000,000	
727-1 Water Pollution Cont-State	1,257,072,000	36,508,000	79,369,000	341,195,000	160,000,000	160,000,000	160,000,000	160,000,000	160,000,000	
727-2 Water Pollution Cont-Federal	432,205,000	37,639,000	68,003,000	76,563,000	50,000,000	50,000,000	50,000,000	50,000,000	50,000,000	
<b>Total</b>	<b>5,362,597,000</b>	<b>820,013,000</b>	<b>315,015,000</b>	<b>919,459,000</b>	<b>653,534,000</b>	<b>682,943,000</b>	<b>658,124,000</b>	<b>655,724,000</b>	<b>657,785,000</b>	

\*\*\* *This page intentionally blank.* \*\*\*



STATE OF WASHINGTON

**DEPARTMENT OF ARCHAEOLOGY & HISTORIC PRESERVATION**

1063 S. Capitol Way, Suite 106 • Olympia, Washington 98501  
Mailing address: PO Box 48343 • Olympia, Washington 98504-8343  
(360) 586-3065 • Fax Number (360) 586-3067 • Website: [www.dahp.wa.gov](http://www.dahp.wa.gov)

August 22, 2006

Mr. Fran Huntington  
Facilities Management  
Department of Ecology  
PO Box 47600  
Olympia, Washington 98504-7600

Re: Ecology Regional Office Addition / Spokane  
Log No.: 082206-24-ECY

Dear Mr. Huntington:

Thank you for contacting our department pursuant to Executive Order 0505. We have reviewed the materials you provided for the proposed Ecology Regional Office Addition at N. 4601 Monroe, Spokane, Spokane County, Washington.

Based upon this information we concur with the finding the proposed project will have no effect upon cultural properties included in the National and State Registers of Historic Places and the Washington State Archaeological and Historic Sites Inventories. Thus, no historic properties are affected.

These comments are based on the information available at the time of this review and on behalf of the State Historic Preservation Officer in conformance with Executive Order 05-05.

Should additional information become available, our assessment may be revised, including information regarding historic properties that have not yet been identified. In the event that archaeological or historic materials are discovered during project activities, work in the immediate vicinity must stop, the area secured, and the concerned tribe's cultural staff and cultural committee and this department notified. Thank you for the opportunity to comment and a copy of these comments should be included in subsequent environmental documents.

Sincerely,

Robert G. Whitlam, Ph.D.  
State Archaeologist  
(360)586-3080  
email: [rob.whitlam@dahp.wa.gov](mailto:rob.whitlam@dahp.wa.gov)

\*\*\* *This page intentionally blank.* \*\*\*





DEPARTMENT OF  
**ECOLOGY**  
State of Washington

# **2017-19 Biennium Maintenance Backlog Reduction Plan**

August 30, 2016

## **Summary**

This Maintenance Backlog Reduction Plan meets the requirements of the Office of Financial Management's (OFM) [2017-27 Capital Budget Instructions](#) and RCW [43.88.030 \(5\)\(d\)](#). The plan addresses Ecology's deferred maintenance backlog and includes the following components:

- Discussion of normal maintenance activities and other strategies for preserving the condition of Ecology's facilities and reducing the maintenance backlog.
- Facility Assessments for Ecology-owned facilities.
- Prioritized list of specific facility deficiencies and capital projects proposed to address the deficiencies.
- Table 1: *Ecology's Facility Preservation Plan (Preservation Plan)* identifies Ecology's deferred maintenance and facility preservation requirements. Ecology updates this table periodically as maintenance and preservation needs change.

## **Preserving Ecology's Facilities**

The most significant challenge facing Ecology's facilities management team is preserving the condition of aging buildings through regular maintenance and significant repairs. Ecology reviewed all of its facilities in July 2015 as part of its annual facility inventory; we provided a report to OFM after this review was completed.

Ecology will address maintenance and preservation projects through Certificates of Participation (COP) financing and legislative appropriations. Budget requests submitted for the 2017-19 Biennium address current needs at Ecology facilities. For example, the parking garage at Ecology's Lacey Headquarters (HQ) facility has undergone regular maintenance and minor repairs since being constructed in 1993; major renovation is required to preserve the condition of the parking garage and prevent the facility from losing value. A 2013 *Parking Deck Condition Evaluation* completed by engineering consultants Weatherholt and Associates identified specific problems, including deteriorating concrete surfaces, exposed wire mesh on driving and parking surfaces, degraded joints, and cracked concrete slabs and columns. The 2013 evaluation provided specific recommendations and cost estimates that were used as a basis for the proposal included in Ecology's 2017-19 capital budget request.

Ecology develops maintenance schedules for facility infrastructure using recommended maintenance schedules from the manufacturer (when available) or historical data collected and published by [Whitestone Research](#). The agency uses staff observations and tests to monitor actual conditions and wear rates, and adjusts maintenance schedules accordingly. The Preservation Plan (shown in Table 1) assumes Ecology will perform maintenance on components and systems on time to prevent loss of warranty and accelerated wear or damage to interrelated components and systems. If Ecology is unable to follow maintenance schedules, a deferred maintenance backlog is created, and facility systems and components (such as HVAC or electrical backup systems) may experience accelerated wear or unexpected and potentially catastrophic failures. These problems can be costly and may result in a rapidly growing backlog, because Ecology must shift priorities to handle unscheduled maintenance and equipment failures.

### **Operating Budget Resources**

Following is a partial list of maintenance activities and contracted services that Ecology funds from its operating budget (approximate amounts per biennium):

<b>Activity</b>	<b>Approximate Biennium Amount</b>
Janitorial	\$439,875
Fire Protection	\$310,500
Security	\$310,500
Landscaping	\$289,800
Carpet Upkeep	\$238,050
Painting & Finishes	\$217,350
Electrical Maintenance	\$207,000
Card Access	\$155,250
<b>Biennium Total</b>	<b>\$2,168,325</b>

Ecology's 23 year old Lacey HQ facility has not experienced a catastrophic failure. However, while Ecology has been able to fund ongoing maintenance and repairs through the operating budget, as the HQ facility ages and the maintenance backlog grows, Ecology will require capital budget funding to address major preservation projects.

### **Normal Maintenance Activities**

Ecology uses the InfoCentre software system to keep track of normal maintenance activities. This system holds detailed information about facility infrastructure components and equipment, including the manufacturer, serial number, installation date, warranty information, physical location in the building, and criticality. InfoCentre is also used to create, assign, and track work orders for maintenance tasks. Normal maintenance activities are assigned to a specific staff person who will receive a prompt from InfoCentre in advance of scheduled routine maintenance.

Following is a list identifying a sample of normal maintenance activities for equipment at Lacey HQ funded through current operating resources:

<b>Equipment</b>	<b>Normal Maintenance Activity</b>	<b>Schedule</b>
Trash Bins	Empty	Nightly
Floor Coverings	Vacuum	Three times/week
Office Surfaces	Dust	Weekly
Restrooms	Clean	Nightly
Landscaping	Maintenance	As needed
Ceiling Vents	Clean	Monthly
Generator	Empty Sump Pump	Weekly
Generator	Inspection	Annually
Air Conditioning Units	Inspection	Quarterly
Air Conditioning Units	Clean	Annually
HVAC Water Pump	Inspection	Quarterly
HVAC Exhaust Fans	Visual Inspection	Quarterly
HVAC Supply Fans	Inspection	Bi-annually
Kitchen HVAC	Inspection	Bi-annually
Electric Heat Duct Coils	Inspection	Annually
Electric Unit Heaters	Inspection	Annually
Uninterruptible Power Supply (UPS) for IT Servers	Testing	Quarterly
Water Heaters	Testing	Quarterly
Water Heaters	Inspection	Annually
Stormwater Pump	Inspection	Annually

**Prioritization**

Ecology uses the following criteria to prioritize facility maintenance and preservation projects:

- Need to address an employee health or safety situation.
- Urgency of a deferred project (prevents or mitigates catastrophic losses).
- Return on investment in projects that will reduce costs (e.g., energy savings, risk reductions, and productivity gains).
- Timing of cyclical maintenance projects (major maintenance that must be completed to maintain functional and safe facilities).
- Effect on a facility and Ecology’s budget in the short and long term.
- Ability to combine projects to save money and limit disruption.

Administrative and facilities management staff meet monthly to identify new projects, report on the status of current projects, and set priorities. The team updates the Preservation Plan to reflect any new information or changing priorities.

Ecology's operating budget requests identify funding levels needed to reduce or eliminate any maintenance backlog and do preventative maintenance that will avoid creating a larger backlog of deferred maintenance items. The capital budget requests submitted each biennium include projects (like those identified in Table 1) to address specific facility deficiencies that contribute to Ecology's deferred maintenance backlog.

### **Facility Assessments**

Ecology conducts comprehensive routine maintenance using funds from the operating budget. This budget allows Ecology to provide safe, efficient, and well-maintained facilities for Ecology staff and the public.

The condition of Ecology-owned facilities is summarized below:

#### **Lacey HQ**

Ecology's Lacey HQ building is 23 years old, and has been generally kept in good condition. As the building ages, regular maintenance and potentially significant repairs will be required to preserve the condition of this facility and to ensure building operations are safe and efficient. Investments identified for the 2017-19 Biennium include projects to preserve aging parking infrastructure, improve on-site stormwater treatment, and replace failing HVAC components. These investments will help maintain the Lacey HQ facility value over time, protect the building from needing more costly repairs down the road, and improve the safety and efficiency of the building.

#### **Eastern Regional Office (ERO)**

Ecology's Eastern Regional Office (ERO) facility in Spokane is a state-owned office building that has been occupied since the 1980s. The parking lot is degraded so severely that it is a safety hazard. The parking lot repairs needed are extensive enough to trigger the City of Spokane's regulatory requirements for stormwater, so Ecology must add onsite treatment with this project. Investments identified for the 2017-19 Biennium include purchase of two adjacent land parcels to reconstruct the parking lot, install a stormwater treatment system, and complete landscaping as required by Spokane Municipal Code. This project will also provide space for potential future improvements to consolidate business operations and eliminate off-site leases.

#### **Padilla Bay Reserve**

The Padilla Bay National Estuarine Research Reserve (Padilla Bay NERR) is located 60 miles north of Seattle between Mount Vernon and Anacortes. This is a research-oriented facility with a limited amount of office space, comprised of several buildings located on 64 acres. Buildings include an office and meeting facility; an interpretive center; a historical farmhouse; a scientific research laboratory; a restored barn used as a storage and maintenance facility; a bunk house to accommodate research scientists, volunteers, and meeting participants; and a boat and equipment building. No major projects are planned for the 2017-19 Biennium, although normal maintenance will be required to keep the facility in good condition.

Projects and priorities that have changed since the 2015-17 Maintenance Backlog Reduction Plan include the following:

- Construct annex facility (\$3 million, scheduled for 2019-21 Biennium): The total cost of this project included purchasing two adjacent properties; site improvements, including parking and stormwater treatment; and constructing an annex facility. This project was separated into two phases, with purchase and site improvements in 2017-19 and potentially constructing an annex facility in 2019-21. Costs were also refined based on the ERO Master Plan that was completed in July 2016.
- HQ Parking Garage Preservation (\$1.4 million, scheduled for 2017-19 Biennium): This project was not identified as a priority in Ecology's 2015-17 plan because the HVAC and Emergency Generator replacements were the highest priority. Since then, conditions in the Lacey HQ parking garage have continued to degrade, so Ecology is pursuing capital funds to complete this preservation project.

### **Facility Preservation Plan**

Ecology has identified that the following projects are required to maintain safe work environments and preserve state assets. Deferring these projects may result in risks to employee safety, property devaluation, and potential liability:

**Table 1. Ecology’s Facility Preservation Plan**

Facilities Restoration and Preservation Projects by Biennia

<b>2017-19 Biennium</b>				
<b>Facility</b>	<b>Project</b>	<b>Project Cost</b>	<b>Fund Source</b>	<b>Priority</b>
Lacey HQ	Parking garage preservation	\$1,404,000	Capital Budget	2
	Asphalt surfaces maintenance & stormwater preservation	\$450,000	Capital Budget	3
	HQ VAV fan motor replacement	\$185,000	Capital Budget	
	Fire protection systems renovation	\$160,000	COP	4
Eastern Regional Office (ERO)	ERO land acquisition, stormwater treatment, and parking lot resurfacing	\$1,920,000	Capital Budget	1
<b>2019-21 Biennium</b>				
<b>Facility</b>	<b>Project</b>	<b>Project Cost</b>	<b>Fund Source</b>	<b>Priority</b>
Lacey HQ	Roof replacement	\$3,000,000	TBD	TBD
	Interior lights and re-lamping	\$900,000	TBD	TBD
	Upgrade key card access system	\$1,500,000	TBD	TBD
	Cafeteria repair, finishes, and furnishings	\$700,000	TBD	TBD
	Update copy, recycle, and break rooms	\$1,800,000	TBD	TBD
	Atrium preservation, painting, and finishes	\$800,000	TBD	TBD
	Elevator study	\$75,000	TBD	TBD
ERO	Construct generator & annex facility	\$1,682,000	TBD	TBD
<b>2021-23 Biennium</b>				
<b>Facility</b>	<b>Project</b>	<b>Project Cost</b>	<b>Fund Source</b>	<b>Priority</b>
Lacey HQ	Phase I system furniture replacement	\$2,750,000	TBD	TBD
	Elevator upgrades/renovation	\$2,000,000	TBD	TBD
	Electrical system renovation (transformers)	\$800,000	TBD	TBD
	Convert library to office space	\$150,000	TBD	TBD
<b>2023-25 Biennium</b>				
<b>Facility</b>	<b>Project</b>	<b>Project Cost</b>	<b>Fund Source</b>	<b>Priority</b>
Lacey HQ	Phase II system furniture replacement	\$2,750,000	TBD	TBD
	Server room UPS replacement	\$1,000,000	TBD	TBD
	Replace floor coverings	\$3,000,000	TBD	TBD
<b>2025-27 Biennium</b>				
<b>Facility</b>	<b>Project</b>	<b>Project Cost</b>	<b>Fund Source</b>	<b>Priority</b>
ERO	Elevator renovation	\$70,000	TBD	TBD

The plan reflects current priorities. These may change as Ecology identifies new projects or changes priorities of existing projects.

\*\*\* *This page intentionally blank.* \*\*\*



**461 - Department of Ecology  
Capital FTE Summary  
2017-19 Biennium**

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS004  
Date Run: 9/9/2016 11:09AM

**FTEs by Job Classification**

<u>Job Class</u>	Authorized Budget			
	2015-17 Biennium		2017-19 Biennium	
	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>
Comm Outreach & Enviro Ed Spec 3			2.0	2.0
EMS 4			0.8	0.8
Environmental Engineer 2			2.3	2.3
Environmental Engineer 3			3.5	3.5
Environmental Engineer 4			0.4	0.4
Environmental Engineer 5			1.4	1.4
Environmental Planner 3			4.0	4.0
Environmental Planner 4			6.1	6.1
Environmental Planner 5			1.0	1.0
Environmental Specialist 3			8.5	8.5
Environmental Specialist 4			8.4	8.4
Environmental Specialist 5			2.0	2.0
Fiscal Analyst 2			4.4	4.4
Hydrogeologist 3			1.3	1.3
Hydrogeologist 4			0.9	0.9
Hydrogeologist 5			0.3	0.3
IT Specialist 2			2.2	2.2
Management Analyst 5			1.0	1.0
WMS 2			0.3	0.3
<b>Total FTEs</b>			<b>50.8</b>	<b>50.8</b>

**Account**

<u>Account - Expenditure Authority Type</u>	Authorized Budget			
	2015-17 Biennium		2017-19 Biennium	
	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>
001-2 General Fund-Federal			87,836	87,836
057-1 State Bldg Constr-State			3,011,669	3,011,669
08R-1 Waste Tire Removal A-State			94,000	94,000
10P-1 Col River Water-State			697,883	697,883
15H-1 Cleanup Set Acct-State			1,565,700	1,565,700
173-1 State Toxics Control-State			105,000	105,000
<b>Total Funding</b>			<b>5,562,088</b>	<b>5,562,088</b>

**Narrative**

**461 - Department of Ecology**  
**Capital FTE Summary**  
**2017-19 Biennium**

\*

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS004

**Date Run:** 9/9/2016 11:09AM

**Narrative**

30000671 Reducing Toxic Diesel Emissions

This request requires a total of 1.15 FTEs to implement the diesel emission reduction grant program, including evaluating client needs and solutions, soliciting applications, contracting with grant recipients, contracting with technology and service vendors, providing technical assistance, processing vendor/recipient payments, and closing grant awards.

30000674 Reducing Toxic Woodstove Emissions

This project requires a total of 0.29 FTE to administer the grant program, evaluate client needs and solutions, solicit applications, and provide technical assistance. This is the same level of staffing supporting this capital project in the 2015-17 Biennium.

30000323 Mercury Switch Removal

This project requires a total of 0.58 FTE to provide technical assistance and outreach to auto recyclers and scrap processors to maximize business participation, including site visits, updating and distributing guidance documents and Web sites, and participating with national industry associations. This is the same level of FTE currently supporting this capital project in the 2015-17 Biennium.

30000536 Coastal Wetlands Federal Funds

This project requires 0.86 FTE in the 2017-19 Biennium. This position administers the federal grant program and manages the contracts with state, local and other federal partners.

30000706 Floodplains by Design

This project requires a total of 4.6 FTEs for the 2017-19 Biennium. FbD program staff provide outreach to local floodplain management agencies, coordination with our partners the Puget Sound Partnership and The Nature Conservancy, advise local project sponsors on the expectations of the program and project development, manage active projects, coordinate with other grant programs and Ecology's Coordinated Strategic Initiative, and assist with Ecology policy and budget development. Since the inception of the program, Ecology has slowly increased the amount of staff time involved in FbD to align with the number of projects and effort involved in efficient and effective project and financial management. Staffing needs are dependent on many factors including the number of grants, the complexity of the projects funded, and technical support needs.

30000537 Floodplains by Design

This project requires a total of 1.15 FTEs for the 2017-19 Biennium. FbD program staff provide outreach to local floodplain management agencies, coordination with our partners the Puget Sound Partnership and The Nature Conservancy, advise local project sponsors on the expectations of the program and project development, manage active projects, coordinate with other grant programs and Ecology's Coordinated Strategic Initiative, and assist with Ecology policy and budget development. Since the inception of the program, Ecology has slowly increased the amount of staff time involved in FbD to align with the number of projects and effort involved in efficient and effective project and financial management. Staffing needs are dependent on many factors including the number of grants, the complexity of the projects funded, and technical support needs.

30000670 ASARCO Cleanup

This project requires a total of 14.38 FTEs to continue to support the ASARCO remediation activities as part of the 10-year cleanup plan and maintain existing staff levels.

30000538 ASARCO Cleanup

This project requires a total of 0.58 FTE to support Ecology's work completing a feasibility study and drafting the Cleanup Action Plan (CAP) which will outline the cleanup actions that will be taken to address the contamination at the site.

30000280 ASARCO-Tacoma Smelter Plume and Mines

This project requires a total of 0.69 FTE to: (1) support Ecology's work through a remedial investigation and feasibility study to determine the extent of contamination; and, (2) support the final remedial investigation and feasibility study and coordinate with the

**461 - Department of Ecology**  
**Capital FTE Summary**  
 2017-19 Biennium

\*

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS004

**Date Run:** 9/9/2016 11:09AM

**Narrative**

U.S. Forest Service on non-time critical removal actions.

30000707 Remedial Action Grants

This project requires a total of 2.88 FTEs. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium. The RA grant program has two full-time grant administrators managing approximately 80 grants. They are responsible for grant writing, invoice review and approval, and grant status reporting. This core work assures prudent oversight and careful financial management of state funds. The grant administrators also provide technical expertise to program development and policy work and to agency-wide projects. This includes their input and review of policy documents and helping manage Ecology's grant and loan system.

30000672 Waste Tire Pile Cleanup and Prevention

This project requires a total of 1.15 FTEs. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium. Staff is required to manage and coordinate tire grant efforts and provide technical support for prevention, enforcement, and removal efforts.

30000535 Stormwater Financial Assistance Program (Delay)

Ecology requires 5.18 FTEs in this project, from the total 12.95 FTEs required for SFAP technical, budget and financial management. The remaining 7.77 FTEs are requested in the new Restore Stormwater project.

30000797 2015-17 Restored Stormwater Financial Assistance

Ecology requires 7.77 FTEs in this project, from the total 12.95 FTEs required for SFAP technical, budget and financial management. The remaining 5.18 FTEs are requested in the reappropriation request for project 30000535.

30000712 Columbia River Water Supply Development Program

This project requires a total of 4.45 FTEs to provide project oversight and management, technical assistance, and stakeholder coordination to individual projects. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium.

30000673 Sunnyside Valley Irrigation District

This project requires a total of 0.23 FTE to continue implementing Sunnyside Valley Irrigation District and Yakima River Basin Water Enhancement projects, contract management, oversight, and technical assistance. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium.

30000740 Water Irrigation Efficiencies Program

This project requires a total of 1.15 FTEs to continue working with conservation districts for a preliminary review of applicant water rights. This will determine the validity of the water rights and assess the net water savings calculation for the irrigation efficiency improvements. This is the same level of FTEs supporting this capital project in prior biennia. This request also supports 2.0 FTEs at SCC through the funds Ecology passes through to SCC in an interagency agreement.

30000714 Watershed Plan Implementation and Flow Achievement

This project requires a total of 1.50 FTEs to oversee project management of the individual conservation projects and provide technical expertise for storage feasibility studies and water acquisition. The increase from 2015-17 levels is due to anticipated increase in funding levels and the number of projects implemented that will require additional project management and oversight responsibility for staff managing the agreements.

30000711 Yakima River Basin Water Supply Program

This project requires 2.19 FTEs to provide project management, scientific expertise, contract oversight and support to implement Plan projects. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium. The Office of Columbia River manages both Columbia River and Yakima Integrated Plan project portfolios.

\*\*\* *This page intentionally blank.* \*\*\*

# Capital FTEs by Project for the 2017-19 Biennial Budget

September 9, 2016

*Purpose: The purpose of this report is to identify Ecology's requested Capital FTEs for the 2017-19 Biennial Budget.*

Project Title	Project #	Program	Total FTEs	Account	Explanation
Reducing Toxic Diesel Emissions	30000671	AQ	1.15	057-1	This request requires a total of 1.15 FTEs to implement the diesel emission reduction grant program, including evaluating client needs and solutions, soliciting applications, contracting with grant recipients, contracting with technology and service vendors, providing technical assistance, processing vendor/recipient payments, and closing grant awards.
Reducing Toxic Woodstove Emissions	30000674	AQ	0.29	057-1	This project requires a total of 0.29 FTE to administer the grant program, evaluate client needs and solutions, solicit applications, and provide technical assistance. This is the same level of staffing supporting this capital project in the 2015-17 Biennium.
Mercury Switch Removal	30000323	HWTR	0.58	173-1	This project requires a total of 0.58 FTE to provide technical assistance and outreach to auto recyclers and scrap processors to maximize business participation, including site visits, updating and distributing guidance documents and Web sites, and participating with national industry associations. This is the same level of FTE currently supporting this capital project in the 2015-17 Biennium.
Coastal Wetlands Federal Funds	30000536	SEA	0.86	001-2	This project requires 0.86 FTE in the 2017-19 Biennium. This position administers the federal grant program and manages the contracts with state, local and other federal partners.
Floodplains by Design	30000706	SEA	4.60	057-1	This project requires a total of 4.6 FTEs for the 2017-19 Biennium. FbD program staff provide outreach to local floodplain management agencies, coordination with our partners the Puget Sound Partnership and The Nature Conservancy, advise local project sponsors on the expectations of the program and project development, manage active projects, coordinate with other grant programs and Ecology's Coordinated Strategic Initiative, and assist with Ecology policy and budget development. Since the inception of the program, Ecology has slowly increased the amount of staff time involved in FbD to align with the number of projects and effort involved in efficient and effective project and financial management. Staffing needs are dependent on many factors including the number of grants, the complexity of the projects funded, and technical support needs.
Floodplains by Design	30000537	SEA	1.15	057-1	This project requires a total of 1.15 FTEs for the 2017-19 Biennium. FbD program staff provide outreach to local floodplain management agencies, coordination with our partners the Puget Sound Partnership and The Nature Conservancy, advise local project sponsors on the expectations of the program and project development, manage active projects, coordinate with other grant programs and Ecology's Coordinated Strategic Initiative, and assist with Ecology policy and budget development. Since the inception of the program, Ecology has slowly increased the amount of staff time involved in FbD to align with the number of projects and effort involved in efficient and effective project and financial management. Staffing needs are dependent on many factors including the number of grants, the complexity of the projects funded, and technical support needs.
ASARCO Cleanup	30000670	TCP	14.38	15H-1	This project requires a total of 14.38 FTEs to continue to support the ASARCO remediation activities as part of the 10-year cleanup plan and maintain existing staff levels.

Project Title	Project #	Program	Total FTEs	Account	Explanation
ASARCO Cleanup	30000538	TCP	0.58	15H-1	This project requires a total of 0.58 FTE to support Ecology's work completing a feasibility study and drafting the Cleanup Action Plan (CAP) which will outline the cleanup actions that will be taken to address the contamination at the site.
ASARCO-Tacoma Smelter Plume and Mines	30000280	TCP	0.69	15H-1	This project requires a total of 0.69 FTE to: (1) support Ecology's work through a remedial investigation and feasibility study to determine the extent of contamination; and, (2) support the final remedial investigation and feasibility study and coordinate with the U.S. Forest Service on non-time critical removal actions.
Remedial Action Grants	30000707	TCP	2.88	057-1	This project requires a total of 2.88 FTEs. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium. The RA grant program has two full-time grant administrators managing approximately 80 grants. They are responsible for grant writing, invoice review and approval, and grant status reporting. This core work assures prudent oversight and careful financial management of state funds. The grant administrators also provide technical expertise to program development and policy work and to agency-wide projects. This includes their input and review of policy documents and helping manage Ecology's grant and loan system.
Waste Tire Pile Cleanup and Prevention	30000672	W2R	1.15	08R-1	This project requires a total of 1.15 FTEs. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium. Staff is required to manage and coordinate tire grant efforts and provide technical support for prevention, enforcement, and removal efforts.
2015-17 Delay Stormwater Financial Assist.	30000535	WQ	5.18	057-1	Ecology requires 5.18 FTEs in this project, from the total 12.95 FTEs required for SFAP technical, budget and financial management. The remaining 7.77 FTEs are requested in the new Restore Stormwater project.
2015-17 Restored Stormwater Financial Assist.	30000797	WQ	7.77	057-1	Ecology requires 7.77 FTEs in this project, from the total 12.95 FTEs required for SFAP technical, budget and financial management. The remaining 5.18 FTEs are requested in the reappropriation request for project 30000535.
Columbia River Water Supply Development	30000712	WR	4.45	10P-1	This project requires a total of 4.45 FTEs to provide project oversight and management, technical assistance, and stakeholder coordination to individual projects. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium.
Sunnyside Valley Irrigation District	30000673	WR	0.23	057-1	This project requires a total of 0.23 FTE to continue implementing Sunnyside Valley Irrigation District and Yakima River Basin Water Enhancement projects, contract management, oversight, and technical assistance. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium.
Water Irrigation Efficiency Program	30000740	WR	1.15	057-1	This project requires a total of 1.15 FTEs to continue working with conservation districts for a preliminary review of applicant water rights. This will determine the validity of the water rights and assess the net water savings calculation for the irrigation efficiency improvements. This is the same level of FTEs supporting this project in prior biennia. This request also supports 2.0 FTEs at SCC through the funds Ecology passes through to SCC in an interagency agreement.
Watershed Plan Implementation and Flow Achievement	30000714	WR	1.50	057-1	This project requires a total of 1.50 FTEs to oversee project management of the individual conservation projects and provide technical expertise for storage feasibility studies and water acquisition. The increase from 2015-17 levels is due to anticipated increase in funding levels and the number of projects implemented that will require additional project management and oversight responsibility for staff managing the agreements.
Yakima River Basin Water Supply Program	30000711	WR	2.19	057-1	This project requires 2.19 FTEs to provide project management, scientific expertise, contract oversight and support to implement Plan projects. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium. The Office of Columbia River manages both Columbia River and Yakima Integrated Plan project portfolios.
<b>Total FTEs</b>			<b>50.75</b>		

## 2017-19 Capital Budget Requests Supporting the Puget Sound Action Agenda

September 9, 2016

Project Request	Sub-strategy	Ongoing Program	Regional Priorities	Biennial Science Workplan Action	Near-term action	Puget Sound Dollars	Total Dollars
1. 92000076 Storm Water Improvements (MTCA Bond Backfill)	10.3 Fix problems caused by existing development	Stormwater Programs (NPDES Phase 1 and 11 implementation)-Municipal stormwater discharge permit holders-Cities and Counties	10.3-1, 10.3-4			\$46,541,000	\$77,568,000
2. 30000374 Remedial Action Grants (MTCA Bond Backfill)	21.2 Clean up contaminated sites within and near Puget Sound 10.3 Fix problems caused by existing development		10.3-2			\$22,796,000	\$31,228,000
3. 3000458 Remedial Action Grants (MTCA Bond Backfill)	21.2 Clean up contaminated sites within and near Puget Sound 10.3 Fix problems caused by existing development		10.3-2			\$35,620,000	\$47,493,000
4. 30000535 Storm Water Financial Assistance Program (MTCA Bond Backfill)	10.3 Fix problems caused by existing development	Stormwater Programs (NPDES Phase 1 and 11 implementation)-Municipal stormwater discharge permit holders-Cities and Counties	10.3-1, 10.3-4			\$18,720,000	\$31,200,000
5. 30000542 Cleanup Toxics Sites Puget Sound (MTCA Bond Backfill)	21.2 Clean up contaminated sites within and near Puget Sound 10.3 Fix problems caused by existing development		10.3-2			\$13,564,000	\$13,564,000
6. 30000710 Water Pollution Control Revolving Program	10.1 Manage urban runoff at the basin and watershed scale	Puget Sound Watershed Characterization Assessment-Ecology	10.1-1, 10.1-2, 10.1-3			\$117,180,000	\$210,000,000
	13.3 Improve and expand funding for small and local onsite sewage systems	Septic Systems Improvement Loan Program-Department of Ecology Onsite Sewage Financial Assistance-Department of Ecology, Regional Onsite Sewage system Loan Program-Department of Ecology.				\$7,560,000	
	11.1 Target voluntary and incentive-based programs that help working farms contribute to Puget Sound recovery	Nutrient Management plans, technical assistance, local conservation districts				\$1,260,000	
7. 30000763 Restore 2015-17 Clean Up Toxics Sites - Puget Sound	21.2 Clean up contaminated sites within and near Puget Sound 10.3 Fix problems caused by existing development		10.3-2			\$5,412,000	\$5,412,000
8. 30000797 Restore 2015-17 Stormwater Financial Assistance	10.3 Fix problems caused by existing development	Stormwater Programs (NPDES Phase 1 and 11 implementation)-Municipal stormwater discharge permit holders-Cities and Counties	10.3-1, 10.3-4			\$18,060,000	\$30,100,000

Project Request	Sub-strategy	Ongoing Program	Regional Priorities	Biennial Science Workplan Action	Near-term action	Puget Sound Dollars	Total Dollars
9. 3000706 Floodplains by Design	5.4 Implement and maintain priority floodplain restoration projects			SWA 2016-01t	2016-0019	\$27,000,000	\$70,000,000
10. 3000796 Stormwater Financial Assistance Program (SFAP)	10.3 Fix problems caused by existing development	Stormwater Programs (NPDES Phase 1 and 11 implementation)- Municipal stormwater discharge permit holders-Cities and Counties	10.3-1, 10.3-4			\$26,520,000	\$44,200,000
11. 3000705 Centennial Clean Water Program	10.1 Manage urban runoff at the basin and watershed scale	Puget Sound Watershed Characterization Assessment-Ecology	10.1-1, 10.1-2, 10.1-3			\$3,600,000	\$60,000,000
	13.3 Improve and expand funding for small and local onsite sewage systems	Septic Systems Improvement Loan Program-Department of Ecology Onsite Sewage Financial Assistance- Department of Ecology, Regional Onsite Sewage system Loan Program- Department of Ecology.				\$1,800,000	
	11.1 Target voluntary and incentive-based programs that help working farms contribute to Puget Sound recovery	Nutrient Management plans, technical assistance, local conservation districts				\$4,320,000	
12. 3000707 Remedial Action Grants	21.2 Clean up contaminated sites within and near Puget Sound		10.3-2			\$26,503,000	\$39,879,000
13. 3000749 Clean Up Toxics Sites - Puget Sound	21.2 Clean up contaminated sites within and near Puget Sound 10.3 Fix problems caused by existing development		10.3-2			\$20,140,000	\$20,140,000
14. 3000670 ASARCO Cleanup	21.2 Clean up contaminated sites within and near Puget Sound					\$28,760,000	\$28,760,000
15. 3000714 Watershed Plan Implementation and Flow Achievement	7. Protect and conserve freshwater resources to increase and sustain water availability for instream flows					\$2,500,000	\$10,000,000
16. 3000671 Reducing Toxic Diesel Emissions	9.1 Implement and strengthen authorities and programs to prevent toxic chemicals from entering the Puget Sound ecosystem 9.3 Adopt and implement plans and control strategies to reduce pollutant releases into Puget Sound from air emissions					\$3,350,000	\$5,000,000
17. 3000674 Reducing Toxic Woodstove Emissions	9.1 Implement and strengthen authorities and programs to prevent toxic chemicals from entering the Puget Sound ecosystem 9.3 Adopt and implement plans and control strategies to reduce pollutant releases into Puget Sound from air emissions					\$2,680,000	\$4,000,000
18. 3000669 Leaking Tank Model Remedies	21.2 Clean up contaminated sites within and near Puget Sound		10.3-5			\$760,000	\$1,950,000
<b>Total Capital Requests in Support of the Puget Sound Action Agenda</b>						<b>\$434,646,000</b>	



**Department of Ecology  
2017-2019 Capital Budget**

**Table of Contents**

**Tab B      Preservation Projects**

- 1. 30000713 Lacey Headquarters Facility Preservation Projects .....51
- 2. 30000282 Padilla Bay Federal Capital Projects .....59

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:26PM

Project Number: 30000713

Project Title: Lacey Headquarters (HQ) Facility Preservation Projects

**Description**

Starting Fiscal Year: 2018

Project Class: Preservation

Agency Priority: 29

**Project Summary**

Ecology's Lacey HQ facility is more than 20 years old. Regular maintenance is required to keep this facility in good condition and ensure building operations are safe and efficient. The specific projects included in this request for the 2017-19 biennium address critical needs that cannot be deferred to a later time. These include: - Preserving the facility's parking garage; - Improving the condition of asphalt surfaces on access roads and parking areas and adjacent stormwater infrastructure; and - Replacing failing HVAC fan motor components. Completing these projects will preserve the condition of the HQ facility, help maintain its value over time, and protect the building from needing more costly repairs down the road.

**Project Description****What is the proposed project?**

This request for \$2,039,000 will help Ecology make the following improvements to the HQ facility in Lacey:

HQ Parking Garage Preservation-- \$1,404,000

The parking garage at Ecology's Lacey HQ facility has undergone regular maintenance and minor repairs since being constructed in 1993. Major renovation is required to preserve the condition of the parking garage and prevent the facility from losing value. Specific problems identified by a September 30, 2013 *Parking Deck Condition Evaluation*, completed by engineering consultants Weatherholt and Associates, include:

- Deteriorated concrete surfaces,
- Exposed wire mesh on driving and parking surfaces,
- Degraded joints, and
- Cracked concrete slabs and columns.

The 2013 evaluation provides specific recommendations and cost estimates that were used as a basis for this proposal. This project will preserve the condition of the Lacey HQ parking garage and help avoid major repairs for several biennia. If this project is delayed, further deterioration is likely and repairs would be more costly.

HQ Minor Works Projects-- \$635,000

HQ Asphalt Surfaces Maintenance & Stormwater Preservation (\$450,000)

Asphalt surfaces at Ecology's Lacey HQ are degraded and require significant maintenance and repair. These surfaces are located in the back parking lot and on the entrance and fire access roads for a total of 173,226 square feet. Adjacent stormwater infrastructure including bioswales and retention ponds need excavation to remove sediments that have accumulated over time.

This request differs from Ecology's 2015-17 Maintenance Backlog Reduction Plan in that the estimate back then for \$150,000 was only for basic sealing and re-striping the asphalt parking lot and did not include preservation costs for the stormwater system. Since then, the asphalt has further deteriorated in various places and must be repaired to stop further weather damage and ensure a safe walking surface.

HQ Variable Air Volume (VAV) Box Fan Motor Replacement (\$185,000)

The Heating, Ventilating, and Air Conditioning (HVAC) system at Ecology's Lacey HQ includes VAV boxes with fan motor components, some of which are past their life expectancy. Five of these motors failed during March through April 2016; another 20 motors failed in May through June, and there are about 276 fan motor components that need to be replaced in VAV boxes

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:26PM

Project Number: 30000713

Project Title: Lacey Headquarters (HQ) Facility Preservation Projects

**Description**

throughout the building. Failing fan motors have caused costly repairs that had to be done during business hours, resulting in disruption to staff working at the facility. In one instance, a failing fan motor caused smoke that led to a lengthy building evacuation. Building contractor McKinstry has provided Ecology with cost estimates for this project. Completing this project will ensure efficient and safe operation of the Lacey HQ facility's HVAC system.

These VAV boxes were not repaired or replaced as part of the HVAC project funded in the 2016 Supplemental Operating Budget through a Certificate of Participation; during an audit of the old HVAC system's performance in 2013 it was determined that this was not a critical part of that project. VAV fan motors did not start to fail at a regular rate until 2015.

**What opportunity or problem is driving this request?****The reason for the project:**

Ecology's Lacey HQ facility is more than 20 years old. Regular maintenance is required to keep this facility in good condition and ensure building operations are safe and efficient. Completing the preservation projects included in this request will reduce needs on Ecology's deferred maintenance backlog. For example, preserving the condition of the parking garage by fixing known deficiencies will prevent further deterioration and help avoid more costly repairs down the road.

**The effects of non-funding:**

If these projects are not funded, the Lacey HQ facility would be at risk from degradation and loss of value, and the safety of employees, building tenants, and visitors could be compromised by failing HVAC components.

**How does the project support the agency and statewide results?**

This request is essential to implementing Ecology's strategic plan— specifically, to Deliver Efficient and Effective Services and provide well-maintained, safe, and efficient facilities. The repairs and improvements included in this request are critical steps to keeping Ecology's HQ facility in good condition so that it may continue to provide a safe and efficient operating base for Ecology's programs, administration, and public visitors.

This request supports the Governor's Results Washington Goal 5 Efficient, Effective, and Accountable Government by ensuring Ecology facilities are safe, well-maintained, and operate efficiently.

**What are the specific benefits of this project?**

The HQ facility is Ecology's home base, providing office space and infrastructure for more than 900 employees. This building is also an important link to the community and Ecology's stakeholders, who come here for information on Ecology's environmental programs and to do business with us. This includes environmental permit approvals, public meetings, and projects and policy initiatives that also involve local and federal government agencies. This request is an investment in Ecology's important environmental work and an investment in the community.

**How will clients be affected and services change if this project is funded?**

Funding this request will allow Ecology to continue providing services to stakeholders, including citizens, businesses, and government partners. If this request is not funded, Ecology's services could be impacted negatively as the condition of the HQ facility continues to degrade.

**Are FTEs required to support this project?**

No.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:26PM

Project Number: 30000713

Project Title: Lacey Headquarters (HQ) Facility Preservation Projects

**Description****How will the other state programs or units of government be affected if this project is funded?**

Funding this request will positively impact Ecology and other agencies and government entities that work closely with us. The Lacey HQ facility provides a safe and efficient operating base for Ecology environmental programs, administration in Lacey and Southwest Washington, and houses partner agencies like the Washington Conservation Commission, the federal Environmental Protection Agency (EPA), and the Pollution Liability Insurance Agency. Maintaining the HQ facility in good condition will benefit these agencies directly.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

This request includes repairs and improvements that will maintain the good condition of Ecology's Lacey HQ facility and prevent it from losing value over time.

**HQ PARKING GARAGE PRESERVATION**

Delaying this project is not a good alternative—putting off these critical repairs would only create the need for more costly repairs in the future. The specific problems identified by the *Parking Deck Condition Evaluation* completed in 2013 will get worse over time, and other deterioration is likely.

**HQ ASPHALT SURFACES MAINTENANCE & STORMWATER PRESERVATION**

If this project is delayed or eliminated, the condition of asphalt roads and parking surfaces at Lacey HQ would continue to degrade, potentially causing unsafe driving conditions for employees, contractors, and the public. Delaying this project would also allow additional sediment to accumulate in stormwater infrastructure, reducing the performance of this system. Excavation cannot be delayed because the facility's stormwater system capacity is limited by sediment accumulation. The system has already reached capacity and water is bypassing the first stage of treatment swales. This causes sediment to go directly into the storm water ponds and fills them. It also causes sediment buildup and standing water in parts of the parking lot, creating a slipping hazard when it freezes.

**HQ VAV BOX FAN MOTOR REPLACEMENT**

There is no reasonable alternative to this project—fan motors in VAV boxes throughout the Lacey HQ facility are failing at an alarming rate and have already caused significant disruption to staff and building tenants. Five fan motors failed during March through April 2016. One of these failures caused smoke that led to a lengthy building evacuation, affecting approximately 925 building occupants. The five motors that failed were replaced during business hours by building contractor McKinstry Mechanical at an average cost of \$1,522 each. The cost of repairing VAV boxes depends on their size, accessibility of the box, and restoring the location once repaired. For example, moving furniture, setting up scaffolding, and repairing sheet rock and other building infrastructure adds to the cost of the repair. Ecology received \$8,000 in emergency repair funding from the Office of Financial Management to help cover the cost of replacing these motors through section 1078 of the 2015-17 Capital Budget.

The twenty motors that failed in May through June 2016 were replaced during business hours at a total cost of \$19,458, an average of \$973 each. Delaying this project is not possible, because these motors are a critical component of the building's HVAC system and are needed for the system to perform safely and efficiently. Completing this work as one project in advance

461 - Department of Ecology  
**Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:26PM

Project Number: 30000713

Project Title: Lacey Headquarters (HQ) Facility Preservation Projects

**Description**

of fan motors failing will allow the work to take place outside of business hours which is less costly (at approximately \$671 per motor) and will avoid the cost of further disruption to staff who work in the Lacey HQ facility.

**What is the agency's proposed funding strategy for the project?**

The proposed option for the parking garage preservation is long-term bond funding. The proposed option for other projects included in this request is short-term, minor works funding. If funded, these project components will be completed within the 2017-19 Biennium.

**Location**

City: Lacey

County: Thurston

Legislative District: 022

**Project Type**

Facility Preservation (Minor Works)

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,039,000				2,039,000
	<b>Total</b>	<b>2,039,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,039,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Bob Bergquist</u>	<b>Email:</b>	<u>bobe461@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7012</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>HQ Parking Garage Preservation</u>
<b>Project Number:</b>	<u>30000713</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

Agency	Ecology	
Project Name	Parking Garage Preservation	
OFM Project Number		

**Contact Information**

Name	Bob Bergquist	
Phone Number	360-407-7012	
Email	<a href="mailto:bobe461@ecy.wa.gov">bobe461@ecy.wa.gov</a>	

**Statistics**

Gross Square Feet	47,446	MACC per Square Foot	\$19
Usable Square Feet	N/A	Escalated MACC per Square Foot	\$22
Space Efficiency		A/E Fee Class	C
Construction Type	Parking structures and g	A/E Fee Percentage	11.86%
Remodel	Yes	Projected Life of Asset (Years)	50

**Additional Project Details**

Alternative Public Works Project		Art Requirement Applies	No
Inflation Rate	2.80%	Higher Ed Institution	No
<a href="#">Sales Tax Rate %</a>	8.70%	Location Used for Tax Rate	Lacey
Contingency Rate	10%		
Base Month	September-13		
Project Administered By	DES		

**Schedule**

Predesign Start	March-13	Predesign End	September-13
Design Start	July-17	Design End	December-17
Construction Start	May-18	Construction End	October-18
Construction Duration	5 Months		

Green cells must be filled in by user

**Project Cost Estimate**

Total Project	<b>\$1,219,250</b>	Total Project Escalated	<b>\$1,403,506</b>
		Rounded Escalated Total	<b>\$1,404,000</b>



**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

Agency	Ecology	
Project Name	Parking Garage Preservation	
OFM Project Number		

**Cost Estimate Summary**

Acquisition			
<b>Acquisition Subtotal</b>	<b>\$0</b>	<b>Acquisition Subtotal Escalated</b>	<b>\$0</b>

Consultant Services			
Predesign Services	\$0		
A/E Basic Design Services	\$80,476		
Extra Services	\$20,000		
Other Services	\$36,156		
Design Services Contingency	\$13,663		
<b>Consultant Services Subtotal</b>	<b>\$150,294</b>	<b>Consultant Services Subtotal Escalated</b>	<b>\$171,349</b>

Construction			
Construction Contingencies	\$89,400	Construction Contingencies Escalated	\$103,651
Maximum Allowable Construction Cost (MACC)	\$894,000	Maximum Allowable Construction Cost (MACC) Escalated	\$1,029,888
Sales Tax	\$85,556	Sales Tax Escalated	\$98,618
<b>Construction Subtotal</b>	<b>\$1,068,956</b>	<b>Construction Subtotal Escalated</b>	<b>\$1,232,157</b>

Equipment			
Equipment	\$0		
Sales Tax	\$0		
Non-Taxable Items	\$0		
<b>Equipment Subtotal</b>	<b>\$0</b>	<b>Equipment Subtotal Escalated</b>	<b>\$0</b>

Artwork			
<b>Artwork Subtotal</b>	<b>\$0</b>	<b>Artwork Subtotal Escalated</b>	<b>\$0</b>

Agency Project Administration			
Agency Project Administration Subtotal	\$0		
DES Additional Services Subtotal	\$0		
Other Project Admin Costs	\$0		
<b>Project Administration Subtotal</b>	<b>\$0</b>	<b>Project Administration Subtotal Escalated</b>	<b>\$0</b>

Other Costs			
<b>Other Costs Subtotal</b>	<b>\$0</b>	<b>Other Costs Subtotal Escalated</b>	<b>\$0</b>

Project Cost Estimate			
Total Project	<b>\$1,219,250</b>	Total Project Escalated	<b>\$1,403,506</b>
		Rounded Escalated Total	<b>\$1,404,000</b>

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 12:02PM

Project Number: 30000282

Project Title: Padilla Bay Federal Capital Projects

**Description**

Starting Fiscal Year: 2012  
 Project Class: Preservation  
 Agency Priority: 78

**Project Summary**

Ecology requests reappropriation authority for an annual national competitive grant program through the National Oceanic and Atmospheric Administration's Estuarine Reserve Division that funds facility construction, remodeling, and property acquisition at the Padilla Bay Estuarine Reserve. Ecology's Padilla Bay Estuarine Reserve is eligible to apply for a 70 percent federal grant with a 30 percent match required for the awards to be obtained from donations, in-kind contributions, and other non-state sources. This funding was originally appropriated in the 2011-13 Biennium. (General Fund Federal)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Location**

City: Mount Vernon

County: Skagit

Legislative District: 040

**Project Type**

Facility Preservation (Minor Works)

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
001-2	General Fund-Federal	800,000	9,000	129,000	662,000	
	<b>Total</b>	<b>800,000</b>	<b>9,000</b>	<b>129,000</b>	<b>662,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
001-2	General Fund-Federal					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

**Department of Ecology  
2017-2019 Capital Budget**

**Table of Contents**

**Tab C      Programmatic Projects**

1. 30000741 Eastern Regional Office Improvements and Stormwater Treatment .....63
2. 30000335 Padilla Bay Federal Capital Projects – Programmatic .....73

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:34PM

Project Number: 30000741

Project Title: Eastern Regional Office Improvements and Stormwater Treatment

**Description**

Starting Fiscal Year: 2018

Project Class: Program

Agency Priority: 28

**Project Summary**

Ecology's Eastern Regional Office (ERO) facility in Spokane is a state-owned office building that has been occupied since the 1980s. The parking lot is degraded so severely that it is a safety hazard. The parking lot repairs needed are extensive enough to trigger the City of Spokane's regulatory requirements for stormwater, so Ecology must add onsite treatment with this project. Ecology proposes to purchase two adjacent land parcels to reconstruct the parking lot, install a stormwater treatment system, and complete landscaping as required by Spokane Municipal Code. This project will also provide space for future improvements to consolidate business operations and eliminate off-site leases. (State Building Construction Account)

**Project Description****What is the proposed project?**

This request for \$1,920,000 will improve the ERO facility in Spokane through securing space for current property needs and future improvements; resurfacing the parking lot; installing landscaping; and addressing stormwater treatment requirements. The components of this request include:

- \$463,000 to purchase neighboring properties.
- \$218,124 for consultant services, including environmental review and planning.
- \$1,100,445 for construction, including demolition; site preparation; parking surface renovation; installing stormwater treatment components; landscaping; and installing six dual-head electric vehicle (EV) charging stations.
- \$138,494 for project management.

Ecology consulted with ALSC Architects to update the ERO Site Master Plan in July 2016. Updates in the plan include costs for improvements to parking surfaces and stormwater treatment infrastructure. Parking surfaces at ERO are severely deteriorated and need major renovation after more than 30 years of use and periodic patching. Completing this project will repair the ERO parking surfaces and add the required stormwater treatment that will benefit the Spokane River Watershed and the Spokane Valley-Rathdrum Prairie Aquifer (Spokane Aquifer).

This request will enlarge ERO's land base to repair the parking area and allow for required landscaping and stormwater improvements without losing an already limited number of parking spaces. There is currently no stormwater treatment at ERO. Spokane Municipal Code (SMC) requires stormwater treatment and landscaping be included with any projects that involve the addition or replacement of any impervious surface<sup>1</sup>. Engineers from the City of Spokane's Planning & Development Department have indicated that the planned reconstruction of parking surfaces at ERO is extensive enough to require installing stormwater treatment as specified by SMC and the Spokane Regional Stormwater Manual. Adding pervious surface area will allow us to select cost-effective and environmentally-preferred treatment options, like weirs, berms, and bioswales.

The parcels identified for purchase are located on the southwest corner of the same city block as the ERO facility, at 4508 and 4502 N Madison Street (refer to attached map). Ecology has completed an initial scoping review of these properties to identify any environmental and land use planning concerns that might come up during the development process, with the following results:

- Properties are currently zoned RSF (Residential Single Family).
- Each parcel has a residential structure that will need to be demolished.
- One of the properties is a rental, the other is owner-occupied.
- Both parcels are flat, previously developed urban lots.
- Existing utilities include domestic water, sewer, electric, natural gas, telephone/data, cable TV.
- No surface water resources.
- Not located in floodplain areas.
- Consultation with State Department of Archaeology and Historic Preservation (DAHP) database indicates no archaeological or

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:34PM

Project Number: 30000741

Project Title: Eastern Regional Office Improvements and Stormwater Treatment

**Description**

historical resources nearby.

-Search of Ecology Toxics Control Program database indicates no nearby contaminated sites or known environmental hazards.

-No known sensitive environmental resources onsite or nearby.

The City of Spokane has expressed support for Ecology's planned improvements to ERO.

If Ecology is not able to acquire adjacent properties, stormwater treatment and landscaping will have to be addressed within the existing footprint of the parking lot at ERO. The lack of space and pervious surface area available would limit the options for managing stormwater at ERO, and would likely require on-site stormwater storage with more expensive ongoing operation and maintenance costs for periodic pumping and sediment removal. This option would result in the loss of approximately 30 parking spaces. ERO currently has a total of 149 parking spaces—97 for staff, 42 for official vehicles, 8 for visitors, and 2 Americans with Disabilities Act spaces. This loss of parking capacity would impact the more than 130 employees who work at ERO, and ERO visitors as well.

If Ecology does acquire the adjacent properties, future improvements (not part of this request) include adding space at ERO for equipment storage and laboratory services. These improvements will provide needed space for fieldwork gear storage, a suitable environment for field sample preparation and analysis (laboratory services), secure chain-of-custody storage for laboratory samples, and storage space for spill response equipment and hazardous materials storage. Space for these mission-critical activities is currently leased at six properties around the Spokane area. A cost-benefit analysis indicates that consolidating these activities onsite at Ecology's ERO facility will be considerably more efficient, saving lease costs and staff travel time and fuel. Having equipment onsite will also improve response time in the event of an emergency hazardous spill. The ERO Site Master Plan includes constructing a \$1,682,000 annex facility during the 2019-2021 Biennium that would allow Ecology to consolidate program functions in Spokane. Ecology will consider requesting funding for the annex after the properties are purchased and improvements to the parking and stormwater treatment are complete.

*Refer to Spokane Municipal Code sections 17D.060.030 (Standards), 17D.060.140 (Runoff and Infiltration Controls), and 17D.060.300 (Low Impact Development) and Spokane Regional Stormwater Manual sections 2.1.1 (Regulatory Threshold), 2.1.3 (Redevelopment), and 2.2 (Basic Requirements).*

**What opportunity or problem is driving this request?****The reason for the project:**

Parking surfaces at Ecology's ERO are severely degraded, and the current site does not provide any treatment for stormwater runoff. This request will improve safety of parking surfaces onsite and address the lack of stormwater treatment at the ERO facility. The improvements needed to the parking lot are extensive enough that the City of Spokane will require Ecology to install onsite stormwater treatment. If we don't purchase adjacent land parcels to add pervious surface area, Ecology would not have adequate space to provide the required onsite stormwater treatment. Untreated runoff may contain contaminants that can adversely affect water quality in the Spokane Aquifer and Spokane River Watershed. Ecology will install onsite stormwater treatment before runoff reaches local water sources, providing environmental protection as required by the Spokane Municipal Code and the Spokane Regional Stormwater Manual. Renovated parking surfaces at ERO will also improve safety for drivers and pedestrians.

**The effects of non-funding:**

Ecology cannot safely defer total renovation of the ERO parking lot, because it has degraded to the point that minor patching and sealing no longer work. The consequences of not funding improvements to ERO's parking lot would be continued degradation of parking surfaces, increasing the severity of unsafe conditions for drivers and pedestrians. Not funding the stormwater treatment infrastructure would allow polluted runoff to continue flowing into local water systems. Ecology would also forgo the future opportunity to consolidate space, implement program efficiencies, and improve response times.



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:34PM

Project Number: 30000741

Project Title: Eastern Regional Office Improvements and Stormwater Treatment

**Description****How does the project support the agency and statewide results?**

This request is essential to implementing Ecology's strategic plan—specifically, to Deliver Efficient and Effective Services and provide well-maintained, safe, and efficient facilities. Improving the safety of ERO's parking lot is a critical step toward keeping this facility in good condition so it will continue to provide a safe and efficient operating base for Ecology's programs and administration in Eastern Washington.

This request supports the Governor's Results Washington Goal 5 Efficient, Effective, and Accountable Government by ensuring Ecology facilities are safe, well-maintained, and operate efficiently.

This request also supports the priority of Sustainable Energy and a Clean Environment by adding stormwater treatment and infiltration at ERO, helping improve water quality in the Spokane River Watershed and Spokane Aquifer.

Funding this request will also help meet the Governor's goals under the Electric Fleets Initiative by adding charging capacity for 12 electric vehicles.

**What are the specific benefits of this project?**

This request is an investment in important environmental work and in the community. The ERO facility is Ecology's home base in Eastern Washington, providing office space and supporting business needs for more than 130 employees. This building is a critical link to the community, stakeholders, and government entities that do business with Ecology for environmental permit approvals, public meetings, projects, policy initiatives, etc.

Installing stormwater treatment at the ERO facility as required by Spokane Municipal Code and the Spokane Regional Stormwater Manual will provide environmental benefits and bolster relationships with local government partners that are working to improve water quality.

Purchasing and developing adjacent land parcels will benefit Ecology and the local community by adding safety and security. In June 2016 alone, the neighborhood (within a half mile radius of the ERO facility) experienced 42 reported crime events—mostly theft, malicious mischief, burglary, and vehicle prowling. Other crimes that have been recorded in the area include assault and drug arrests. This request will include security measures to deter crime—these may include fencing, landscaping, and closing alleys that provide access to the ERO facility.

**How will clients be affected and services change if this project is funded?**

Funding this request will allow Ecology to improve the services we provide to citizens, businesses, government partners, and others. The parking lot will be safer for drivers and pedestrians; and the security measures will improve overall safety for our employees, customers, and the community. Purchasing the adjacent parcels will allow Ecology to make important customer service improvements in the future, including consolidating space to save on lease costs, implementing program efficiencies, and improving emergency response times.

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

Funding this project will have a positive effect on all of Ecology's programs and on other agencies and government units that work closely with Ecology in Eastern Washington by increasing safety and operational efficiency.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:34PM

Project Number: 30000741

Project Title: Eastern Regional Office Improvements and Stormwater Treatment

**Description**

What is the impact on the state operating budget?

None.

Does this request include funding for any IT-related costs?

No.

Why is this the best option or alternative?

The parking lot at ERO is so severely degraded that delaying this project is an unsafe alternative that would be more expensive in the long run, and polluted runoff would continue to flow into local water systems. If the adjoining parcels are not purchased, Ecology would lose a significant number of already limited parking spaces, because the city requires the installation of stormwater treatment when extensive repairs are made. If Ecology renovated parking surfaces at ERO without including stormwater treatment, the City of Spokane could issue costly fines or require Ecology to tear up parking surfaces to complete stormwater treatment installation.

The best alternative is to purchase the adjacent properties, demolish existing structures, resurface the parking area, and add the required stormwater treatment.

What is the agency's proposed funding strategy for the project?

Ecology requests State Building Construction Account funding be provided for this request that will be completed within the 2017-19 Biennium.

**Proviso**

N/A

**Location**

City: Spokane

County: Spokane

Legislative District: 003

**Project Type**

Acquisition - Land

Remodel/Renovate/Modernize (Major Projects)

**Growth Management impacts**

N/A

New Facility: No

How does this fit in master plan

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Approps
057-1	State Bldg Constr-State	3,602,000				1,920,000

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:34PM

Project Number: 30000741

Project Title: Eastern Regional Office Improvements and Stormwater Treatment

<b>Funding</b>					
	Total				
	3,602,000	0	0	0	1,920,000
		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State	1,682,000				
<b>Total</b>	<b>1,682,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Fran Huntington</u>	<b>Email:</b>	<u>fhun461@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7028</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>ERO Improvements and Stormwater Treatment</u>
<b>Project Number:</b>	<u>30000741</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

Agency	Department of Ecology	
Project Name	Eastern Regional Office 2017-2019 Capital Projects	
OFM Project Number		

**Contact Information**

Name	Fran Huntington	
Phone Number	360-407-7028	
Email	<a href="mailto:fhun461@ecy.wa.gov">fhun461@ecy.wa.gov</a>	

**Statistics**

Gross Square Feet	NA	MACC per Square Foot	
Usable Square Feet		Escalated MACC per Square Foot	
Space Efficiency		A/E Fee Class	C
Construction Type	Civil Construction	A/E Fee Percentage	11.88%
Remodel		Projected Life of Asset (Years)	

**Additional Project Details**

Alternative Public Works Project		Art Requirement Applies	no
Inflation Rate	2.80%	Higher Ed Institution	no
<a href="#">Sales Tax Rate %</a>	8.70%	Location Used for Tax Rate	City of Spokane
Contingency Rate	10%		
Base Month	July-16		
Project Administered By	DES		

**Schedule**

Predesign Start	June-16	Predesign End	July-16
Design Start	August-17	Design End	October-17
Construction Start	March-18	Construction End	July-18
Construction Duration	4 Months		

Green cells must be filled in by user

**Project Cost Estimate**

Total Project	<b>\$1,849,081</b>	Total Project Escalated	<b>\$1,920,063</b>
		Rounded Escalated Total	<b>\$1,920,000</b>

**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

Agency	Department of Ecology	
Project Name	Eastern Regional Office 2017-2019 Capital Projects	
OFM Project Number		

**Cost Estimate Summary**

Acquisition			
<b>Acquisition Subtotal</b>	<b>\$463,000</b>	<b>Acquisition Subtotal Escalated</b>	<b>\$463,000</b>

Consultant Services			
Predesign Services	\$12,000		
A/E Basic Design Services	\$96,862		
Extra Services	\$40,000		
Other Services	\$41,431		
Design Services Contingency	\$19,029		
<b>Consultant Services Subtotal</b>	<b>\$209,322</b>	<b>Consultant Services Subtotal Escalated</b>	<b>\$218,124</b>

Construction			
Construction Contingencies	\$87,460	Construction Contingencies Escalated	\$92,463
Maximum Allowable Construction Cost (MACC)	\$874,600	Maximum Allowable Construction Cost (MACC) Escalated	\$919,905
Sales Tax	\$83,699	Sales Tax Escalated	\$88,077
<b>Construction Subtotal</b>	<b>\$1,045,759</b>	<b>Construction Subtotal Escalated</b>	<b>\$1,100,445</b>

Equipment			
Equipment	\$0		
Sales Tax	\$0		
Non-Taxable Items	\$0		
<b>Equipment Subtotal</b>	<b>\$0</b>	<b>Equipment Subtotal Escalated</b>	<b>\$0</b>

Artwork			
<b>Artwork Subtotal</b>	<b>\$0</b>	<b>Artwork Subtotal Escalated</b>	<b>\$0</b>

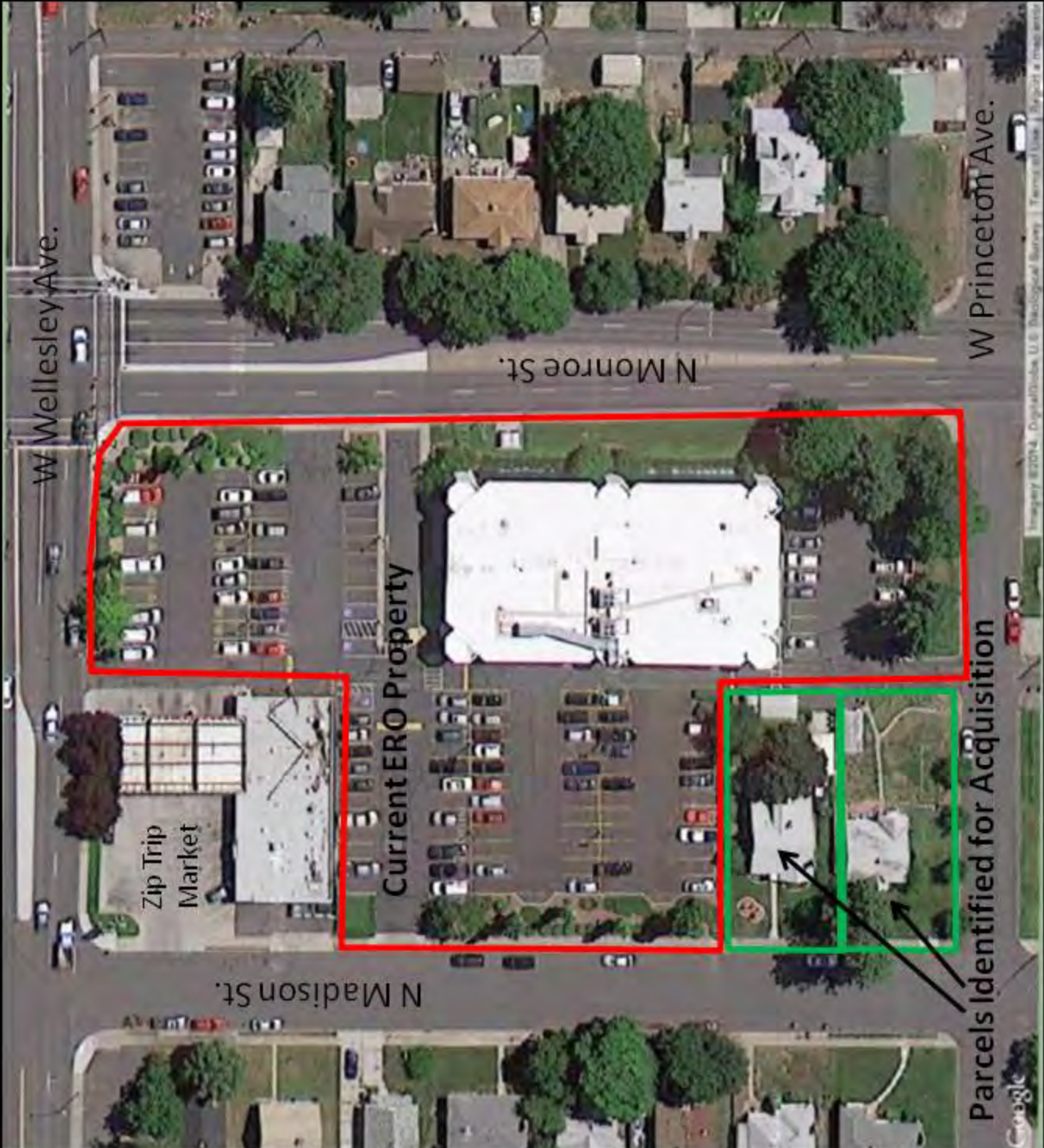
Agency Project Administration			
Agency Project Administration Subtotal	\$0		
DES Additional Services Subtotal	\$0		
Other Project Admin Costs	\$0		
<b>Project Administration Subtotal</b>	<b>\$131,000</b>	<b>Project Administration Subtotal Escalated</b>	<b>\$138,494</b>

Other Costs			
<b>Other Costs Subtotal</b>	<b>\$0</b>	<b>Other Costs Subtotal Escalated</b>	<b>\$0</b>

Project Cost Estimate			
Total Project	<b>\$1,849,081</b>	Total Project Escalated	<b>\$1,920,063</b>
		Rounded Escalated Total	<b>\$1,920,000</b>



WA  
Department  
of Ecology  
  
Eastern  
Regional  
Office (ERO)





STATE OF WASHINGTON

**DEPARTMENT OF ARCHAEOLOGY & HISTORIC PRESERVATION**

1063 S. Capitol Way, Suite 106 • Olympia, Washington 98501  
Mailing address: PO Box 48343 • Olympia, Washington 98504-8343  
(360) 586-3065 • Fax Number (360) 586-3067 • Website: [www.dahp.wa.gov](http://www.dahp.wa.gov)

August 22, 2006

Mr. Fran Huntington  
Facilities Management  
Department of Ecology  
PO Box 47600  
Olympia, Washington 98504-7600

Re: Ecology Regional Office Addition / Spokane  
Log No.: 082206-24-ECY

Dear Mr. Huntington:

Thank you for contacting our department pursuant to Executive Order 0505. We have reviewed the materials you provided for the proposed Ecology Regional Office Addition at N. 4601 Monroe, Spokane, Spokane County, Washington.

Based upon this information we concur with the finding the proposed project will have no effect upon cultural properties included in the National and State Registers of Historic Places and the Washington State Archaeological and Historic Sites Inventories. Thus, no historic properties are affected.

These comments are based on the information available at the time of this review and on behalf of the State Historic Preservation Officer in conformance with Executive Order 05-05.

Should additional information become available, our assessment may be revised, including information regarding historic properties that have not yet been identified. In the event that archaeological or historic materials are discovered during project activities, work in the immediate vicinity must stop, the area secured, and the concerned tribe's cultural staff and cultural committee and this department notified. Thank you for the opportunity to comment and a copy of these comments should be included in subsequent environmental documents.

Sincerely,

Robert G. Whitlam, Ph.D.  
State Archaeologist  
(360)586-3080  
email: [rob.whitlam@dahp.wa.gov](mailto:rob.whitlam@dahp.wa.gov)



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 12:17PM

Project Number: 30000335

Project Title: Padilla Bay Federal Capital Projects - Programmatic

**Description**

Starting Fiscal Year: 2014  
 Project Class: Program  
 Agency Priority: 81

**Project Summary**

Ecology requests reappropriation authority for an annual national competitive grant program through the National Oceanic and Atmospheric Administration's Estuarine Reserve Division that funds facility construction, remodeling, and property acquisition at the Padilla Bay Estuarine Reserve. Ecology's Padilla Bay Estuarine Reserve is eligible to apply for a 70 percent federal grant with a 30 percent match required for the awards to be obtained from donations, in-kind contributions, and other non-state sources. This funding was originally appropriated in the 2011-13 Biennium. (General Fund Federal)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Location**

City: Mount Vernon

County: Skagit

Legislative District: 040

**Project Type**

Program (Minor Works)

**Growth Management impacts**

None

New Facility: No

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
001-2	General Fund-Federal	500,000			500,000	
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>0</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
001-2	General Fund-Federal				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

**Department of Ecology  
2017-2019 Capital Budget**

**Table of Contents**

**Tab D Grant/Other Projects & Reappropriations**

**Tab D-1 MTCA Reappropriation Bond Swap**

1. Focus Sheet: Solving the 2017-19 MTCA Revenue Shortfall .....	81
2. 92000076 Stormwater Improvements.....	83
3. 30000374 Remedial Action Grants.....	139
4. 30000458 Delayed Remedial Action Grants .....	147
5. 30000535 Stormwater Financial Assistance Program .....	187
6. 30000542 Clean Up Toxic Sites – Puget Sound.....	293
7. 30000432 Eastern Washington Clean Sites Initiative.....	305

**Tab D-2 Protect and Restore Puget Sound**

1. 30000763 Restored Clean Up Toxic Sites – Puget Sound.....	329
2. 30000749 Clean Up Toxic Sites – Puget Sound.....	355

**Tab D-3 Deliver Integrated Water Solutions**

1. 30000710 Water Pollution Control Revolving Program .....	383
2. 30000797 Restored Stormwater Financial Assistance.....	389
3. 30000706 Floodplains by Design .....	405
4. 30000796 Stormwater Financial Assistance Program .....	411
5. 30000705 Centennial Clean Water Program .....	419
6. 30000712 Columbia River Water Supply Development Program .....	425
7. 30000711 Yakima River Basin Water Supply.....	463
8. 30000673 Sunnyside Valley Irrigation District Water Conservation .....	483
9. 30000714 Watershed Plan Implementation and Flow Achievement.....	497
10. 30000740 Water Irrigation Efficiencies Program.....	505

**Tab D-4 Prevent and Reduce Toxic Threats**

1. 30000704 Restored Eastern Washington Clean Sites Initiative .....533  
2. 30000707 Remedial Action Grants.....551  
3. 30000709 Coordinated Prevention Grants.....601  
4. 30000670 ASARCO Cleanup.....609  
5. 30000742 Eastern Washington Clean Sites Initiative.....619  
6. 30000671 Reducing Toxic Diesel Emissions .....637  
7. 30000674 Reducing Toxic Woodstove Emissions .....645  
8. 30000669 Leaking Tank Model Remedies.....651  
9. 30000708 Swift Creek Natural Asbestos Flood Control and Cleanup .....691  
10. 30000672 Waste Tire Pile Cleanup and Prevention .....705

**Tab D-5 Reappropriations**

1. 30000534 Water Pollution Control Revolving Program .....713  
2. 30000327 Water Pollution Control Revolving Program .....715  
3. 30000537 Floodplains by Design .....717  
4. 30000209 Water Pollution Control Revolving Fund Program .....721  
5. 30000216 Remedial Action Grant Program .....723  
6. 92000078 Flood Management and Control Grants.....725  
7. 30000590 Yakima River Basin Water Supply.....727  
8. 30000326 Centennial Clean Water Program .....729  
9. 30000427 Centennial Clean Water Program .....731  
10. 30000334 ASARCO Cleanup.....735  
11. 30000538 ASARCO Cleanup.....737  
12. 30000536 Coastal Wetlands Federal Funds.....739  
13. 30000328 Coastal Wetlands Federal Funds.....741  
14. 19972012 Low-Level Nuclear Waste Disposal Trench Closure .....743  
15. 30000372 Columbia River Water Supply Development Program .....745  
16. 30000588 Columbia River Water Supply Development Program .....747  
17. 30000039 Remedial Action Grant Program .....749  
18. 30000331 Watershed Plan Implementation and Flow Achievement.....753  
19. 30000591 Watershed Plan Implementation and Flow Achievement.....755  
20. 30000283 Coastal Wetlands Federal Funds Administration .....757  
21. 30000208 Centennial Clean Water Program .....759

22. 92000148 Low Interest Loans for Drought Wells .....	761
23. 20062950 Columbia River Basin Water Supply.....	763
24. 30000587 Water Irrigation Efficiencies Program.....	765
25. 91000032 Clean Up Toxics Sites – Puget Sound .....	769
26. 30000589 Sunnyside Valley Irrigation District Water Conservation .....	771
27. 30000280 ASARCO – Tacoma Smelter Plume and Mines .....	773
28. 30000337 Clean Up Toxic Sites – Puget Sound.....	775
29. 92000158 Port of Tacoma Arkema/Dunlap Mound .....	777
30. 20064008 Local Toxics Grants for Cleanup and Prevention.....	779
31. 92000155 Port Angeles Municipal Landfill .....	783
32. 30000373 Yakima River Basin Water Supply.....	785
33. 91000007 Habitat Mitigation.....	787
34. 92000142 Drought Response.....	789
35. 30000429 Reducing Toxic Woodstove Emissions .....	791
36. 30000490 Leaking Tank Model Remedies .....	795
37. 30000389 Water Irrigation Efficiencies Program.....	797
38. 30000144 Clean Up Toxics Sites – Puget Sound .....	801
39. 30000333 Dungeness Water Supply and Mitigation .....	803
40. 30000213 Watershed Plan Implementation and Flow Achievement.....	807
41. 92000156 Water Treatment Plant (Lakewood) .....	809
42. 92000085 Lower Yakima GWMA Program Development .....	811
43. 20084029 Watershed Plan Implementation and Flow Achievement.....	813
44. 91000181 Skagit Mitigation .....	815
45. 30000332 Sunnyside Valley Irrigation District Water Conservation .....	817
46. 30000431 Waste Tire Pile Cleanup and Prevention .....	819
47. 30000428 Reducing Toxic Diesel Emissions .....	821
48. 30000351 Eastern Washington Clean Sites Initiative.....	823
49. 20084008 Remedial Action Grants.....	825
50. 30000028 Watershed Plan Implementation and Flow Achievement.....	829
51. 19742006 Water Supply Facilities.....	831
52. 30000265 Clean Up Toxics Sites – Puget Sound .....	833
53. 20062003 Watershed Plan Implementation and Flow Achievement.....	835
54. 30000323 Mercury Switch Removal .....	839
55. 30000278 Yakima Basin Integrated Water Management Plan Implementation....	841

56. 20042951 Twin Lakes Aquifer Recharge ..... 843  
57. 30000217 Eastern Washington Clean Sites Initiative..... 845  
58. 20081951 Transfer of Water Rights for Cabin Owners..... 847  
59. 20052852 Quad Cities Water Right Mitigation..... 849  
60. 20084026 Yakima River Basin Water Storage Feasibility Study..... 851  
61. 30000029 Kittitas Groundwater Study ..... 855  
62. 20044006 Water Supply Facilities..... 857

**Department of Ecology  
2017-2019 Capital Budget**

**Table of Contents**

**Tab D-1      MTCA Reappropriation Bond Swap**

1. Focus Sheet: Solving the 2017-19 MTCA Revenue Shortfall.....	81
2. 92000076 Stormwater Improvements.....	83
3. 30000374 Remedial Action Grants.....	139
4. 30000458 Delayed Remedial Action Grants .....	147
5. 30000535 Stormwater Financial Assistance Program .....	187
6. 30000542 Clean Up Toxic Sites – Puget Sound.....	293
7. 30000432 Eastern Washington Clean Sites Initiative.....	305

\*\*\* *This page intentionally blank.* \*\*\*



# Focus on Solving the MTCA Revenue Shortfall

## WHY IT MATTERS

Since 1988 when the Model Toxics Control Act was established, MTCA funds have been used for both operating and capital budget investments in core toxics, hazardous waste, solid waste, air quality, and environmental health protection and monitoring programs. The major source of funding for these accounts is the Hazardous Substance Tax (HST) a 0.7 percent tax on the wholesale value of the first possession of hazardous substances in Washington. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. The HST has not been increased or adjusted for inflation in 28 years.

## Contact

Erik Fairchild  
Chief Financial Officer  
(360) 407-7005  
Erik.Fairchild@ecy.wa.gov

## 2017-19 MTCA Revenue Shortfall

Based on the June 2016 forecast, The Model Toxics Control Act (MTCA) funds will have a \$78 million shortfall in the 2017-19 Biennium. The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, actual and projected revenue declined by \$380 million—(\$193 million for 2015-17, and \$187 million for 2017-19). This is an unprecedented decline for the Hazardous Substance Tax (HST), and an enormous overall reduction in capacity for funds the size of MTCA.
- \$240 million in appropriations above the projected fund balances that assumed spending would occur in future biennia (\$119 million in 2013-15, and \$121 million in 2015-17). These future commitments are now due, and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05 to 10 agencies today).
- Enacted budgets included up to \$26 million in loans to MTCA from other dedicated accounts, and repayments are due in the next two biennia.
- Since 2007-09, \$54 million of work previously funded by General Fund-State has been permanently shifted to MTCA (\$48 million at Ecology, \$6 million at other agencies).

## Ecology's 2017-19 Capital Budget Request Keeps Priority Projects Moving Forward

The 2016 Supplemental Budgets cut appropriations to balance the MTCA accounts for 2015-17. Many cleanup and stormwater projects were also delayed based on the future spending assumptions passed with the 2015-17 Capital Budget, and those commitments are now due. With a projected \$78 million revenue shortfall in MTCA for the 2017-19 Biennium, Ecology will not be able to fund these obligations without a revenue / funding solution. Ecology's 2017-19 Capital Budget request proposes bond backfill funding for certain MTCA reappropriations.

## Special accommodations

To request ADA accommodation for disabilities, or printed materials in a format for the visually impaired, call Ecology at 360-407-7000 or visit <http://www.ecy.wa.gov/accessibility.html>. Persons with impaired hearing may call Washington Relay Service at 711. Persons with speech disability may call TTY at 877-833-6341.

Ecology is also requesting \$28 million in 2017-19 MTCA funding for Coordinated Prevention Grants (CPG) for important solid and hazardous waste management work authorized under MTCA since 1988. These grants optimize safe waste management by ensuring landfills are operated appropriately, diverting solid waste from disposal, and reusing and recycling materials to reduce environmental risks and greenhouse gas emissions.

With the \$78 million revenue shortfall and the \$28 million needed for CPG, Ecology is using a mix of submitting \$1.2 million of Operating Budget reductions; lapsing \$14.3 million from projects that don't require funding in 2017-19; and requesting \$90.4 million in bond backfill funding (as of August 2016) to fund projects as intended from enacted budgets and to provide CPG funding next biennium. Future revenue forecasts will likely change the amount required, and Ecology will update the requests as needed. The following table lists the reappropriation amounts Ecology is lapsing, and the amounts requested for bond backfill. Only those reappropriations included with the \$90.4 million State Building Construction Account (SBCA) backfill and lapsed MTCA funding are identified below. The reappropriation requests in our budget submittal provide additional detail on the projects at stake if a funding solution is not provided.

2017-19 Capital Budget Request - Bond Backfill Reappropriation Calculations							
	Project	Total	Expended thru Fiscal Month 13	Lapse	Remainder to Reapprop in 2017-19	Bonds	MTCA
<b>Toxics Cleanup</b>							
Remedial Action Grants	T38 - 30000458	60,050	(5,254)	(7,303)	47,493	24,572	22,921
Remedial Action Grants	J37 - 30000039	8,607	(1,452)	(802)	6,353		6,353
Remedial Action Grants	K09 - 30000216	27,599	(3,632)	(970)	22,997		22,997
Remedial Action Grants	S15 - 30000374	38,888	(7,659)		31,228	11,855	19,373
Puget Sound CU	T61 - 30000542	18,550	(817)	(4,169)	13,564	4,400	9,164
Eastern WA CU	T82 - 30000432	11,000	(121)	(1,100)	9,779	2,200	7,579
<b>Sub Total</b>				<b>(14,344)</b>	<b>131,415</b>	<b>43,027</b>	<b>88,388</b>
<b>Stormwater</b>							
Stormwater	S30 - 92000076	61,663	(3,990)		57,673	20,885	36,788
Stormwater	T96 - 30000535	31,200			31,200	26,536	4,664
<b>Sub Total</b>					<b>88,873</b>	<b>47,421</b>	<b>41,452</b>
<b>Grand Total</b>				<b>(14,344)</b>	<b>220,287</b>	<b>90,448</b>	<b>129,839</b>

Providing bond backfill funding and reducing MTCA reappropriations by the same amount will help bridge the MTCA revenue gap and avoid further delays or cancellations of critical cleanup and stormwater projects. Local governments and others across the state need financial certainty that state funding will be forthcoming to ensure existing projects are completed as planned, and new projects can be planned and designed to maximize environmental and public health improvements and economic development opportunities. Most cleanup projects are now funded in phases per legislative direction, so new funding is needed to continue projects already underway, and to avoid costly starts and stops to these cleanups.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description****What is the proposed project?**

In 2013, the Legislature used a provision in the 2013-15 Capital Budget (Section 3081) to direct Ecology to develop and implement an ongoing, comprehensive, statewide stormwater financial assistance program. Ecology worked with stakeholders to develop a stormwater funding program – the SFAP – that is incorporated into Ecology's Water Quality Combined Financial Assistance Program.

Stormwater funding provides grants for stormwater projects through a competitive rating and ranking funding process. These high priority stormwater improvement projects support state water quality goals by preventing pollution generated by existing infrastructure from reaching surface waters. Projects and activities funded include planning and installing capital projects and activities that reduce stormwater pollutants. Stormwater projects include:

- Stormwater basins, pervious pavements, and bio-retention systems that collect runoff from hard surfaces and remove pollutants before the water is released to a water body or infiltrated into the ground.
- Project-specific planning and design to assist jurisdictions in preparing capital improvement projects.
- Toxics source tracing, corrective action, and removal projects. These projects are a cost-effective way of removing sources of toxics and reducing toxics discharge to waterways.
- Prioritized watershed basin retrofit planning and implementation strategies. These projects cross program boundaries (e.g., toxics cleanup sites combined with water quality improvement projects) and may use tools such as Geographic Information System (GIS) mapping to help organize and prioritize stormwater capital improvement projects. This process provides efficiencies of scale and maximizes water quality benefits per dollar invested.

The 2013-15 Capital Budget provided \$100 million in ELSA appropriations for stormwater grants and almost of all the funding has been granted. But, with the significant drop in the price of oil, and correlated decreases over the past two years in HST forecast, revenue projections for all three MTCA accounts (State Toxics Control Account, Local Toxics Control Account, ELSA)

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**Description**

fall short of funding the reappropriations for 2013-15 stormwater projects. Ecology requests SBCA funding of \$20.9 million for this reappropriation to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to continue. If bond backfill is not provided, \$8.5 million in signed projects will need to be cancelled, and \$12.4 million in projects would continue to be delayed, depending on MTCA fund balance projections and actual HST collections.

**What opportunity or problem is driving this request?****The reason for the project:**

Polluted stormwater is one of the greatest threats to the health of Washington State waters. Most of this pollution comes from existing infrastructure like buildings, road surfaces, and municipal storm sewer systems built before the Clean Water Act and other environmental regulations. In new and redeveloped areas, developers shoulder most of the cost of treating stormwater. But local jurisdictions are burdened with the expense of cleaning up stormwater problems created by old, ineffective infrastructure. Current municipal stormwater National Pollutant Discharge Elimination System (NPDES) permits do not require retrofitting existing development with stormwater controls; so in many cases, untreated stormwater carrying pollutants from existing infrastructure is released directly into the nearest waterway.

This stormwater project has been appropriated with MTCA funding since the 2013-15 Biennium. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19, resulting in a projected revenue shortfall of \$78 million as of August 2016. The HST is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. Ecology requests backfill funding from the SBCA to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.
- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).
- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.
- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also funded new investments in stormwater. In the SFAP, both MTCA and SBCA were used to fund important stormwater projects during the economic downturn. Today our economy is in a growth period, stormwater projects are affordable, and there is a high level of interest by local governments to solve stormwater pollution impacts. Providing SBCA funding will allow important, ready-to-proceed stormwater projects to move forward.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**Description****The effects of non-funding:**

Statewide water quality and public health would be impacted if these grant dollars are not available to assist local communities to mitigate the effects of polluted stormwater. The funds would not be available to local communities for developing and implementing projects that go beyond the requirements of NPDES permits to treat polluted runoff from existing development. Without these funds, capital stormwater improvement projects would not be constructed, and untreated stormwater would continue to pollute Washington's waterways. Untreated stormwater discharges toxic chemicals and other pollutants into waters of the state, which in turn impacts shellfish habitat, fisheries, human health, and other beneficial uses.

**How does the project support the agency and statewide results?**

This request is aligned with, and essential to implementing Ecology's strategic plan goals and strategic priorities:

- Reduce and prepare for climate impacts: During drought and more than average rainfall years, implementing stormwater retrofits and green infrastructure mitigates adverse climate impacts by controlling flow volumes and treating stormwater runoff to remove pollutants.
- Prevent and reduce toxic threats: Funded stormwater projects address stormwater pollutants by implementing stormwater best management practices, constructing stormwater treatment and flow control facilities, and implementing low impact treatment techniques that capture and reduce toxics and other pollutants.
- Deliver integrated water solutions: Some projects funded achieve multiple benefits to both water quality and water resources: including stormwater capture and reuse, infiltration of stormwater runoff, and treatment of polluted stormwater runoff.
- Protect and Restore Puget Sound: On average about 70 percent of the SFAP funds are awarded to projects in the Puget Sound basin. Projects funded lead to direct and indirect improvements to Puget Sound water quality through constructed stormwater pollution control infrastructure that goes above and beyond permit requirements.

This request is essential to support the Governor's Results Washington Goal 3 – Sustainable Energy and Clean Environment. Specifically, Ecology provides regular updates and report outs to the Governor and Goal Council regarding Results G3:3.2a: increase the number of projects that provide stormwater treatment or infiltration.

This request makes a key contribution to statewide results by providing grants for high priority stormwater improvement projects statewide that address Natural Resources strategies to Reduce Negative Impacts on the Environment; Preserve, Maintain and Restore Natural Systems and Landscapes; and Improve Individual Practices and Choices. It also supports salmon recovery efforts.

This request supports Ecology's integrated water quality financial assistance program by leveraging and augmenting loan funds through the Water Pollution Control Revolving Fund (SRF) loan program, the Centennial Clean Water grant program, and the Clean Water Act Section 319 federal grant program. Through the integrated funding program, Ecology continues to apply Lean principles in an effort to improve efficiency in service delivery and improve access to funding for high priority projects that deliver multiple benefits. Cross program and cross agency coordination is also a key element of the water quality financial assistance programs and Ecology is committed to supporting the Infrastructure Assistance Coordinating Council (IACC) as a cross-agency collaborative approach to providing infrastructure, financial and technical assistance to communities throughout Washington.

This request supports Puget Sound Action Agenda implementation through sub-strategy 10.3, Fix Problems Caused by Existing Development by providing funding to cities and counties to retrofit existing development through the Stormwater Financial Assistance Program's competitive grant program. This request directly supports the regional priority 10.3-1: Prioritize where retrofits occur by funding local project planning and design efforts including alternative analysis. This request directly supports regional priority 10.3-4: Research, study and /or pilot legacy pollutant removal programs with intent of filling data gaps. This request funds projects to inspect private parcel Best Management Practices and provides technical assistance to property

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

## Description

owners.

### What are the specific benefits of this project?

The SFAP provides funding to local governments for municipal stormwater management projects that achieve specific environmental and public health benefits, including:

- Improving and protecting water quality by reducing pollutant transport to surface waters.
- Restoring natural hydrology to streams and improving watershed function.
- Promoting groundwater recharge.
- Restoring and protecting designated uses of Washington's waters, such as drinking water, aquatic habitat, and shellfish harvesting.
- Promoting and incentivizing sustainable communities.

### How will clients be affected and services change if this project is funded?

Since 2006, Ecology has provided stormwater construction grants to local governments through a series of one-time funding provisions in the state capital budget. If this request is funded, Ecology can continue to support local governments in promoting and incentivizing their ongoing efforts to reduce polluted stormwater runoff to Washington water bodies. Local government stakeholders throughout the state have voiced strong support for an ongoing and stable stormwater financial assistance program that can help them proactively address stormwater management problems and improve environmental sustainability and the health of their local communities.

### Are FTEs required to support this project?

No FTEs are requested for this project. The 12.95 FTEs required for SFAP technical, budget and financial management are requested in the new Restore Stormwater request, and in the reappropriation request for project 30000535.

### How will the other state programs or units of government be affected if this project is funded?

Solving stormwater pollution problems requires the efforts of and collaboration with several local, state, federal, and tribal governments. Supporting local governments in implementing stormwater projects will also support the efforts of the Puget Sound Partnership, the Department of Commerce, the Department of Natural Resources, the Department of Health, the Washington State Department of Transportation, the U.S. Environmental Protection Agency, and tribal water quality improvement programs.

### What is the impact on the state operating budget?

None.

### Does this request include funding for any IT-related costs?

No.

### Why is this the best option or alternative?

Ecology considered several alternatives for funding these projects. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**Description**

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology’s ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

If an alternative solution is not provided, Ecology would have to cancel up to \$8.5 million of these stormwater projects and not go forward with \$12.4 million in delayed stormwater projects (as of August 2016- future revenue forecasts will likely change this amount). In following Ecology’s MTCA Cash Management Plan, if contracts have to be cancelled, Ecology would review projects under contract with unspent funding, identify any projects under budget, consider project ranking, and then determine which contracts would be cancelled or reduced. Funding a bond backfill is the best option because it will fund the capital budget as the Legislature originally intended, and give Ecology the resources to continue implementation of the budget as originally passed.

**What is the agency’s proposed funding strategy for the project?**

Ecology is requesting \$77.6 million in total reappropriation for this project (based on expenditures through July 2016). The total reappropriation amount will be updated as actual spending occurs for the rest of the 2015-17 Biennium. Part of the reappropriation request is for new bond backfill funding from SBCA of \$20.9 million and a reduction to ELSA funding by the same amount to help bridge the gap until MTCA revenue recovers. This will allow important stormwater work to continue on July 1, 2017, rather than having to stop stormwater grants. This funding is matched up to 25 percent by local governments.

Note: The total amount being requested in bond funding for 2017-19 stormwater projects is \$121.7 million, which includes this \$20.9 million bond backfill request, \$44.2 million in new projects, \$30.1 million to restore reductions from the 2016 Supplemental Budget, and \$26.5 million for projects that will continue to be delayed in reappropriation 30000535 if there is no solution for the MTCA revenue shortfall. Traditional new investments in stormwater have averaged around \$73.8 million a biennium over the last three biennia.

**Proviso**

None

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**Description**

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	40,885,000		105,000	19,895,000	20,885,000
19G-1	ELS Account-State	56,115,000	15,337,000	3,990,000	57,673,000	(20,885,000)
	<b>Total</b>	<b>97,000,000</b>	<b>15,337,000</b>	<b>4,095,000</b>	<b>77,568,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
19G-1	ELS Account-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000803

SubProject Title: King County - Metro Transit



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000803

SubProject Title: King County - Metro Transit

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project would involve the procurement of a high-efficiency sweeper for the King County Department of Transportation - Metro Transit division (Transit). This high-efficiency sweeper would be employed for routine street sweeping, emergency spill response, and for sand pick-up following snow events, all with the goal of improving stormwater quality at Transit's facilities. This acquisition would be preceded and followed by stormwater testing so as to measure any water quality improvements.

**Location**

City: Seattle

County: King

Legislative District: 011

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000803

SubProject Title: King County - Metro Transit

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	256,000				256,000
	<b>Total</b>	<b>256,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>256,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(256,000)				(256,000)
	<b>Total</b>	<b>(256,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(256,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
19G-1 ELS Account-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

SubProjects

SubProject Number: 30000804

SubProject Title: Spokane Valley city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

Project Summary

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

Project Description

This project will improve water quality in the Spokane Valley Rathdrum Prairie Aquifer through Low Impact Development techniques including bioinfiltration, bioretention, and/or cartridge media treatment, at Sprague Avenue between University and Park Roads in the City of Spokane Valley. This project will provide treatment for Total Suspended Solids, Oil, and possibly Dissolved Copper and Dissolved Zinc.

Location

City: Unincorporated

County: Spokane

Legislative District: 004

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000804

SubProject Title: Spokane Valley city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,500,000				1,500,000
	<b>Total</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
19G-1	ELS Account-State	(1,500,000)				(1,500,000)
	<b>Total</b>	<b>(1,500,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,500,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
19G-1	ELS Account-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000805

SubProject Title: San Juan County - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

Water quality treatment units with general use level designation will be installed along Prune Alley and Fern Street to provide water quality treatment for runoff from approximately 2.4 acres of roadway and commercial parking area. This retrofit project will help address existing water quality impairment in East Sound. These improvements will coincide with previously planned right of way improvements to address flooding and ponding problems.

**Location**

City: Friday Harbor

County: San Juan

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000805

SubProject Title: San Juan County - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	244,000				244,000
	<b>Total</b>	<b>244,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>244,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(244,000)				(244,000)
	<b>Total</b>	<b>(244,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(244,000)</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		19G-1	ELS Account-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000806

SubProject Title: King County - Water and Land Resources Division

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project will create a basin-wide stormwater retrofit plan for Mill Creek Trib. 51 stream basin; develop predesigns for at least 3 identified retrofit projects; and advance an outcome-based, systematic approach to stormwater retrofitting of degraded stream basins. The plan will specify the number and sizes of facilities and low impact development (LID) BMPs needed to achieve flow conditions that support improved aquatic conditions as measured by the Benthic Index of Biotic Integrity (BIBI).

**Location**

City: Seattle

County: King

Legislative District: 037

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000806

SubProject Title: King County - Water and Land Resources Division

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	230,000				230,000
	<b>Total</b>	<b>230,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>230,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
19G-1	ELS Account-State	(230,000)				(230,000)
	<b>Total</b>	<b>(230,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(230,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
19G-1	ELS Account-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000807

SubProject Title: Lacey city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

Through an enhanced road-sweeping program this project will provide source control and help prevent street waste containing Total Suspended Sediments (TSS), dissolved metals, and phosphorus from entering City of Lacey streams and lakes. Additional benefits of this project include improved air quality resulting from the removal of dust particulates.

**Location**

City: Lacey

County: Thurston

Legislative District: 022

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000807

SubProject Title: Lacey city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	467,000				467,000
	<b>Total</b>	<b>467,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>467,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(467,000)				(467,000)
	<b>Total</b>	<b>(467,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(467,000)</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		19G-1	ELS Account-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000808

SubProject Title: Shoreline city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

The NE 148th St Project proposes an array of LID stormwater facilities which combine bioretention surface features with larger-scale infiltration facilities composed of buried stackable plastic grids. Half of the overall facility surface area will feature bioretention to provide water quality treatment. Other infiltration facility surfaces include permeable gravel pavement and impermeable asphalt to maximize infiltration footprint in a densely developed area with high parking demand.

**Location**

City: Shoreline

County: King

Legislative District: 032

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000808

SubProject Title: Shoreline city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	291,000				291,000
	<b>Total</b>	<b>291,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>291,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
19G-1	ELS Account-State	(291,000)				(291,000)
	<b>Total</b>	<b>(291,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(291,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
19G-1	ELS Account-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000809

SubProject Title: Spokane Valley city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project will include updating the storm drainage system in conjunction with the City's Pavement Preservation projects.

**Location**

City: Unincorporated

County: Spokane

Legislative District: 004

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000809

SubProject Title: Spokane Valley city of

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	683,000				683,000
<b>Total</b>		<b>683,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>683,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
19G-1	ELS Account-State	(683,000)				(683,000)
<b>Total</b>		<b>(683,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(683,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
19G-1	ELS Account-State				
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000810

SubProject Title: Clark County - Environmental Services Department

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000810

SubProject Title: Clark County - Environmental Services Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project will reduce pollutant loading to Cougar Creek, a tributary of Salmon Creek, by retrofitting several existing catch basins and constructing a bioretention facility along two high traffic roadways in Clark County. The proposed project will treat runoff from approximately five acres of pollution generating surface areas along the two major roadways.

**Location**

City: Vancouver

County: Clark

Legislative District: 018

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000810

SubProject Title: Clark County - Environmental Services Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(300,000)				(300,000)
	<b>Total</b>	<b>(300,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(300,000)</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		19G-1	ELS Account-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000811

SubProject Title: King County - Water and Land Resources Division

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This retrofit project will do final design and construction to install a StormFilter system where no stormwater treatment facilities exist in unincorporated King County near Renton, WA. This project is in the May Creek Tributary 291A basin, which was substantially developed without adequate stormwater controls and has degraded stream health as documented by Benthic Index of Biotic Integrity monitoring. This project is a result of the Ecology Municipal Stormwater Capacity Grant, G1400262.

**Location**

City: Seattle

County: King

Legislative District: 011

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000811

SubProject Title: King County - Water and Land Resources Division

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	78,000				78,000
	<b>Total</b>	<b>78,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>78,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
19G-1	ELS Account-State	(78,000)				(78,000)
	<b>Total</b>	<b>(78,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(78,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
19G-1	ELS Account-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000812

SubProject Title: Spokane Valley city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This phase will construct facility canopy, eductor truck warming shed, and connection to sanitary sewer, providing 20 additional years in the City's ability to use the facility (making 50 years total), expanded use during wet and cold months of the year, and access to state owned and operated eductor equipment during emergencies throughout the year, day and night.

**Location**

City: Unincorporated

County: Spokane

Legislative District: 004

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000812

SubProject Title: Spokane Valley city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
19G-1	ELS Account-State	(300,000)				(300,000)
	<b>Total</b>	<b>(300,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(300,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
19G-1	ELS Account-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000813

SubProject Title: Bremerton city of - Public Works and Utilities

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

Purchase and operation of a compact high efficiency vacuum sweeper would benefit the waters surrounding the City of Bremerton by more effective surfaces such sidewalks, parking lots, walking paths, public commons areas and bridge walk paths. Bremerton is surrounded by Sinclair and Dyes Inlets and bisected by Port Washington Narrows. These water bodies have a fecal coliform TMDL and are also impacted by sediment, trash and debris from human activity, stormwater runoff and wildlife.

**Location**

City: Bremerton

County: Kitsap

Legislative District: 026

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000813

SubProject Title: Bremerton city of - Public Works and Utilities

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	69,000				69,000
	<b>Total</b>	<b>69,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>69,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(69,000)				(69,000)
	<b>Total</b>	<b>(69,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(69,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
19G-1 ELS Account-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000814

SubProject Title: Tukwila city of - Public Works

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This construction project will redirect storm water discharges from a private outfall that was closed under orders from the US EPA to a newly adopted City outfall. The project will require that existing catch basins and conveyance pipes be reconstructed within EMWS to provide the required grade to drain the area to the new outfall. In addition, water quality treatment will be constructed to treat collected storm water prior to discharge to the Duwamish River.

**Location**

City: Tukwila

County: King

Legislative District: 011

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000814

SubProject Title: Tukwila city of - Public Works

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,106,000				1,106,000
	<b>Total</b>	<b>1,106,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,106,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(1,106,000)				(1,106,000)
	<b>Total</b>	<b>(1,106,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,106,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
19G-1 ELS Account-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000815

SubProject Title: Bellingham city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project will improve water quality in Spring Creek, Baker Creek, Squalicum Creek, and Bellingham Bay through installation of biofiltration and TAPE GULD systems on Meridian Street in the city of Bellingham. This project will provide treatment for Total Suspended Solids (TSS).

**Location**

City: Bellingham

County: Whatcom

Legislative District: 042

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000815

SubProject Title: Bellingham city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	984,000				984,000
	<b>Total</b>	<b>984,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>984,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(984,000)				(984,000)
	<b>Total</b>	<b>(984,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(984,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
19G-1 ELS Account-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000816

SubProject Title: Bellingham city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project will improve water quality in Whatcom Creek and Bellingham Bay through installation of wet vaults and water reuse at 2221 Pacific Street in Bellingham Washington. This project will provide treatment for total suspended solids (TSS) and oil (Total Petroleum Hydrocarbons) and will also reduce flows to Whatcom Creek by reusing water and providing stormwater detention.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000816

SubProject Title: Bellingham city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	384,000				384,000
	<b>Total</b>	<b>384,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>384,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(384,000)				(384,000)
	<b>Total</b>	<b>(384,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(384,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
19G-1 ELS Account-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000817

SubProject Title: Bellingham city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project will help to prevent total suspended solids (TSS), dissolved copper, dissolved zinc, and total phosphorus from entering the Lake Whatcom Watershed by removing pollutants from the stormwater system and providing pollutant source control through an enhanced jet cleaning and vactoring program in the city of Bellingham.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000817

SubProject Title: Bellingham city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	360,000				360,000
	<b>Total</b>	<b>360,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>360,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(360,000)				(360,000)
	<b>Total</b>	<b>(360,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(360,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
19G-1 ELS Account-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000818

SubProject Title: Brier city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project will improve water quality in the Scriber Creek and associated wetlands through installation of a regional 2-celled stormwater pond at Brierwood Park in the City of Brier. This project will provide treatment for total suspended solids (TSS), oil (Total Petroleum Hydrocarbons), dissolved copper, dissolved zinc, and total phosphorus and will also reduce flows to Scriber Creek and associated wetlands by increasing stormwater infiltration and/or providing stormwater detention.

**Location**

City: Brier

County: Snohomish

Legislative District: 001

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000818

SubProject Title: Brier city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	498,000				498,000
	<b>Total</b>	<b>498,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>498,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
19G-1	ELS Account-State	(498,000)				(498,000)
	<b>Total</b>	<b>(498,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(498,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
19G-1	ELS Account-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000819

SubProject Title: Washougal city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

Replace existing fueling station, utilizing LID methods to ensure water quality at Washougal Public Works Operations Facility. Use structural BMPs to enhance water quality at the facility and adjacent Public Works impervious parking and work areas.

**Location**

City: Washougal

County: Clark

Legislative District: 018

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000819

SubProject Title: Washougal city of - Public Works Department

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
19G-1	ELS Account-State	(300,000)				(300,000)
	<b>Total</b>	<b>(300,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(300,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
19G-1	ELS Account-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000820

SubProject Title: Pierce County - Public Works and Utility Department

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000820

SubProject Title: Pierce County - Public Works and Utility Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project will eliminate the direct discharge of untreated stormwater to Balch and Cormorant passage in south Puget Sound from the Tacoma Narrows Airport. This project will redirect flows through stormwater treatment facilities and resolve a significant erosion concern.

**Location**

City: Tacoma

County: Pierce

Legislative District: 029

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000820

SubProject Title: Pierce County - Public Works and Utility Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,731,000				1,731,000
	<b>Total</b>	<b>1,731,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,731,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
19G-1	ELS Account-State	(1,731,000)				(1,731,000)
	<b>Total</b>	<b>(1,731,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,731,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
19G-1	ELS Account-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000821

SubProject Title: Ruston city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

Bioretention facilities are proposed for a tributary area of approximately five acres in Ruston and North Tacoma. The proposed bioretention facilities along N Pearl Street (SR 163) will treat stormwater runoff within the Asarco Smelter Plume area. The facilities will improve the quality of stormwater discharged into Puget Sound.

**Location**

City: Ruston

County: Pierce

Legislative District: 027

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000821

SubProject Title: Ruston city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	854,000				854,000
	<b>Total</b>	<b>854,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>854,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(854,000)				(854,000)
	<b>Total</b>	<b>(854,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(854,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
19G-1 ELS Account-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000822

SubProject Title: Port Angeles city of - Public Works

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project will help to prevent pollutants such as suspended sediment, heavy metals, nutrients, and trash from entering Port Angeles Harbor and the Salish Sea by constructing a new decant facility and more than doubling the capacity of the City of Port Angeles to provide treatment and disposal of vector and street sweeping waste.

**Location**

City: Port Angeles

County: Clallam

Legislative District: 024

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000822

SubProject Title: Port Angeles city of - Public Works

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	474,000				474,000
	<b>Total</b>	<b>474,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>474,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(474,000)				(474,000)
	<b>Total</b>	<b>(474,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(474,000)</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		19G-1	ELS Account-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000823

SubProject Title: Olympia city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

The Harrison Avenue Stormwater Retrofit project will reduce stormwater contaminants associated with runoff from a basin predominately zoned "high density corridor" straddling a heavily traveled, arterial street in West Olympia. Retrofitting the street for stormwater treatment will improve the quality of water discharged to the West Bay of Budd Inlet.

**Location**

City: Olympia

County: Thurston

Legislative District: 022

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000823

SubProject Title: Olympia city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	269,000				269,000
	<b>Total</b>	<b>269,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>269,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(269,000)				(269,000)
	<b>Total</b>	<b>(269,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(269,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
19G-1 ELS Account-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000824

SubProject Title: Mukilteo city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

This project will improve water quality in Japanese Gulch Creek and Puget Sound through installation of a Decant Station and Settling Vault at 4206 78th Street SW in the City of Mukilteo and by providing pollutant source control through an enhanced jet cleaning and vactoring program for legacy pollutant removal. This project will reduce flows to Japanese Gulch Creek and Puget Sound by removing current decant liquids from the stormwater system and routing them to the sanitary sewer system.

**Location**

City: Mukilteo

County: Snohomish

Legislative District: 021

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000824

SubProject Title: Mukilteo city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	969,000				969,000
	<b>Total</b>	<b>969,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>969,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	(969,000)				(969,000)
	<b>Total</b>	<b>(969,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(969,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
19G-1 ELS Account-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000825

SubProject Title: TBD-Grants Cancelled

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 1

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2013-15 Supplemental Capital Budget provided \$100 million Environmental Legacy Stewardship Account (ELSA) appropriation for new stormwater grants. When the 2015-17 biennial budget was passed, \$12.4 million of the appropriation was assumed to be spent in the 2017-19 Biennium, which resulted in delaying stormwater projects. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled and delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$77.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$20.9 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Ecology will have to cancel \$8.5 million in signed project agreements and continue to delay \$12.4 million in projects from this appropriation if a MTCA revenue solution is not provided. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Environmental Legacy Stewardship Account)

**Project Description**

In following Ecology's MTCA Cash Management Plan, if contracts have to be cancelled, Ecology would review projects under contract with unspent funding, identify any projects under budget, consider project ranking, and then determine which contracts would be cancelled or reduced.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:00AM

Project Number: 92000076

Project Title: Storm Water Improvements

**SubProjects**

SubProject Number: 30000825

SubProject Title: TBD-Grants Cancelled

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	8,538,000				8,538,000
	<b>Total</b>	<b>8,538,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,538,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
19G-1	ELS Account-State	(8,538,000)				(8,538,000)
	<b>Total</b>	<b>(8,538,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(8,538,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
19G-1	ELS Account-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Kimberly Wagar</u>	<b>Email:</b>	<u>kwag461@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-6614</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057-1</u>	<b>Project Title:</b>	<u>Stormwater Improvements</u>
<b>Project Number:</b>	<u>92000076</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List  
Water Quality Program  
Stormwater Improvements-Project #92000076**

31-Aug-16

Purpose: Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. This list provides project details included in Water Quality Program's Stormwater Improvements Project (92000076). The rank reflects the original rank on the 2016 Water Quality Offer List (which includes projects/funding from other sources).

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
134	King County - Metro Transit	\$256,500	This project would involve the procurement of a high-efficiency sweeper for the King County Department of Transportation - Metro Transit division (Transit). This high-efficiency sweeper would be employed for routine street sweeping, emergency spill response, and for sand pick-up following snow events, all with the goal of improving stormwater quality at Transit's facilities. This acquisition would be preceded and followed by stormwater testing so as to measure any water quality improvements.	201 S Jackson St M.S. SFM-TR-0100	Seattle	KING	11, 46, 48, 37	47.598779	-122.330826
138	Spokane Valley city of	\$1,500,000	This project will improve water quality in the Spokane Valley Rathdrum Prairie Aquifer through Low Impact Development techniques including bioinfiltration, bioretention, and/or cartridge media treatment, at Sprague Avenue between University and Park Roads in the City of Spokane Valley. This project will provide treatment for Total Suspended Solids, Oil, and possibly Dissolved Copper and Dissolved Zinc.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	5	47.657088	-117.265109
140	San Juan County - Public Works Department	\$243,750	Water quality treatment units with general use level designation will be installed along Prune Alley and Fern Street to provide water quality treatment for runoff from approximately 2.4 acres of roadway and commercial parking area. This retrofit project will help address existing water quality impairment in East Sound. These improvements will coincide with previously planned right of way improvements to address flooding and ponding problems.	PO Box 729	Friday Harbor	SAN JUAN	40	48.696078	-122.905628
141	King County - Water and Land Resources Division	\$230,077	This project will create a basin-wide stormwater retrofit plan for Mill Creek Trib. 51 stream basin; develop predesigns for at least 3 identified retrofit projects; and advance an outcome-based, systematic approach to stormwater retrofitting of degraded stream basins. The plan will specify the number and sizes of facilities and low impact development (LID) BMPs needed to achieve flow conditions that support improved aquatic conditions as measured by the Benthic Index of Biotic Integrity (BIBI).	201 South Jackson Street, Suite 600	Seattle	KING	37	47.32158	-122.28285
142	Lacey city of - Public Works Department	\$467,101	Through an enhanced road-sweeping program this project will provide source control and help prevent street waste containing Total Suspended Sediments (TSS), dissolved metals, and phosphorus from entering City of Lacey streams and lakes. Additional benefits of this project include improved air quality resulting from the removal of dust particulates.	420 College Street SE	Lacey	THURSTON	22	47.036592	-122.82275
144	Shoreline city of	\$290,625	The NE 148th St Project proposes an array of LID stormwater facilities which combine bioretention surface features with larger-scale infiltration facilities composed of buried stackable plastic grids. Half of the overall facility surface area will feature bioretention to provide water quality treatment. Other infiltration facility surfaces include permeable gravel pavement and impermeable asphalt to maximize infiltration footprint in a densely developed area with high parking demand.	17500 Midvale Ave N	Shoreline	KING	32	47.736127	-122.313835
145	Spokane Valley city of	\$682,500	This project will include updating the storm drainage system in conjunction with the City's Pavement Preservation projects.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	4	47.6576	-117.2478



Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
146	Clark County - Environmental Services Department	\$300,000	This project will reduce pollutant loading to Cougar Creek, a tributary of Salmon Creek, by retrofitting several existing catch basins and constructing a bioretention facility along two high traffic roadways in Clark County. The proposed project will treat runoff from approximately five acres of pollution generating surface areas along the two major roadways.	P.O. Box 9810	Vancouver	CLARK	18	45.686344	-122.660088
147	King County - Water and Land Resources Division	\$78,198	This retrofit project will do final design and construction to install a StormFilter system where no stormwater treatment facilities exist in unincorporated King County near Renton, WA. This project is in the May Creek Tributary 291A basin, which was substantially developed without adequate stormwater controls and has degraded stream health as documented by Benthic Index of Biotic Integrity monitoring. This project is a result of the Ecology Municipal Stormwater Capacity Grant, G1400262.	201 South Jackson Street, Suite 600	Seattle	KING	11	47.48626	-122.12312
150	Spokane Valley city of	\$300,000	This phase will construct facility canopy, eductor truck warming shed, and connection to sanitary sewer, providing 20 additional years in the City's ability to use the facility (making 50 years total), expanded use during wet and cold months of the year, and access to state owned and operated eductor equipment during emergencies throughout the year, day and night.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	4	47.674858	-117.242812
152	Bremerton city of - Public Works and Utilities	\$89,000	Purchase and operation of a compact high efficiency vacuum sweeper would benefit the waters surrounding the City of Bremerton by more effective surfaces such as sidewalks, parking lots, walking paths, public commons areas and bridge walk paths. Bremerton is surrounded by Sinclair and Dyes inlets and bisected by Port Washington Narrows. These water bodies have a fecal coliform TMDL and are also impacted by sediment, trash and debris from human activity, stormwater runoff and wildlife.	100 Oyster Bay Ave N	Bremerton	KITSAP	26	47.567	-122.6258
155	Tukwila city of - Public Works	\$1,106,250	This construction project will redirect storm water discharges from a private outfall that was closed under orders from the US EPA to a newly adopted City outfall. The project will require that existing catch basins and conveyance pipes be reconstructed within EMWS to provide the required grade to drain the area to the new outfall. In addition, water quality treatment will be constructed to treat collected storm water prior to discharge to the Duwamish River.	6300 Southcenter Blvd	Tukwila	KING	11	47.529	-122.304
156	Bellingham city of - Public Works Department	\$983,792	This project will improve water quality in Spring Creek, Baker Creek, Squalicum Creek, and Bellingham Bay through installation of biofiltration and TAPE GULD systems on Meridian Street in the city of Bellingham. This project will provide treatment for Total Suspended Solids (TSS).	2221 Pacific Street	Bellingham	WHATCOM	42	48.792631	-122.485971
157	Bellingham city of - Public Works Department	\$384,000	This project will improve water quality in Whatcom Creek and Bellingham Bay through installation of wet vaults and water reuse at 2221 Pacific Street in Bellingham Washington. This project will provide treatment for total suspended solids (TSS) and oil (Total Petroleum Hydrocarbons) and will also reduce flows to Whatcom Creek by reusing water and providing stormwater detention.	2221 Pacific Street	Bellingham	WHATCOM	40	48.759696	-122.458432
158	Bellingham city of - Public Works Department	\$360,113	This project will help to prevent total suspended solids (TSS), dissolved copper, dissolved zinc, and total phosphorus from entering the Lake Whatcom Watershed by removing pollutants from the stormwater system and providing pollutant source control through an enhanced jet cleaning and vactoring program in the city of Bellingham.	2221 Pacific Street	Bellingham	WHATCOM	40, 42	48.759629	-122.457067

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
159	Brier city of	\$498,000	This project will improve water quality in the Scriber Creek and associated wetlands through installation of a regional 2-celled stormwater pond at Brierwood Park in the City of Brier. This project will provide treatment for total suspended solids (TSS), oil (Total Petroleum Hydrocarbons), dissolved copper, dissolved zinc, and total phosphorus and will also reduce flows to Scriber Creek and associated wetlands by increasing stormwater infiltration and/or providing stormwater detention.	2901 228th St SW	Brier	SNOHOMISH	1	47.80453	-122.26961
163	Washougal city of - Public Works Department	\$299,714	Replace existing fueling station, utilizing LID methods to ensure water quality at Washougal Public Works Operations Facility. Use structural BMPs to enhance water quality at the facility and adjacent Public Works impervious parking and work areas.	1701 C Street	Washougal	CLARK	18	45.579302	-122.34832
165	Pierce County - Public Works and Utility Department	\$1,730,625	This project will eliminate the direct discharge of untreated stormwater to Balch and Cormorant passage in south Puget Sound from the Tacoma Narrows Airport. This project will redirect flows through stormwater treatment facilities and resolve a significant erosion concern.	2702 South 42nd St, Suite 201	Tacoma	PIERCE	29	47.256178	-122.579122
169	Ruston city of	\$853,500	Bioretention facilities are proposed for a tributary area of approximately five acres in Ruston and North Tacoma. The proposed bioretention facilities along N Pearl Street (SR 163) will treat stormwater runoff within the Asarco Smelter Plume area. The facilities will improve the quality of stormwater discharged into Puget Sound.	5117 Winnifred St	Ruston	PIERCE	27	47.298108	-122.515715
170	Port Angeles city of - Public Works	\$474,300	This project will help to prevent pollutants such as suspended sediment, heavy metals, nutrients, and trash from entering Port Angeles Harbor and the Salish Sea by constructing a new decant facility and more than doubling the capacity of the City of Port Angeles to provide treatment and disposal of vector and street sweeping waste.	321 East Fifth Street - PO Box 1150	Port Angeles	CLALLAM	24	48.126989	-123.519808
171	Olympia city of	\$269,250	The Harrison Avenue Stormwater Retrofit project will reduce stormwater contaminants associated with runoff from a basin predominately zoned "high density corridor" straddling a heavily traveled, arterial street in West Olympia. Retrofitting the street for stormwater treatment will improve the quality of water discharged to the West Bay of Budd Inlet.	601 4th Ave East	Olympia	THURSTON	22	47.045848	-122.913301
172	Mukilteo city of	\$968,989	This project will improve water quality in Japanese Gulch Creek and Puget Sound through installation of a Decant Station and Settling Vault at 4206 78th Street SW in the City of Mukilteo and by providing pollutant source control through an enhanced jet cleaning and vactoring program for legacy pollutant removal. This project will reduce flows to Japanese Gulch Creek and Puget Sound by removing current decant liquids from the stormwater system and routing them to the sanitary sewer system.	11930 Cyrus Way	Mukilteo	SNOHOMISH	21	47.926597	-122.29128
	TBD-Grants Cancelled	\$8,538,316	In following Ecology's MTCA Cash Management Plan, if contracts have to be cancelled, Ecology would review projects under contract with unspent funding, identify any projects under budget, consider project ranking, and then determine which contracts would be cancelled or reduced.	Statewide	N/A	Statewide	N/A	N/A	N/A
<b>Total</b>		<b>\$20,884,600</b>							

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 9:16AM

Project Number: 30000374

Project Title: Remedial Action Grants

**Description**

Starting Fiscal Year: 2014

Project Class: Grant - Pass Through

Agency Priority: 2

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2013-15 Supplemental Capital Budget provided \$62.5 million Local Toxics Control Account (LTCA) appropriation for new RA grants. All of this funding has been granted to local grant recipients, and cleanup projects supported by it have been underway for at least three years. When the 2015-17 biennial budget was passed, about one-quarter of the appropriation was assumed to be spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2013-15 Capital Budget for projects that would otherwise be canceled in 2017-19 due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project. Part of the reappropriation request is for new bond backfill funding from the SBCA of \$11.9 million and a reduction to LTCA funding by the same amount to help bridge the MTCA revenue gap and avoid having to cancel existing contracts so these important projects can be completed. Providing backfill funding will continue important cleanup work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description****What is the proposed project?**

Ecology's primary tool for helping local governments clean up contaminated sites is the RA grant program. The purpose of this program is to expedite cleanup and redevelopment of contaminated sites and to ease the financial impact of cleanup on local ratepayers and taxpayers. The funding is intended to supplement and leverage up to 50 percent local government funding and funding from other sources, including insurance and contribution claims. Cleaning up contaminated sites protects the groundwater that serves over half of the state's population, and it promotes a healthy environment for Washingtonians. Cleaning up contaminated sites can provide other benefits, including:

- Reusing scarce industrial sites in urban areas.
- Expanding local tax bases.
- Promoting livable communities.
- Promoting local economic redevelopment.
- Preserving farmland.

In 2013, there were significant changes made to MTCA. Among them, was direction for Ecology to plan hazardous site cleanup at a pace that matches the estimated cash resources in the MTCA accounts. (RCW 70.105D.170) Cleanups can take many years once a site has been contaminated with toxic chemicals. Three major factors determine the length of time for cleanup: the regulatory process used (formal versus independent cleanup); the nature of the contaminants (how difficult they are to remediate); and the type of contaminated media (soil, groundwater, sediments, etc.) Ecology established an ideal target for achieving site cleanup within five years; and has been actively working toward this target by employing model remedies, supporting local governments to plan for cleanup with Integrated Planning Grants, and developing tools and policies to help achieve cleanup faster.

Local governments need financial certainty for cleanup project development to ensure existing projects are completed as envisioned, and new projects can be planned and designed to maximize environmental and public health improvements and economic development opportunities. The MTCA revenue decline that resulted in cleanup project delays in the 2015-17 Biennium created uncertainties for public funding. Despite Department of Revenue's Hazardous Substance Tax (HST, MTCA's major revenue source) forecasts projecting a recovery in the next few years, delays in HST revenue recovery will continue to restrain cleanup projects funded with MTCA.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 9:16AM

Project Number: 30000374

Project Title: Remedial Action Grants

**Description**

The 2013-15 Capital Budget provided \$62.5 million in LTCA appropriations for RA grants, and all of this funding has been granted. But, with the significant drop in the price of oil, and correlated decreases over the past two years in HST forecast, revenue projections for all three MTCA accounts (State Toxics Control Account, LTCA, Environmental Legacy Stewardship Account) fall short of funding the reappropriations for 2013-15 RA grant projects. Ecology requests SBCA backfill funding of \$11.9 million (as of August 2016) for this reappropriation to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to continue. If bond backfill is not provided, grants will likely be canceled, depending on MTCA fund balance projections and actual HST collections.

**What opportunity or problem is driving this request?****The reason for the project:**

RA grants are used to help local governments clean up contaminated sites. This protects the groundwater that serves over half the state's population, and it promotes a healthy environment for Washingtonians. Cleaning up contaminated sites can provide other benefits, including reusing scarce industrial sites in urban areas; expanding local tax bases; promoting livable communities; promoting local economic redevelopment; and preserving farmland.

This RA project has been appropriated with MTCA funding since the 2013-15 Biennium. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19, resulting in a projected revenue shortfall of \$78 million as of August 2016. The HST is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. Ecology requests backfill funding from the SBCA to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.
- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).
- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.
- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also preserved investments in cleanup. In the RA grant program, the SBCA was used to backfill MTCA transfers. This provided funding for existing projects and invested in new RA grants during the economic downturn. Now, the economy is in a growth period – the very time when toxic site cleanup is affordable and interest in redevelopment is high. Ecology requests SBCA backfill funding be appropriated so grants are not canceled and important cleanup work is not stopped.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 9:16AM

Project Number: 30000374

Project Title: Remedial Action Grants

**Description****The effects of non-funding:**

The RA grant program is well established for helping local governments clean up contaminated sites in their communities. It is a high funding priority in MTCA, and is the mechanism for carrying out the provisions of this law. Funding this request will allow the state to further meet its statutory obligation to provide continued support to local governments for cleaning up toxics in the environment. If this proposal is not funded, the state would have to cancel up to \$11.9 million in existing grants to balance the MTCA revenue shortfall (as of August 2016- future revenue forecasts will likely change this amount). Ecology would not be able to support local governments in meeting their obligations to eliminate toxic threats and protect the people living in their communities.

**How does the project support the agency and statewide results?**

This project is essential to implementing a priority in Ecology's strategic plan by supporting the priority to Prevent and Reduce Toxic Threats. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

This request is essential to support the Governor's budget and economic priorities by investing funds to protect public health and natural resources. This request will also support Results Washington Goal 3, Sustainable Energy and a Clean Environment, by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and wildlife resources. Specifically:

Goal-topic: Clean and Restored Environment – Sub-topic: Healthy Lands.

Outcome Measure 3.1 – Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020.

Leading Indicator 3.1.a – Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016.

This work also supports Goal 2, Prosperous Economy by creating and supporting jobs and making it possible to redevelop previously contaminated land to support economic growth in communities.

This request also supports Puget Sound Action Agenda implementation through the following strategies:

Strategy 21 Address and Clean Up Cumulative Water Pollution Impacts in Puget Sound, substrategy 21.2 Clean Up Contaminated Sites Within and Near Puget Sound. This request relates to the Puget Sound Action Agenda strategy and substrategy by reducing and controlling the sources of pollution. Ecology's work to cleanup areas contaminated with hazardous substances returns a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem. Ecology's focused work in Puget Sound will be accomplished by making direct state investments, using contributions by potentially liable parties, and entering interagency agreements with affected local governments and resource agencies.

Strategy 10 Use a Comprehensive Approach to Manage Urban Stormwater Runoff at the Site and Landscape Scales, substrategy 10.3 Fix Problems Caused by Existing Development, regional priority 10.3-2 Provide Infrastructure and Incentives to Accommodate Redevelopment Within Designated Urban Centers in Urban Growth Areas. This request relates to the Puget Sound Action Agenda sub-strategy and regional priority by cleaning up previously contaminated sites so they can be redeveloped, which promotes revitalization and economic growth in urban areas.

**What are the specific benefits of this project?**

This request contributes to cleanup progress in Washington, and there will be a direct impact on human health and the environment by fully funding these cleanups. The impacts will be largely felt in areas in or immediately adjacent to Puget Sound. There will also be economic redevelopment benefits, because cleanup at a number of these sites is the first step in the redevelopment process.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 9:16AM

Project Number: 30000374

Project Title: Remedial Action Grants

**Description**

This is a continuing and well established program to help local governments. Funding this request will allow Ecology to provide continued and enhanced support to local governments for cleaning up toxics in the environment.

Cleaning up contaminated property is usually integrated with economic redevelopment, habitat restoration, and public recreation projects. Most cleanup projects are the first phase of a larger community or economic redevelopment projects where the cleanup site is the focal point of the project.

**How will clients be affected and services change if this project is funded?**

This request will continue to provide funding to meet local government RA grant needs. This funding will help local governments clean up contaminated properties to be redeveloped and provide an economic benefit to the community.

**Are FTEs required to support this project?**

The FTEs required to support this project are requested in the new 2017-19 RA grant budget request.

**How will the other state programs or units of government be affected if this project is funded?**

The costs of remediating hazardous waste sites are often beyond the financial means of local governments and ratepayers. The RA grant program is used to supplement local government funding and funding from other sources to carry out required remedial action. This grant program will continue to benefit local governments statewide if this request is funded.

**What is the impact on the state operating budget?**

None

**NEW. Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

Ecology considered several alternatives for funding these projects. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology's ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

If an alternative solution is not provided, Ecology would have to cancel up to \$11.9 million of these RA cleanup projects (as of August 2016- future revenue forecasts will likely change this amount). Funding a bond backfill is the best option because it will fund the capital budget as the Legislature originally intended, and give Ecology the resources to continue implementation of the

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 9:16AM

Project Number: 30000374

Project Title: Remedial Action Grants

**Description**

budget as originally passed.

**What is the agency's proposed funding strategy for the project?**

Ecology is requesting \$31.2 million in total reappropriation for this project (based on expenditures through July 2016). The total reappropriation amount will be updated as actual spending occurs for the rest of the 2015-17 Biennium. Part of the reappropriation request is for new bond backfill funding from the SBCA of \$11.9 million and a reduction to LTCA funding by the same amount to help bridge the MTCA revenue gap and avoid having to cancel existing contracts. This will allow important RA cleanup work to continue on July 1, 2017, rather than having to stop cleanup grants. This funding is matched up to 50 percent by local governments.

Note: The total amount being requested in bond funding for 2017-19 Remedial Action Grants is \$76.3 million, which includes \$39.8 million in new funding to start or continue the next phase of projects; and due to the MTCA revenue shortfall, \$24.6 million for projects that will continue to be delayed in reappropriation 30000458, and this \$11.9 million in projects that are under contract and will have to be cancelled in reappropriation 30000374 unless a revenue solution is provided. Traditional new investments in Remedial Action Grants have averaged around \$63.8 million a biennium over the last three biennia.

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	11,855,000				11,855,000
174-1	Local Toxics Control-State	50,682,000	23,649,000	7,660,000	31,228,000	(11,855,000)
	<b>Total</b>	<b>62,537,000</b>	<b>23,649,000</b>	<b>7,660,000</b>	<b>31,228,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
174-1	Local Toxics Control-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/9/2016 9:16AM

**Project Number:** 30000374

**Project Title:** Remedial Action Grants

**Operating Impacts**

---

**No Operating Impact**



## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Remedial Action Grants</u>
<b>Project Number:</b>	<u>30000374</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**Description**

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description****What is the proposed project?**

Ecology's primary tool for helping local governments clean up contaminated sites is the RA grant program. The purpose of this program is to expedite cleanup and redevelopment of contaminated sites and to ease the financial impact of cleanup on local ratepayers and taxpayers. The funding is intended to supplement and leverage up to 50 percent local government funding and funding from other sources, including insurance and contribution claims. Cleaning up contaminated sites protects the groundwater that serves over half of the state's population, and it promotes a healthy environment for Washingtonians. Cleaning up contaminated sites can provide other benefits, including:

- Reusing scarce industrial sites in urban areas.
- Expanding local tax bases.
- Promoting livable communities.
- Promoting local economic redevelopment.
- Preserving farmland.

In 2013, there were significant changes made to MTCA. Among them, was direction for Ecology to plan hazardous site cleanup at a pace that matches the estimated cash resources in the MTCA accounts. (RCW 70.105D.170) Cleanups can take many years once a site has been contaminated with toxic chemicals. Three major factors determine the length of time for cleanup: the regulatory process used (formal versus independent cleanup); the nature of the contaminants (how difficult they are to remediate); and the type of contaminated media (soil, groundwater, sediments, etc.) Ecology established an ideal target for achieving site cleanup within five years; and has been actively working toward this target by employing model remedies, supporting local governments to plan for cleanup with Integrated Planning Grants, and developing tools and policies to help achieve cleanup faster.

Local governments need financial certainty for cleanup project development to ensure existing projects are completed as envisioned, and new projects can be planned and designed to maximize environmental and public health improvements and economic development opportunities. The MTCA revenue decline that resulted in cleanup project delays in the 2015-17 Biennium created uncertainties for public funding. Despite Department of Revenue's Hazardous Substance Tax (HST, MTCA's major revenue source) forecasts projecting a recovery in the next few years, delays in HST revenue recovery will continue to restrain cleanup projects funded with MTCA. All of the delayed projects on the attached list are for existing projects.

MTCA's cleanup process informs project prioritization. Ecology's Toxics Cleanup Program (TCP) guides all cleanup projects

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**Description**

through MTCA's regulatory process and requirements, including those seeking state capital budget funding. MTCA requires all cleanup projects proceed through the following phases:

1. Assessment: All projects are prioritized based on human health and environmental risks. Cleanup projects address risks from exposure to contaminated soil; contaminated groundwater and drinking water; contaminated marine water and sediment, which pose human health risks from consuming fish and shellfish; toxic vapors; or a combination of the above.
2. Investigate: Remedial investigations define the nature, extent, and magnitude of contamination on all projects.
3. Study: Feasibility studies are conducted on all projects and include alternative analysis, cost-benefit analysis, long-term or life-cycle cost analysis, and cleanup technology preferences.
4. Plan: Information from the remedial investigation and feasibility study are included in a cleanup action plan that describes cleanup standards, methods, monitoring requirements, and schedule – including any time-critical elements.
5. Comment: The public is encouraged to review and comment on the projects' investigations, feasibility studies, and cleanup plans during public comment periods.
6. Cleanup: Designing, constructing, operating, and monitoring the cleanup. At this phase, projects are ready to proceed: They are in construction; they have permits or are in the permitting process; their design is complete or underway; or they are under contract. A cleanup is complete when Ecology determines cleanup standards have been met.

In addition to projects being evaluated according to the MTCA regulatory process, the enacted 2015-17 biennial capital budget provided three tools for managing cash in the MTCA accounts: transfers between accounts, taking a loan from the Cleanup Settlement Account, and delaying cleanup projects (Second Engrossed House Bill 1115, Section 7038). After that budget became law, Ecology and the Office of Financial Management developed a MTCA Cash Management Plan (Plan) for the 2015-17 Biennium. The Plan describes Ecology's use of the three options to maintain positive cash balances in the accounts, including delaying several high-priority cleanup projects.

Section 7038 (3) authorized Ecology to delay the start of cleanup projects based on acuity of need, readiness to proceed, cost-efficiency, or need to ensure geographic distribution. Ecology used this authority in the 2015-17 Biennium to guide project priority. The list of delayed projects is prioritized by:

1. Applying Section 7038 criteria as detailed in the Plan.
2. Where groups of projects met all of the same Section 7038 criteria, projects were further ranked considering Ecology's regional and program priorities.
3. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects. Some of the delayed projects have been in line for funding for more than two years, and circumstances may have changed. Ecology reviewed each request to ensure the project is still viable, updated descriptive information, and confirmed dollar amounts. The project list explains any changes.

Attached is a prioritized list of delayed projects that will be funded with this request. The enacted 2016 Supplemental Capital Budget provided \$60.1 million in LTCA appropriations for RA grants, assuming about half would be spent in the 2017-19 Biennium. But, with the significant drop in the price of oil, and correlated decreases over the past two years in HST forecast, revenue projections for all three MTCA accounts (State Toxics Control Account, LTCA, Environmental Legacy Stewardship Account) fall short of funding the appropriations for delayed 2015-17 RA grant projects. Ecology requests State Building Construction Account (SBCA) dollars of \$24.6 million for this reappropriation to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**Description****What opportunity or problem is driving this request?****The reason for the project:**

RA grants are used to help local governments clean up contaminated sites. This protects the groundwater that serves over half the state's population, and it promotes a healthy environment for Washingtonians. Cleaning up contaminated sites can provide other benefits, including reusing scarce industrial sites in urban areas; expanding local tax bases; promoting livable communities; promoting local economic redevelopment; and preserving farmland.

This RA project was appropriated with MTCA funding in the 2015-17 Biennium. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19, resulting in a projected revenue shortfall of \$78 million as of August 2016. The HST is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. Ecology requests backfill funding from the SBCA to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.
- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).
- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.
- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also preserved investments in cleanup. In the RA grant program, the SBCA was used to backfill MTCA transfers. This provided funding for existing projects and invested in new RA grants during the economic downturn. Now, the economy is in a growth period – the very time when toxic site cleanup is affordable and interest in redevelopment is high. Ecology requests SBCA backfill funding be appropriated so important cleanup work does not continue to be delayed.

**The effects of non-funding:**

The RA grant program is well established for helping local governments clean up contaminated sites in their communities. It is a high funding priority in MTCA, and is the mechanism for carrying out the provisions of this law. Funding this request will allow the state to further meet its statutory obligation to provide continued support to local governments for cleaning up toxics in the environment. If this proposal is not funded, the state would not be able to support local governments in meeting their obligations to eliminate toxic threats and protect the people living in their communities.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**Description****How does the project support the agency and statewide results?**

This project is essential to implementing a strategic priority in Ecology's strategic plan by supporting the priority to Prevent and Reduce Toxic Threats. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

This request is essential to support the Governor's budget and economic priorities by investing funds to protect public health and natural resources. This request will also support Results Washington Goal 3, Sustainable Energy and a Clean Environment, by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and wildlife resources. Specifically:

Goal-topic: Clean and Restored Environment – Sub-topic: Healthy Lands.

Outcome Measure 3.1 – Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020.

Leading Indicator 3.1.a – Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016.

This work also supports Goal 2, Prosperous Economy by creating and supporting jobs and making it possible to redevelop previously contaminated land to support economic growth in communities.

This request also supports Puget Sound Action Agenda implementation through strategy 21 "Address and clean up cumulative water pollution impacts in Puget Sound," substrategy 21.2 "Clean up contaminated sites within and near Puget Sound" by reducing and controlling the sources of pollution.

In addition, this request directly supports sub-strategy 10.3 "Fix problems caused by existing development," regional priority 10.3-2 "Provide infrastructure and incentives to accommodate re-development within designated urban centers in urban growth areas". Ecology's work to cleanup areas contaminated with hazardous substances returns a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem. Through the RA grant program, Ecology works in partnership with local governments to fund remedial actions at contaminated sites in Puget Sound.

**What are the specific benefits of this project?**

This request contributes to cleanup progress in Washington, and there will be a direct impact on human health and the environment by fully funding these cleanups. The impacts will be largely felt in areas in or immediately adjacent to Puget Sound. There will also be economic redevelopment benefits, because cleanup at a number of these sites is the first step in the redevelopment process.

This is a continuing and well established program to help local governments. Funding this request will allow Ecology to provide continued and enhanced support to local governments for cleaning up toxics in the environment.

Cleaning up contaminated property is usually integrated with economic redevelopment, habitat restoration, and public recreation projects. Most cleanup projects are the first phase of a larger community or economic redevelopment projects where the cleanup site is the focal point of the project.

**How will clients be affected and services change if this project is funded?**

This request will continue to provide funding to meet local government RA grant needs. This funding will help local governments clean up contaminated properties to be redeveloped and provide an economic benefit to the community.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**Description****Are FTEs required to support this project?**

The FTEs required to support this project are requested in the new 2017-19 RA grant budget request.

**How will the other state programs or units of government be affected if this project is funded?**

The costs of remediating hazardous waste sites are often beyond the financial means of local governments and ratepayers. The RA grant program is used to supplement local government funding and funding from other sources to carry out required remedial action. This grant program will continue to benefit local governments statewide if this request is funded.

**What is the impact on the state operating budget?**

None

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

Ecology considered several alternatives for funding these projects. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology's ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

If an alternative solution is not provided, Ecology would have to further delay these RA cleanup projects until revenue recovers in the MTCA accounts. Funding a bond backfill is the best option because it will fund the capital budget as the Legislature originally intended, and give Ecology the resources to continue implementation of the budget as originally passed.

**What is the agency's proposed funding strategy for the project?**

Ecology is requesting \$47.5 million in total reappropriation for this project (based on expenditures through July 2016) and lapsing \$7.3 million. The total reappropriation amount will be updated as actual spending occurs for the rest of the 2015-17 Biennium. Part of the reappropriation request is for new bond backfill funding from the SBCA of \$24.6 million and a reduction to LTCA funding by the same amount to help bridge the gap until MTCA revenue recovers. This will allow important RA cleanup work to begin on July 1, 2017, rather than having to delay projects until sufficient MTCA revenue is available. This funding is matched up to 50 percent by local governments. After reviewing and updating the project list, Ecology determined \$7.3 million of LTCA will be lapsed at the end of the 2015-17 Biennium because circumstances have changed and the funding is not needed at this time.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**Description**

Note: The total amount being requested in bond funding for 2017-19 Remedial Action Grants is \$76.3 million, which includes \$39.9 million in new funding to start or continue the next phase of projects; and due to the MTCA revenue shortfall, this \$24.6 million for projects that will continue to be delayed in reappropriation 30000458, and \$11.8 million in projects that are under contract and will have to be cancelled in reappropriation 30000374 unless a revenue solution is provided. Traditional new investments in Remedial Action Grants have averaged around \$63.8 million a biennium over the last three biennia.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	24,572,000				24,572,000
174-1	Local Toxics Control-State	28,175,000		5,254,000	47,493,000	(24,572,000)
	<b>Total</b>	<b>52,747,000</b>	<b>0</b>	<b>5,254,000</b>	<b>47,493,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
174-1	Local Toxics Control-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**SubProjects**



Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000722

SubProject Title: Georgia Pacific West Mill

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as “future expenditures assumed in the enacted budget.” This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This site is located on the shore of Bellingham Bay in downtown Bellingham. Historically, a pulp and tissue mill and chlorine production facility operated on the site, resulting in elevated concentrations of toxic chemicals in soil, soil vapor, and groundwater. In an area of the site adjacent to Bellingham Bay, soils contain liquid mercury. The concentrations present pose a risk to human health and the environment.

The site is currently unusable. The Port of Bellingham plans to develop the site in conjunction with, or following, cleanup activities. The site is within a large City/Port waterfront redevelopment district.

Cleanup construction of a portion of the site is underway. Development of a preferred cleanup alternative and a cleanup action plan for the remaining mercury-contaminated area of the site is underway.

Funds are needed to complete the engineering design and construct the remedy for the mercury-contaminated area. This work will protect human health and the environment from harm and allow property redevelopment to proceed.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 042

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000722

SubProject Title: Georgia Pacific West Mill

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	3,000,000				3,000,000
	<b>Total</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,000,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(3,000,000)				(3,000,000)
	<b>Total</b>	<b>(3,000,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(3,000,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000723

SubProject Title: Quiet Cove

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes - Quiet Cove in Fidalgo Bay. This is for upland and sediment cleanup. The Site began operating as a bulk fuel terminal and storage facility as early as 1909. The Port of Anacortes (Port) purchased the upland area of the site in July 2013 and performed an environmental investigation the following year. This investigation found several contaminants exceeding accepted cleanup levels under the Model Toxics Control Act (MTCA). Soil samples showed hydrocarbon and heavy metal contamination. Groundwater samples showed Total Petroleum Hydrocarbon cleanup levels (TPHs) and arsenic.

All Anacortes projects were presented as one on the 2016 Supplemental project list. Those projects have been split up and the rank was adjusted after updated Section 7038 criteria.

**Location**

City: Anacortes

County: Skagit

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000723

SubProject Title: Quiet Cove

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	2,730,000				2,730,000
	<b>Total</b>	<b>2,730,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,730,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(2,730,000)				(2,730,000)
	<b>Total</b>	<b>(2,730,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(2,730,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000724

SubProject Title: RG Haley completion

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This site is located on the shore of Bellingham Bay, immediately south of downtown Bellingham. Historically, a wood treating facility operated on the site, resulting in elevated concentrations of highly toxic wood treatment chemicals in the soil, soil vapor, groundwater, and sediment. The concentrations present pose a risk to human health and the environment. Wood treatment chemicals in a portion of the Haley site overlap contaminants associated with the Cornwall Ave. Landfill site to the south. As a result, cleanup of both sites must occur at the same time. The site is currently unusable. The City of Bellingham plans to develop the site and the adjoining Cornwall Ave. Landfill site into a public park in conjunction with cleanup activities. The park is part of a large-scale City/Port waterfront redevelopment project. Development of a cleanup action plan is underway.

Funds are needed to complete the engineering design, and construct the remedy. This work will protect human health and the environment from harm and allow development of the park. This project rank was adjusted after updated Section 7038 criteria.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000724

SubProject Title: RG Haley completion

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	3,000,000				3,000,000
	<b>Total</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,000,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(3,000,000)				(3,000,000)
	<b>Total</b>	<b>(3,000,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(3,000,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000464

SubProject Title: Tiger Oil 24th and Nob Hill, City of Yakima

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This project funds the cleanup efforts at a site in a prime economic redevelopment area. This site is a former gas station that released petroleum products to soil and groundwater. Groundwater impacts extend to nearby residential and commercial properties. Ecology has completed an excavation of contaminated soil and groundwater and tore down an abandoned building. Infiltration galleries were also installed for further groundwater treatment. Although the excavation significantly reduced the contamination, groundwater treatment and monitoring will be necessary. This funding will allow for continued remediation activities, and allow mitigation of ongoing environmental concerns. This project rank was adjusted after updated Section 7038 criteria.

**Location**

City: Yakima

County: Yakima

Legislative District: 015

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000464

SubProject Title: Tiger Oil 24th and Nob Hill, City of Yakima

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,280,000				1,280,000
	<b>Total</b>	<b>1,280,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,280,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(1,280,000)				(1,280,000)
	<b>Total</b>	<b>(1,280,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,280,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000469

SubProject Title: Ephrata Landfill

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

The City of Ephrata began operating the Ephrata Landfill in about 1942 and owned and managed it until 1974. Grant County took ownership of the landfill in 1974 and has managed it until now. The landfill ran as an open dump before 1962. It operated continuously as an unlined landfill until a new lined cell opened in 2005. Landfill personnel buried about 2,000 drums of industrial hazardous waste in 1975. Contaminants released from the unlined landfill and leaking drums are found in three aquifers and include heavy metals, solvents, and other industrial chemicals. Existing grants are available for 2015-17 estimated spending. The next phase of work will include drilling additional groundwater monitoring wells at the site, construction of a treatment system to remove contaminants from groundwater, pumping and extraction tests to determine the effectiveness of the selected remedy, construction of an evaporation pond, contaminated soil removal, and extraction of soil vapors containing volatile organic compounds. This project rank was adjusted after updated Section 7038 criteria.

**Location**

City: Ephrata

County: Grant

Legislative District: 013

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000469

SubProject Title: Ephrata Landfill

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	2,366,000				2,366,000
	<b>Total</b>	<b>2,366,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,366,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(2,366,000)				(2,366,000)
	<b>Total</b>	<b>(2,366,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(2,366,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000725

SubProject Title: Ameron/Hulbert

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This project provides additional grant funds to complete upland cleanup activities. Inwater sediments cleanup is complete. This project is important to protecting water quality and preventing recontamination of sediments.

The Port entered a Consent Decree for final cleanup of this site in January 2015. The final cleanup action required for this site will cleanup soil, groundwater and a failing stormwater system. The Project is to be completed in conjunction with the cleanup of the TC Systems, Inc. MTCA site. The site was historically used for shingle and saw milling, marine support services and concrete pole manufacturing activities since the late 1800s. The Port has completed significant investigation and cleanup since 1991. Interim actions were conducted in the early 1990s (1991, 1993) and in the mid-2000s (2005-2007) to clean up much of the contaminated soil at the site. Close to 22,000 cubic yards of contaminated soil were removed as part of the interim actions. Three emergency action cleanups were conducted between 2011 and 2014.

This project rank was adjusted after updated Section 7038 criteria.

**Location**

City: Everett

County: Snohomish

Legislative District: 038

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000725

SubProject Title: Ameron/Hulbert

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	676,000				676,000
	<b>Total</b>	<b>676,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>676,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(676,000)				(676,000)
	<b>Total</b>	<b>(676,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(676,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000726

SubProject Title: Blaine Marina Tank Farm

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This project provides grant funds for the on-going process to cleanup historic petroleum contamination at the Port of Bellingham Blaine Marina, Inc. site. This work principally involves the removal of source contamination, including old fuel facility infrastructure (storage tanks, piping, etc.), and affected soils beneath and nearby the facility. After a bulk removal process of contaminated material, residual low-level soil and groundwater contaminants will be treated in place and monitored over time to insure compliance with cleanup objectives. These additional funds would complete the cleanup action plan to implement cleanup.

This project rank was adjusted after updated Section 7038 criteria.

**Location**

City: Blaine

County: Whatcom

Legislative District: 042

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000726

SubProject Title: Blaine Marina Tank Farm

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	900,000				900,000
	<b>Total</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(900,000)				(900,000)
	<b>Total</b>	<b>(900,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(900,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000727

SubProject Title: Log Haul Out

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes - Log Haul Out in Fidalgo Bay. This is in preparation for sediment cleanup.

The site is owned by the Port of Anacortes and was used historically for log handling from the mid-1960s to about 2004. Operations included log rafting and the transfer of logs to upland sorting areas on Pier 2.

Following the closure of the facility in 2004, the Port led an investigation to assess potential impacts from decades of log handling activities. Further investigations from 2008 to 2010 found that sediment samples failed to meet Ecology's regulatory levels.

All Anacortes projects were presented as one on the 2016 Supplemental project list. Those projects have been split up and the rank was adjusted after updated Section 7038 criteria.

**Location**

City: Anacortes

County: Skagit

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000727

SubProject Title: Log Haul Out

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	162,000				162,000
	<b>Total</b>	<b>162,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>162,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(162,000)				(162,000)
	<b>Total</b>	<b>(162,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(162,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000728

SubProject Title: Western Port Angeles Harbor

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

The Western Port Angeles Harbor has widespread sediment contamination. High levels of dioxins, polychlorinated biphenyl (PCBs), carcinogenic polycyclic aromatic hydrocarbons (cPAHs), and metals are present in the sediments from historic timber industry facilities (plywood, lumber, paper, and pulp mills). The Port of Port Angeles is one of seven named potentially liable parties (PLPs) and one of five cooperatively working with Ecology to conduct a Remedial Investigation/Feasibility Study (RI/FS).

**Location**

City: Port Angeles

County: Clallam

Legislative District: 024

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000728

SubProject Title: Western Port Angeles Harbor

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	750,000				750,000
	<b>Total</b>	<b>750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(750,000)				(750,000)
	<b>Total</b>	<b>(750,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(750,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000729

SubProject Title: Dakota Creek

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes – Dakota Creek in Fidalgo Bay. This is preparation for upland cleanup to complete the cleanup of the full site and prevent recontamination of sediment.

The Port-owned site includes uplands and sediments. The Site has been used for industrial and shipyard activities since approximately 1879. Dakota Creek Industries, Inc., has leased the property from the Port since 1977 and uses the Site as a shipyard for the construction and repair of vessels. From approximately 1925 to 1969 several above-ground storage tanks were present on the upland portion and used for bulk fuel storage and distribution.

All Anacortes projects were presented as one on the 2016 Supplemental project list. Those projects have been split up and the rank was adjusted after updated Section 7038 criteria.

**Location**

City: Anacortes

County: Skagit

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000729

SubProject Title: Dakota Creek

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	108,000				108,000
	<b>Total</b>	<b>108,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>108,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(108,000)				(108,000)
	<b>Total</b>	<b>(108,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(108,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000730

SubProject Title: Earley Business Ctr, Alexander Ave, Portac

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This project provides additional grant funds for the on-going site investigation and cleanup activities for multiple sites at the Port of Tacoma. Sites include:

The Earley Business Center has had a variety of business and industries on-site including shipbuilding during World War I and World War II. Contaminants include chlorinated solvents, PCBs, pesticides, and metals.

Alexander Avenue Petroleum Tank Facilities site has had buildings for petroleum processing and storage on site since the 1930s. The main contaminants at the site are weathered diesel, gasoline and benzene in soils and groundwater, which have spread onto surrounding properties and into the Hylebos Waterway. Portac was a former log sort yard site where slag was used as ballast. Arsenic contamination from the slag is impacting soil and groundwater.

This project rank was adjusted after updated Section 7038 criteria.

**Location**

City: Tacoma

County: Pierce

Legislative District: 027

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000730

SubProject Title: Earley Business Ctr, Alexander Ave, Portac

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	800,000				800,000
	<b>Total</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(800,000)				(800,000)
	<b>Total</b>	<b>(800,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(800,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000731

SubProject Title: Kaiser Site

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

The State will reimburse unanticipated costs the Port incurred when they discovered additional contamination during the cleanup. The Department of Defense and Kaiser Aluminum Company operated an aluminum smelter and manufacturing plant at the site for over 60 years. Contaminants of concern in the soil and groundwater at this site included carcinogenic polynuclear aromatic hydrocarbons (cPAHs), metals, polychlorinated biphenyl (PCBs), petroleum products, and other byproducts of aluminum smelting.

Remedial Actions completed to date are capping of a former sludge pond, excavation and offsite disposal of soil and other waste materials and ongoing groundwater monitoring.

The Port is currently using the site for storing imported vehicles. This project rank was adjusted after updated Section 7038 criteria.

**Location**

City: Tacoma

County: Pierce

Legislative District: 027

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000731

SubProject Title: Kaiser Site

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	2,300,000				2,300,000
	<b>Total</b>	<b>2,300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,300,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(2,300,000)				(2,300,000)
	<b>Total</b>	<b>(2,300,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(2,300,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000732

SubProject Title: Lora Lake site

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

In 1998, the Port of Seattle (Port) bought the Lora Lake Apartments site, part of which was required for Sea-Tac Airport Third Runway Protection Zone, where residences are prohibited. The portion of the site that was not required for the Runway Protection Zone is slated to be redeveloped.

In the 1940s and 1950s, the site was used for cleaning of barrels that contained chemicals. From about 1960 to 1981, the site was used for auto wrecking. Former activities at the site released hazardous chemicals into the environment including polycyclic aromatic hydrocarbons, petroleum products, pentachlorophenol, dioxin, and arsenic.

A developer purchased the site during the 1980s, and in 1987 built the Lora Lake Apartments.

Grant funds are for removal of contaminated soil and cleanup of surface water and sediment in a small lake located on Lora Lake Apartment parcel. This funding is primarily for the in-water cleanup of the lake. The cleanup is scheduled to be completed during the period of 2017-2019. A consent decree for cleanup was signed in September 2015 and the engineering design report has been provided for Ecology review.

**Location**

City: Burien

County: King

Legislative District: 033

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000732

SubProject Title: Lora Lake site

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	5,000,000				5,000,000
	<b>Total</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(5,000,000)				(5,000,000)
	<b>Total</b>	<b>(5,000,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(5,000,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000461

SubProject Title: Integrated Planning Grants

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 3

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$47.5 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$24.6 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

Planning: Grant funding to develop plans to redevelop contaminated properties.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:38AM

Project Number: 30000458

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000461

SubProject Title: Integrated Planning Grants

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,500,000				1,500,000
	<b>Total</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(1,500,000)				(1,500,000)
	<b>Total</b>	<b>(1,500,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,500,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Remedial Action Grants</u>
<b>Project Number:</b>	<u>30000458</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Toxics Cleanup Program**  
**Remedial Action Grants - Delayed**  
**June 24, 2016**

PURPOSE: The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the Model Toxics Control Act (MTCA) accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology requests State Building Construction Account (SBCA) dollars of \$24.6 million for this reappropriation to offset the shortfall in MTCA revenue in the 2017-19 Biennium. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions.

Since the 2016 Supplemental capital budget list was ranked, circumstances have changed. Ecology reviewed each project to ensure the project is still viable, updated descriptive information and confirmed dollar amounts. Below is an updated priority listing of delayed projects that will be funded with this request. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available. The projects included in this request have been reviewed and are ready to proceed according to the MTCA regulatory process. In addition to projects being evaluated according to the MTCA regulatory process, the enacted 2015-17 biennial capital budget provided three tools for managing cash in the MTCA accounts, including authorization to delay cleanup projects (Second Engrossed House Bill 1115, Section 7038). After that budget became law, Ecology and the Office of Financial Management, developed a MTCA Cash Management Plan (Plan) for the 2015-17 Biennium. The Plan described Ecology's use of the three options to maintain positive cash balances in the accounts, including delaying several high-priority cleanup projects.

Section 7038 (3) authorized Ecology to delay the start of cleanup projects based on acuity of need, readiness to proceed, cost-efficiency, or need to ensure geographic distribution. Ecology used this authority in the 2015-17 biennium to guide project priority. The list of delayed projects is prioritized by:

1. Applying Section 7038 criteria as detailed in the Plan.
2. Where groups of projects met all of the same Section 7038 criteria, projects were further ranked considering Ecology's regional and program priorities.
3. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects. Some of the delayed projects have been in line for funding for more than two years.

New Rank	Project	Description	Phase of Cleanup	County	State Share	Site Address	City	Leg. District	Latitude	Longitude
1	Georgia Pacific West Mill	This site is located on the shore of Bellingham Bay in downtown Bellingham. Historically, a pulp and tissue mill and chlorine production facility operated on the site, resulting in elevated concentrations of toxic chemicals in soil, soil vapor, and groundwater. In an area of the site adjacent to Bellingham Bay, soils contain liquid mercury. The concentrations present pose a risk to human health and the environment.  The site is currently unusable. The Port of Bellingham plans to develop the site in conjunction with, or following, cleanup activities. The site is within a large City/Port waterfront redevelopment district.  Cleanup construction of a portion of the site is underway. Development of a preferred cleanup alternative and a cleanup action plan for the remaining mercury-contaminated area of the site is underway.  Funds are needed to complete the engineering design and construct the remedy for the mercury-contaminated area. This work will protect human health and the environment from harm and allow property redevelopment to proceed.	Cleanup / Post Closure Monitoring	Whatcom	3,000,000	300 W Laurel Street	Bellingham	42	48.74678	-122.48348
2	Quiet Cove	This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes - Quiet Cove in Fidalgo Bay. This is for upland and sediment cleanup.  The Site began operating as a bulk fuel terminal and storage facility as early as 1909. The Port of Anacortes (Port) purchased the upland area of the site in July 2013 and performed an environmental investigation the following year. This investigation found several contaminants exceeding accepted cleanup levels under the Model Toxics Control Act (MTCA). Soil samples showed hydrocarbon and heavy metal contamination. Groundwater samples showed Total Petroleum Hydrocarbon cleanup levels (TPHs) and arsenic.  All Anacortes projects were presented as one on the 2016 Supplemental project list. Those projects have been split up and the rank was adjusted after updated Section 7038 criteria.	Cleanup / Post Closure Monitoring	Skagit	2,729,500	202 O Avenue	Anacortes	40	48.520246	-122.614678

New Rank	Project	Description	Phase of Cleanup	County	State Share	Site Address	City	Leg. District	Latitude	Longitude
3	RG Haley completion	This site is located on the shore of Bellingham Bay, immediately south of downtown Bellingham. Historically, a wood treating facility operated on the site, resulting in elevated concentrations of highly toxic wood treatment chemicals in the soil, soil vapor, groundwater, and sediment. The concentrations present pose a risk to human health and the environment. Wood treatment chemicals in a portion of the Haley site overlap contaminants associated with the Cornwall Ave. Landfill site to the south. As a result, cleanup of both sites must occur at the same time. The site is currently unusable. The City of Bellingham plans to develop the site and the adjoining Cornwall Ave. Landfill site into a public park in conjunction with cleanup activities. The park is part of a large-scale City/Port waterfront redevelopment project.  Development of a cleanup action plan is underway.  Funds are needed to complete the engineering design, and construct the remedy. This work will protect human health and the environment from harm and allow development of the park.  This project rank was adjusted after updated Section 7038 criteria.	Cleanup / Post Closure Monitoring	Whatcom	3,000,000	Cornwall Avenue N	Bellingham	40	48.74238	-122.49004
4	Tiger Oil 24th & Nob Hill	This project funds the cleanup efforts at a site in a prime economic redevelopment area. This site is a former gas station that released petroleum products to soil and groundwater. Groundwater impacts extend to nearby residential and commercial properties. Ecology has completed an excavation of contaminated soil and groundwater and tore down an abandoned building. Infiltration galleries were also installed for further groundwater treatment. Although the excavation significantly reduced the contamination, groundwater treatment and monitoring will be necessary. This funding will allow for continued remediation activities, and allow mitigation of ongoing environmental concerns.  This project rank was adjusted after updated Section 7038 criteria.	Cleanup / Post Closure Monitoring	Yakima	1,279,500	2312 W Nob Hill Blvd	Yakima	15	48.58514	-120.54021
5	Ephrata Landfill	The City of Ephrata began operating the Ephrata Landfill in about 1942 and owned and managed it until 1974. Grant County took ownership of the landfill in 1974 and has managed it until now. The landfill ran as an open dump before 1962. It operated continuously as an unlined landfill until a new lined cell opened in 2005. Landfill personnel buried about 2,000 drums of industrial hazardous waste in 1975. Contaminants released from the unlined landfill and leaking drums are found in three aquifers and include heavy metals, solvents, and other industrial chemicals. Existing grants are available for 2015-17 estimated spending. The next phase of work will include drilling additional groundwater monitoring wells at the site, construction of a treatment system to remove contaminants from groundwater, pumping and extraction tests to determine the effectiveness of the selected remedy, construction of an evaporation pond, contaminated soil removal, and extraction of soil vapors containing volatile organic compounds.  This project rank was adjusted after updated Section 7038 criteria.	Cleanup / Post Closure Monitoring	Grant	2,366,000	Hwy 28	Ephrata	13	47.277082	-119.576427
6	Ameron/Hulbert	This project provides additional grant funds to complete upland cleanup activities. Inwater sediments cleanup is complete. This project is important to protecting water quality and preventing recontamination of sediments.  The Port entered a Consent Decree for final cleanup of this site in January 2015. The final cleanup action required for this site will cleanup soil, groundwater and a failing stormwater system. The Project is to be completed in conjunction with the cleanup of the TC Systems, Inc. MTCA site. The site was historically used for shingle and saw milling, marine support services and concrete pole manufacturing activities since the late 1800s. The Port has completed significant investigation and cleanup since 1991. Interim actions were conducted in the early 1990s (1991, 1993) and in the mid-2000s (2005-2007) to clean up much of the contaminated soil at the site. Close to 22,000 cubic yards of contaminated soil were removed as part of the interim actions. Three emergency action cleanups were conducted between 2011 and 2014.  This project rank was adjusted after updated Section 7038 criteria.	Cleanup / Post Closure Monitoring	Snohomish	676,000	1130 W Marine View Drive	Everett	38	48.002378	-122.215507

New Rank	Project	Description	Phase of Cleanup	County	State Share	Site Address	City	Leg. District	Latitude	Longitude
7	Blaine Marina Tank Farm	This project provides grant funds for the on-going process to cleanup historic petroleum contamination at the Port of Bellingham Blaine Marina, Inc. site. This work principally involves the removal of source contamination, including old fuel facility infrastructure (storage tanks, piping, etc.), and affected soils beneath and nearby the facility. After a bulk removal process of contaminated material, residual low-level soil and groundwater contaminants will be treated in place and monitored over time to insure compliance with cleanup objectives. These additional funds would complete the cleanup action plan to implement cleanup.  This project rank was adjusted after updated Section 7038 criteria.	Plan	Whatcom	900,000	Marine Drive & McMillan Avenue	Blaine	42	48.9923	-122.76319
8	Log Haul Out	This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes - Log Haul Out in Fidalgo Bay. This is in preparation for sediment cleanup.  The site is owned by the Port of Anacortes and was used historically for log handling from the mid-1960s to about 2004. Operations included log rafting and the transfer of logs to upland sorting areas on Pier 2.  Following the closure of the facility in 2004, the Port led an investigation to assess potential impacts from decades of log handling activities. Further investigations from 2008 to 2010 found that sediment samples failed to meet Ecology's regulatory levels.  All Anacortes projects were presented as one on the 2016 Supplemental project list. Those projects have been split up and the rank was adjusted after updated Section 7038 criteria.	Plan	Skagit	162,500	718 4th Street	Anacortes	40	48.51909	-122.60778
9	Western Port Angeles Harbor	The Western Port Angeles Harbor has widespread sediment contamination. High levels of dioxins, polychlorinated biphenyl (PCBs), carcinogenic polycyclic aromatic hydrocarbons (CPAHs), and metals are present in the sediments from historic timber industry facilities (plywood, lumber, paper, and pulp mills). The Port of Port Angeles is one of seven named potentially liable parties (PLPs) and one of five cooperatively working with Ecology to conduct a Remedial Investigation/Feasibility Study (RI/FS).	Study	Clallam	750,000	Western Port Angeles Harbor	Port Angeles	24	48.133101	-123.453712
10	Dakota Creek	This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes - Dakota Creek in Fidalgo Bay. This is preparation for upland cleanup to complete the cleanup of the full site and prevent recontamination of sediment.  The Port-owned site includes uplands and sediments. The Site has been used for industrial and shipyard activities since approximately 1879. Dakota Creek Industries, Inc., has leased the property from the Port since 1977 and uses the Site as a shipyard for the construction and repair of vessels. From approximately 1925 to 1969 several above-ground storage tanks were present on the upland portion and used for bulk fuel storage and distribution.  All Anacortes projects were presented as one on the 2016 Supplemental project list. Those projects have been split up and the rank was adjusted after updated Section 7038 criteria.	Study	Skagit	108,000	115 Q Avenue	Anacortes	40	48.51915	-122.61078
11	Earley Business Ctr, Alexander Ave, Portac	This project provides additional grant funds for the on-going site investigation and cleanup activities for multiple sites at the Port of Tacoma. Sites include:  The Earley Business Center has had a variety of business and industries on-site including shipbuilding during World War I and World War II. Contaminants include chlorinated solvents, PCBs, pesticides, and metals.  Alexander Avenue Petroleum Tank Facilities site has had buildings for petroleum processing and storage on site since the 1930s. The main contaminants at the site are weathered diesel, gasoline and benzene in soils and groundwater, which have spread onto surrounding properties and into the Hylebos Waterway. Portac was a former log sort site where slag was used as ballast. Arsenic contamination from the slag is impacting soil and groundwater.  This project rank was adjusted after updated Section 7038 criteria.	Investigate	Pierce	800,000	Port-wide	Tacoma	27	n/a	n/a



New Rank	Project	Description	Phase of Cleanup	County	State Share	Site Address	City	Leg. District	Latitude	Longitude
12	Kaiser Site	The State will reimburse unanticipated costs the Port incurred when they discovered additional contamination during the cleanup. The Department of Defense and Kaiser Aluminum Company operated an aluminum smelter and manufacturing plant at the site for over 60 years. Contaminants of concern in the soil and groundwater at this site included carcinogenic polynuclear aromatic hydrocarbons (PAHs), metals, polychlorinated biphenyl (PCBs), petroleum products, and other byproducts of aluminum smelting.  Remedial Actions completed to date are capping of a former sludge pond, excavation and offsite disposal of soil and other waste materials and ongoing groundwater monitoring.  The Port is currently using the site for storing imported vehicles.	Cleanup / Post Closure Monitoring	Pierce	2,300,000	3400 Taylor Way	Tacoma	27	47.26174	-122.36844
13	Lora Lake site	This project rank was adjusted after updated Section 7038 criteria.  In 1998, the Port of Seattle (Port) bought the Lora Lake Apartments site, part of which was required for Sea-Tac Airport Third Runway Protection Zone, where residences are prohibited. The portion of the site that was not required for the Runway Protection Zone is slated to be redeveloped.  In the 1940s and 1950s, the site was used for cleaning of barrels that contained chemicals. From about 1960 to 1981, the site was used for auto wrecking. Former activities at the site released hazardous chemicals into the environment including polycyclic aromatic hydrocarbons, petroleum products, pentachlorophenol, dioxin, and arsenic.  A developer purchased the site during the 1980s, and in 1987 built the Lora Lake Apartments.  Grant funds are for removal of contaminated soil and cleanup of surface water and sediment in a small lake located on Lora Lake Apartment parcel. This funding is primarily for the in-water cleanup of the lake. The cleanup is scheduled to be completed during the period of 2017-2019. A consent decree for cleanup was signed in September 2015 and the engineering design report has been provided for Ecology review.	Cleanup / Post Closure Monitoring	King	5,000,000	15001 Des Moines Memorial Drive	Burien	33	47.469283	-122.321603
14	Integrated Planning Grants	Planning: Grant funding to develop plans to redevelop contaminated properties.	Plan							
	City of Mount Vernon	AFLCO Site		Skagit	200,000	101 E Section Avenue	Mount Vernon	40	48.415305	-122.334745
	City of Stanwood	Raplee Property & Hamilton Property		Snohomish	200,000	9818 271st St NW & 26716 98th Dr NW	Stanwood	10	48.242219	-122.366258
	Port of Longview	Berth 4 Silo Complex		Cowlitz	200,000	10 Port Way	Longview	19	46.106149	-122.952869
	Port of Grays Harbor	Hoquiam Paper Mill Site		Grays Harbor	200,000	801 23rd Street	Hoquiam	24	46.971248	-123.873711
	Port of Douglas County	Rock Island Smelter Site, Silicon Metal Tech Lagoon, American Silicon Tech		Douglas	200,000	100 & 199 4th St SW	Rock Island	11	47.36985	-120.13979
	City of Richland	Columbia Point Landing		Benton	200,000	230-290 Bradley Blvd	Richland	8	46.268009	-119.263048
	City of Spokane	Spokane Hillyard (YARD)		Spokane	300,000	23 acre ROZ	Spokane	3	47.70452011	-117.35058064
<b>2017-19 Bond-backfill Request for Delayed Projects</b>										<b>24,571,500</b>
Shipping Berths in										6,250,000
Area-wide										1,000,000
Bulk Fuel Storage										335,000
K Ply										1,500,000
The Port received insurance settlement funds which allows them to move forward with implementing the cleanup action plan. With this funding no longer needed, a portion of the next project on the 2015-17 project list, Georgia Pacific West Mill, was able to be funded to address mercury removal.										
<b>Estimated Bond-backfill for Delayed Projects to match 2016 Supplemental</b>										<b>33,656,500</b>

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description****What is the proposed project?**

In 2013, the Legislature used a provision in the 2013-15 Capital Budget (Section 3081) to direct Ecology to develop and implement an ongoing, comprehensive, statewide stormwater financial assistance program. Ecology worked with stakeholders to develop a stormwater funding program – the SFAP – that is incorporated into Ecology's Water Quality Combined Financial Assistance Program.

Stormwater funding provides grants for stormwater projects through a competitive rating and ranking funding process. These high priority stormwater improvement projects support state water quality goals by preventing pollution generated by existing infrastructure from reaching surface waters. Projects and activities funded include planning and installing capital projects and activities that reduce stormwater pollutants. Stormwater projects include:

- Stormwater basins, pervious pavements, and bio-retention systems that collect runoff from hard surfaces and remove pollutants before the water is released to a water body or infiltrated into the ground.
- Project-specific planning and design to assist jurisdictions in preparing capital improvement projects.
- Toxics source tracing, corrective action, and removal projects. These projects are a cost-effective way of removing sources of toxics and reducing toxics discharge to waterways.
- Prioritized watershed basin retrofit planning and implementation strategies. These projects cross program boundaries (e.g., toxics cleanup sites combined with water quality improvement projects) and may use tools such as Geographic Information System (GIS) mapping to help organize and prioritize stormwater capital improvement projects. This process provides efficiencies of scale and maximizes water quality benefits per dollar invested.

The enacted 2015-17 Supplemental Capital Budget provided \$31.2 million State Building Construction Account (SBCA) for new stormwater grants. But, with the significant drop in the price of oil, and correlated decreases over the past two years in HST forecast, revenue projections for all three MTCA accounts (State Toxics Control Account, LTCA, Environmental Legacy Stewardship Account) fall short of funding the appropriations for delayed 2015-17 stormwater projects. Ecology requests SBCA

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**Description**

dollars of \$26.5 million for this reappropriation to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to continue.

**What opportunity or problem is driving this request?****The reason for the project:**

Polluted stormwater is one of the greatest threats to the health of Washington State waters. Most of this pollution comes from existing infrastructure like buildings, road surfaces, and municipal storm sewer systems built before the Clean Water Act and other environmental regulations. In new and redeveloped areas, developers shoulder most of the cost of treating stormwater. But local jurisdictions are burdened with the expense of cleaning up stormwater problems created by old, ineffective infrastructure. Current municipal stormwater National Pollutant Discharge Elimination System (NPDES) permits do not require retrofitting existing development with stormwater controls; so in many cases, untreated stormwater carrying pollutants from existing infrastructure is released directly into the nearest waterway.

Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19, resulting in a projected revenue shortfall of \$78 million as of August 2016. The HST is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. Ecology requests backfill funding from the SBCA to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.
- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).
- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.
- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also funded new investments in stormwater. In the SFAP, both MTCA and SBCA were used to fund important stormwater projects during the economic downturn. Today our economy is in a growth period, stormwater projects are affordable, and there is a high level of interest by local governments to solve stormwater pollution impacts. Providing SBCA funding will allow important, ready-to-proceed stormwater projects to move forward.

**The effects of non-funding:**

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**Description**

Statewide water quality and public health would be impacted if these grant dollars are not available to assist local communities to mitigate the effects of polluted stormwater. The funds would not be available to local communities for developing and implementing projects that go beyond the requirements of NPDES permits to treat polluted runoff from existing development. Without these funds, capital stormwater improvement projects would not be constructed, and untreated stormwater would continue to pollute Washington's waterways. Untreated stormwater discharges toxic chemicals and other pollutants into waters of the state, which in turn impacts shellfish habitat, fisheries, human health, and other beneficial uses.

**How does the project support the agency and statewide results?**

This request is aligned with, and essential to implementing Ecology's strategic plan goals and strategic priorities:

- Reduce and prepare for climate impacts: During drought and more than average rainfall years, implementing stormwater retrofits and green infrastructure mitigates adverse climate impacts by controlling flow volumes and treating stormwater runoff to remove pollutants.
- Prevent and reduce toxic threats: Funded stormwater projects address stormwater pollutants by implementing stormwater best management practices, constructing stormwater treatment and flow control facilities, and implementing low impact treatment techniques that capture and reduce toxics and other pollutants.
- Deliver integrated water solutions: Some projects funded achieve multiple benefits to both water quality and water resources: including stormwater capture and reuse, infiltration of stormwater runoff, and treatment of polluted stormwater runoff.
- Protect and Restore Puget Sound: On average about 70 percent of the SFAP funds are awarded to projects in the Puget Sound basin. Projects funded lead to direct and indirect improvements to Puget Sound water quality through constructed stormwater pollution control infrastructure that goes above and beyond permit requirements.

This request is essential to support the Governor's Results Washington Goal 3 – Sustainable Energy and Clean Environment. Specifically, Ecology provides regular updates and report outs to the Governor and Goal Council regarding Results G3:3.2a: increase the number of projects that provide stormwater treatment or infiltration.

This request makes a key contribution to statewide results by providing grants for high priority stormwater improvement projects statewide that address Natural Resources strategies to Reduce Negative Impacts on the Environment; Preserve, Maintain and Restore Natural Systems and Landscapes; and Improve Individual Practices and Choices. It also supports salmon recovery efforts.

This request supports Ecology's integrated water quality financial assistance program by leveraging and augmenting loan funds through the Water Pollution Control Revolving Fund (SRF) loan program, the Centennial Clean Water grant program, and the Clean Water Act Section 319 federal grant program. Through the integrated funding program, Ecology continues to apply Lean principles in an effort to improve efficiency in service delivery and improve access to funding for high priority projects that deliver multiple benefits. Cross program and cross agency coordination is also a key element of the water quality financial assistance programs and Ecology is committed to supporting the Infrastructure Assistance Coordinating Council (IACC) as a cross-agency collaborative approach to providing infrastructure, financial and technical assistance to communities throughout Washington.

This request supports Puget Sound Action Agenda implementation through sub-strategy 10.3, Fix Problems Caused by Existing Development by providing funding to cities and counties to retrofit existing development through the Stormwater Financial Assistance Program's competitive grant program. This request directly supports the regional priority 10.3-1: Prioritize where retrofits occur by funding local project planning and design efforts including alternative analysis. This request directly supports regional priority 10.3-4: Research, study and /or pilot legacy pollutant removal programs with intent of filling data gaps. This request funds projects to inspect private parcel Best Management Practices and provides technical assistance to property owners.

**What are the specific benefits of this project?**

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**Description**

The SFAP provides funding to local governments for municipal stormwater management projects that achieve specific environmental and public health benefits, including:

- Improving and protecting water quality by reducing pollutant transport to surface waters.
- Restoring natural hydrology to streams and improving watershed function.
- Promoting groundwater recharge.
- Restoring and protecting designated uses of Washington's waters, such as drinking water, aquatic habitat, and shellfish harvesting.
- Promoting and incentivizing sustainable communities.

**How will clients be affected and services change if this project is funded?**

Since 2006, Ecology has provided stormwater construction grants to local governments through a series of one-time funding provisions in the state capital budget. If this request is funded, Ecology can continue to support local governments in promoting and incentivizing their ongoing efforts to reduce polluted stormwater runoff to Washington water bodies. Local government stakeholders throughout the state have voiced strong support for an ongoing and stable stormwater financial assistance program that can help them proactively address stormwater management problems and improve environmental sustainability and the health of their local communities.

**Are FTEs required to support this project?**

Ecology requires 5.18 FTEs in this project, from the total 12.95 FTEs required for SFAP technical, budget and financial management. The remaining 7.77 FTEs are requested in the new Restore Stormwater project.

**How will the other state programs or units of government be affected if this project is funded?**

Solving stormwater pollution problems requires the efforts of and collaboration with several local, state, federal, and tribal governments. Supporting local governments in implementing stormwater projects will also support the efforts of the Puget Sound Partnership, the Department of Commerce, the Department of Natural Resources, the Department of Health, the Washington State Department of Transportation, the U.S. Environmental Protection Agency, and tribal water quality improvement programs.

**What is the impact on the state operating budget?**

None

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

Ecology considered several alternatives for funding these projects. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**Description**

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology's ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

If an alternative solution is not provided, Ecology would continue to delay \$26.5 million in stormwater projects. In addition funding a bond backfill is the best option because it will fund the capital budget as the Legislature originally intended, and give Ecology the resources to continue implementation of the budget as originally passed.

**What is the agency's proposed funding strategy for the project?**

Ecology is requesting \$31.2 million in total reappropriation for this project (based on expenditures through July 2016). The total reappropriation amount will be updated as actual spending occurs for the rest of the 2015-17 Biennium. Part of the reappropriation request is for new bond backfill funding from SBICA of \$26.5 million and a reduction to the LTCA funding by the same amount to help bridge the revenue gap until MTCA revenue recovers. This will allow important stormwater work to continue on July 1, 2017, rather than having to stop stormwater grants. This funding is matched up to 25 percent by local government funding.

Note: The total amount being requested in bond funding for 2017-19 stormwater projects is \$121.7 million, which includes this \$26.5 million bond backfill request, \$44.2 million in new projects, \$30.1 million to restore reductions from the 2016 Supplemental Budget, and \$20.9 million in projects that will be delayed or are under contract and will have to be cancelled in reappropriation 92000076 unless a revenue solution is provided. Traditional new investments in stormwater have averaged around \$73.8 million a biennium over the last three biennia.

**Proviso**

None

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	26,536,000				26,536,000
174-1	Local Toxics Control-State	4,664,000			31,200,000	(26,536,000)
19G-1	ELS Account-State					
<b>Total</b>		<b>31,200,000</b>	<b>0</b>	<b>0</b>	<b>31,200,000</b>	<b>0</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
174-1	Local Toxics Control-State				
19G-1	ELS Account-State				
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000798

SubProject Title: Marysville city of - Public Works Department



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000798

SubProject Title: Marysville city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will improve water quality in the Allen/Quilceda Creek watershed by enabling the City to purchase, operate and maintain a high efficiency/regenerative air sweeper. This project will add additional capacity to the City's street sweeping program by increasing the volume of sediment and other pollutants removed from city streets over the next four years. This will increase the volume of material removed from Marysville streets by an estimated 33-55%, or 763 cubic yards per year.

**Location**

City: Marysville

County: Snohomish

Legislative District: 038

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000798

SubProject Title: Marysville city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	506,000				506,000
	<b>Total</b>	<b>506,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>506,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(506,000)				(506,000)
	<b>Total</b>	<b>(506,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(506,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000799

SubProject Title: Spokane city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project proposes to construct infiltration ponds for the City of Spokane's Cochran Basin; the largest stormwater basin in the City's urban stormwater system. Runoff within these project limits currently drains to the Spokane River without any treatment. This project will allow the City to design and construct a bioretention pond along North TJ Meenach Drive and at the Downriver Disc Golf Course to treat and manage approximately 30% of the Cochran basin stormwater runoff.

**Location**

City: Spokane

County: Spokane

Legislative District: 003

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000799

SubProject Title: Spokane city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	2,513,000				2,513,000
	<b>Total</b>	<b>2,513,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,513,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(2,513,000)				(2,513,000)
	<b>Total</b>	<b>(2,513,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(2,513,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000800

SubProject Title: Spokane County - Stormwater Utility

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will add Filterra Biofiltration units for stormwater treatment to 0.8 miles of high-traffic Mill Road. The project is located in a Critical Aquifer Recharge Area over the Spokane Valley-Rathdrum Prairie Aquifer which is designated a Sole Source Aquifer by the EPA. Stormwater is currently disposed via subsurface infiltration, creating potential for Aquifer contamination. The project also coincides with a funded Spokane County resurfacing project providing additional cost benefits.

**Location**

City: Spokane

County: Spokane

Legislative District: 003

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000800

SubProject Title: Spokane County - Stormwater Utility

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	656,000				656,000
	<b>Total</b>	<b>656,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>656,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(656,000)				(656,000)
	<b>Total</b>	<b>(656,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(656,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000801

SubProject Title: Kirkland city of - Public Works

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

The 132nd Square Park Retrofit Facility would provide water quality treatment, flow control and infiltration for approximately 48.5 acres of single-family residential and right-of-way area in the northeast corner of the Totem Lake Basin. This project will implement one of the two projects identified in the Totem Lake/Juanita Creek Basin Stormwater Retrofit Conceptual Design (Ecology Grant G1400024) which conducted planning and design work for capital and non-capital stormwater retrofit projects.

**Location**

City: Kirkland

County: King

Legislative District: 045

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000801

SubProject Title: Kirkland city of - Public Works

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	2,535,000				2,535,000
	<b>Total</b>	<b>2,535,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,535,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(2,535,000)				(2,535,000)
	<b>Total</b>	<b>(2,535,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(2,535,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000802

SubProject Title: Spokane Valley city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will install up to 7 grassy bio-infiltration swales, a cartridge media filtration system, and drywells along East Ponderosa Drive in Spokane Valley, WA. These stormwater treatment applications will treat up to 9 public discharges from City streets prior to being discharged to an unnamed tributary of Chester Creek.

**Location**

City: Unincorporated

County: King

Legislative District: 005

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000802

SubProject Title: Spokane Valley city of

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	538,000				538,000
	<b>Total</b>	<b>538,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>538,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(538,000)				(538,000)
	<b>Total</b>	<b>(538,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(538,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000868

SubProject Title: Spokane Valley city of

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000868

SubProject Title: Spokane Valley city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project installs catchbasins, pipe, and asphalt curbing, to direct stormwater into grassy bio-retention swales, where stormwater is treated prior to entering the Spokane Valley - Rathdrum Prairie Sole Source Aquifer, or the City of Spokane's Combined Sewer Overflow #34 which drains to the Spokane River.

**Location**

City: Unincorporated

County: Spokane

Legislative District: 004

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000868

SubProject Title: Spokane Valley city of

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	80,000				80,000
	<b>Total</b>	<b>80,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(80,000)				(80,000)
	<b>Total</b>	<b>(80,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(80,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000869

SubProject Title: Spokane County - Stormwater Utility

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000869

SubProject Title: Spokane County - Stormwater Utility

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will add bio-retention swales for water quality treatment of pollutant-generating impervious surfaces for a 0.4 mile road in an area of north Spokane where there is currently no stormwater treatment. This project is located in a Critical Aquifer Recharge Area over the Spokane Valley-Rathdrum Prairie Aquifer which is designated by the Environmental Protection Agency as a Sole Source Aquifer. Polluted stormwater is currently disposed of via direct injection into the subsurface.

**Location**

City: Spokane

County: Spokane

Legislative District: 006

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000869

SubProject Title: Spokane County - Stormwater Utility

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	350,000				350,000
	<b>Total</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(350,000)				(350,000)
	<b>Total</b>	<b>(350,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(350,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
174-1 Local Toxics Control-State	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000870

SubProject Title: College Place city of - Engineering Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project develops a local, policy-driven comprehensive stormwater infrastructure and program plan to include a funding mechanism for the City of College Place (City) that will comply with NPDES Phase II requirements while anticipating future growth .

**Location**

City: College Place

County: Walla Walla

Legislative District: 016

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000870

SubProject Title: College Place city of - Engineering Department

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	88,000				88,000
	<b>Total</b>	<b>88,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>88,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(88,000)				(88,000)
	<b>Total</b>	<b>(88,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(88,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000871

SubProject Title: Bremerton city of - Public Works and Utilities



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000871

SubProject Title: Bremerton city of - Public Works and Utilities

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Marine Drive & Kitsap Way LID retrofit designs were completed January 2015 with 100% Ecology funding and review. Bremerton will retrofit the stormwater system with 4 Modular Wetland Systems (MWS, GULD approved 4/2014) and a 250' Infiltration Trench (BMP T7.20) to reduce runoff quantity. MWS will provide enhanced and phosphorus treatment of runoff from 34 acres: 1.34 miles of urban roads and 17.4 acres of impervious surface. Final design, SEPA, bid specs, and permits are included in the project.

**Location**

City: Bremerton

County: Kitsap

Legislative District: 026

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000871

SubProject Title: Bremerton city of - Public Works and Utilities

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	499,000				499,000
	<b>Total</b>	<b>499,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>499,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(499,000)				(499,000)
	<b>Total</b>	<b>(499,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(499,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000872

SubProject Title: Whatcom County - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will construct low impact development (LID) stormwater treatment facilities to remove phosphorus and bacteria in runoff draining to Lake Whatcom from 245 acres in the Agate Bay sub-watershed. Several different methods of treatment and infiltration will be implemented to reduce phosphorus loading and other pollutant loading to Lake Whatcom. Runoff that is not infiltrated will be treated in filter systems at key locations.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000872

SubProject Title: Whatcom County - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	997,000				997,000
	<b>Total</b>	<b>997,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>997,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(997,000)				(997,000)
	<b>Total</b>	<b>(997,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(997,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000873

SubProject Title: Spokane city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Pacific and Perry Infiltration Facility will treat and infiltrate stormwater from CSO Basin 33c as well as stormwater from the adjacent combined sewer basins. The project will also include piping connections to convey stormwater runoff from CSO Basin 33c to the infiltration facility.

**Location**

City: Spokane

County: Spokane

Legislative District: 003

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000873

SubProject Title: Spokane city of

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,193,000				1,193,000
	<b>Total</b>	<b>1,193,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,193,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(1,193,000)				(1,193,000)
	<b>Total</b>	<b>(1,193,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,193,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000874

SubProject Title: Spokane city of

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000874

SubProject Title: Spokane city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project proposes stormwater improvements to the City of Spokane's Union Basin that will prevent stormwater from discharging to the Spokane River. The Basin currently collects runoff into a municipal separated storm sewer system (MS4), discharging directly to the Spokane River without treatment.

**Location**

City: Spokane

County: Spokane

Legislative District: 003

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000874

SubProject Title: Spokane city of

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	893,000				893,000
	<b>Total</b>	<b>893,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>893,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(893,000)				(893,000)
	<b>Total</b>	<b>(893,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(893,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000875

SubProject Title: Redmond city of - Public Works Department



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000875

SubProject Title: Redmond city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Tosh Creek is identified in Redmond's Watershed Management Plan as a creek that will experience the greatest ecological lift from stormwater retrofits. The National Estuary Program funded the Tosh Creek Restoration Plan which identified the Prescott Vault Retrofit as a cost effective retrofit to stabilize erosive flows and improve water quality in the creek. This project will design the retrofit of about 2 acres of development with flow control and runoff treatment.

**Location**

City: Redmond

County: King

Legislative District: 048

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000875

SubProject Title: Redmond city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(250,000)				(250,000)
	<b>Total</b>	<b>(250,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(250,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000876

SubProject Title: Lynden city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will reduce or eliminate storm water discharges and improve water quality in Fishtrap Creek by designing LID based stormwater practices at the Northwest Washington Fair in the City of Lynden. In addition, covered livestock waste storage will be constructed preventing runoff from animals using the Fairgrounds each year. It also will include a robust outreach and education program targeting City residents and the more than 300,000 annual visitors to events at the fairgrounds.

**Location**

City: Lynden

County: Whatcom

Legislative District: 042

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000876

SubProject Title: Lynden city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	110,000				110,000
	<b>Total</b>	<b>110,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>110,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(110,000)				(110,000)
	<b>Total</b>	<b>(110,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(110,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000877

SubProject Title: Medina city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

The City of Medina is planning to increase its street sweeping program to significantly reduce stormwater runoff pollution into Lake Washington. Studies from the City of Seattle and WorldSweeper.com have reported that more frequent sweeping significantly reduces the stormwater pollutant discharge to the nearby bodies of water.

**Location**

City: Medina

County: King

Legislative District: 048

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000877

SubProject Title: Medina city of

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	54,000				54,000
	<b>Total</b>	<b>54,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(54,000)				(54,000)
	<b>Total</b>	<b>(54,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(54,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000878

SubProject Title: Ferndale city of

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000878

SubProject Title: Ferndale city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project includes the design of an expanded and covered stormwater decant for the City of Ferndale. The existing decant area consists of an uncovered 45 foot by 45 foot asphalt slab. A larger, covered facility will enable the City to better manage materials generated from cleaning stormwater structures and street sweeping, which will reduce overall pollutant loading in the City of Ferndale.

**Location**

City: Ferndale

County: Whatcom

Legislative District: 042

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000878

SubProject Title: Ferndale city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	21,000				21,000
	<b>Total</b>	<b>21,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(21,000)				(21,000)
	<b>Total</b>	<b>(21,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(21,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000879

SubProject Title: Seattle port of - Seaport Environmental Program

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

The Port of Seattle Shilshole Bay Marina property was analyzed for opportunities to incorporate low impact development (LID) retrofits. Three alternatives were developed that balanced overall impact, visibility for users, and maximized water quality benefits. The preferred alternative (A) focused on retrofitting the parking area north of the Marina Office building using linear bioretention, which retains parking stalls and minimizes conflicts with existing infrastructure.

**Location**

City: Seattle

County: King

Legislative District: 036

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000879

SubProject Title: Seattle port of - Seaport Environmental Program

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	114,000				114,000
	<b>Total</b>	<b>114,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>114,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(114,000)				(114,000)
	<b>Total</b>	<b>(114,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(114,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000880

SubProject Title: Walla Walla city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Design and construct stormwater facilities to treat and infiltrate stormwater runoff along Isaacs Avenue. This project will improve water quality in Mill Creek and the Walla Walla River by effectively eliminating stormwater discharges to the existing piped storm system that currently discharge directly to Mill Creek and eliminating areas of necessary pavement. This will reduce levels of total suspended solids, hydrocarbons, metals, fertilizer, pesticides and fecal coliform in Mill Creek.

**Location**

City: Walla Walla

County: Walla Walla

Legislative District: 016

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000880

SubProject Title: Walla Walla city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,196,000				1,196,000
	<b>Total</b>	<b>1,196,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,196,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(1,196,000)				(1,196,000)
	<b>Total</b>	<b>(1,196,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,196,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000881

SubProject Title: Wenatchee city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

The Peachey Street basin, also known as the M200 basin, is 817 acres of highly urbanized residential, commercial and industrial area in South Wenatchee. The stormwater system in this basin consists of inlets and storm mains that discharge directly to the Columbia River through the Peachey Street Outfall. Hydrodynamic separators, media filter cartridges and dry wells will add water quality treatment at three locations in the basin and at the outfall to remove suspended solids and metals.

**Location**

City: Wenatchee

County: Chelan

Legislative District: 012

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000881

SubProject Title: Wenatchee city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	746,000				746,000
	<b>Total</b>	<b>746,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>746,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(746,000)				(746,000)
	<b>Total</b>	<b>(746,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(746,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000882

SubProject Title: Redmond city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Tosh Creek is identified in Redmond's Watershed Management Plan as a creek that will experience the greatest ecological lift from stormwater retrofits. The National Estuary Program funded the Tosh Creek Restoration Plan which identified the Onyx Pond Retrofit as a cost effective retrofit to stabilize erosive flows and improve water quality in the creek. This project will design the retrofit of 6 acres of development with flow control and runoff treatment.

**Location**

City: Redmond

County: King

Legislative District: 048

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000882

SubProject Title: Redmond city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(250,000)				(250,000)
	<b>Total</b>	<b>(250,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(250,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000883

SubProject Title: Redmond city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

The Sammamish River runs through the heart of Redmond, and has been impacted by the effects of urbanization. This project will improve water quality for flows from the NE 90th Street Basin that discharge into the Sammamish River. This will be accomplished by: addressing a severe erosion/sedimentation problem, eliminating the infiltration of untreated stormwater adjacent to the river, and improving the function of water quality ponds that treat existing developed areas.

**Location**

City: Redmond

County: King

Legislative District: 048

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000883

SubProject Title: Redmond city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(250,000)				(250,000)
	<b>Total</b>	<b>(250,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(250,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
174-1 Local Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000884

SubProject Title: Walla Walla city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Design and construct stormwater facilities to treat and infiltrate stormwater runoff along Park Street. This project will improve water quality in Mill Creek, Garrison Creek and the Walla Walla River by substantially reducing stormwater discharges to the existing piped storm system that currently discharge directly to these waterways. This will reduce levels of total suspended solids, hydrocarbons, metals, fertilizer, pesticides and fecal coliform.

**Location**

City: Walla Walla

County: Walla Walla

Legislative District: 016

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000884

SubProject Title: Walla Walla city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	217,000				217,000
	<b>Total</b>	<b>217,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>217,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(217,000)				(217,000)
	<b>Total</b>	<b>(217,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(217,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
174-1 Local Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000885

SubProject Title: San Juan County - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Installation of treatment facilities for stormwater that is currently discharged without treatment from the Village of Eastsound on Orcas Island. Market St is served by a private system connected to San Juan County's public system on Prune Alley. The County will install wetland treatment systems to serve Market St, Madrona St, and adjoining businesses and assume ownership and maintenance of the system. Implementation will result in improved treatment for a five acre area of Eastsound.

**Location**

City: Friday Harbor

County: San Juan

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000885

SubProject Title: San Juan County - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	312,000				312,000
	<b>Total</b>	<b>312,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>312,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(312,000)				(312,000)
	<b>Total</b>	<b>(312,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(312,000)</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000886

SubProject Title: Partial funding for Grant Management oversight

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Ecology currently manages and provides engineering and technical oversight for approximately 212 active design/construction stormwater improvement projects from previous appropriations.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000886

SubProject Title: Partial funding for Grant Management oversight

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,156,000				1,156,000
	<b>Total</b>	<b>1,156,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,156,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(1,156,000)				(1,156,000)
	<b>Total</b>	<b>(1,156,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,156,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000887

SubProject Title: Vancouver city of



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000887

SubProject Title: Vancouver city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This Lower Grand Industrial Area retrofit results in direct water quality benefits for waters of the State. Runoff in this area currently drains to drywells that have been shown to be in groundwater. During rain events these drywells become overwhelmed, overflowing polluted runoff to the Columbia River. Grant funds will be used to complete the design, develop final cost estimates, prepare SEPA & Cultural Assessments, and construct improvements.

**Location**

City: Vancouver

County: Clark

Legislative District: 049

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000887

SubProject Title: Vancouver city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,073,000				1,073,000
	<b>Total</b>	<b>1,073,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,073,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(1,073,000)				(1,073,000)
	<b>Total</b>	<b>(1,073,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,073,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000888

SubProject Title: King County - Water and Land Resources Division

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project, located in the May Creek Tributary 291A basin, will prepare 90% design plans to retrofit a regional detention facility to improve flow control and treatment of runoff from developed land that has no stormwater controls. The facility occupies a historic wetland, portions of which have been filled in by adjacent property owners. The plans would restore these portions of filled wetland, which will increase the facility's detention storage and improve water quality treatment.

**Location**

City: Seattle

County: King

Legislative District: 037

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000888

SubProject Title: King County - Water and Land Resources Division

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	209,000				209,000
	<b>Total</b>	<b>209,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>209,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(209,000)				(209,000)
	<b>Total</b>	<b>(209,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(209,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
174-1 Local Toxics Control-State	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000889

SubProject Title: Bellingham city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will improve water quality in Squilicum Creek and Bellingham Bay. The project is to provide a water quality retrofit for a portion of old US 99 presently called Maplewood Avenue. This roadway currently has no water quality or quantity facilities associated with it. The proposal is to provide treatment and infiltration of the runoff from this roadway through the use of pervious pavement.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 042

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000889

SubProject Title: Bellingham city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	967,000				967,000
	<b>Total</b>	<b>967,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>967,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(967,000)				(967,000)
	<b>Total</b>	<b>(967,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(967,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000890

SubProject Title: Union Gap city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will reduce untreated stormwater discharges directed to Spring Creek and Wide Hollow Creek and ultimately to the Yakima River by intercepting and redirecting storm drainage for storage and treatment.

**Location**

City: Union Gap

County: Yakima

Legislative District: 015

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000890

SubProject Title: Union Gap city of

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	219,000				219,000
	<b>Total</b>	<b>219,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>219,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(219,000)				(219,000)
	<b>Total</b>	<b>(219,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(219,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000891

SubProject Title: Puyallup city of - Public Works



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000891

SubProject Title: Puyallup city of - Public Works

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Puyallup's Corporate Yards Decant Facility project will design and construct a decant facility for management of the City's Vactor truck and street sweeper waste. The facility will separate solid waste from liquids generated from cleaning the public storm system and streets before discharging the liquids to the public sewer system for final treatment. The project will protect water quality in the City's streams and the Puyallup River including TMDL-affected Clarks and Meeker creeks.

**Location**

City: Puyallup

County: Pierce

Legislative District: 025

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000891

SubProject Title: Puyallup city of - Public Works

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,012,000				1,012,000
	<b>Total</b>	<b>1,012,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,012,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(1,012,000)				(1,012,000)
	<b>Total</b>	<b>(1,012,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,012,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000892

SubProject Title: King County - Facilities Management Division

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This stormwater LID retrofit project, located in downtown Burien, WA, includes replacing an existing impervious parking lot with permeable pavement, constructing new bioretention to treat on-site stormwater runoff, and converting an existing detention pond to a bioretention facility to treat off-site stormwater runoff diverted from SW 148th Street and 7th Avenue SW.

**Location**

City: Seattle

County: King

Legislative District: 034

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000892

SubProject Title: King County - Facilities Management Division

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,142,000				1,142,000
	<b>Total</b>	<b>1,142,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,142,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(1,142,000)				(1,142,000)
	<b>Total</b>	<b>(1,142,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,142,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000893

SubProject Title: King County - Water and Land Resources Division

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000893

SubProject Title: King County - Water and Land Resources Division

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will design a stormwater retrofit detention facility in unincorporated King County near 20651 NE 79th Street Redmond, WA. This project is in the Evans Creek Tributary 108 basin. This basin was substantially developed without adequate stormwater controls, which has degraded its stream health as documented by Benthic Index of Biotic Integrity monitoring. This project was identified by the Evans Creek Tributary 108 Basin-Wide Retrofit Siting project, Ecology Grant G1400026.

**Location**

City: Seattle

County: King

Legislative District: 037

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000893

SubProject Title: King County - Water and Land Resources Division

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	245,000				245,000
	<b>Total</b>	<b>245,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>245,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(245,000)				(245,000)
	<b>Total</b>	<b>(245,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(245,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
174-1 Local Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000894

SubProject Title: Burlington city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will provide for planning, permitting, and design of pervious concrete to replace gravel shoulders. By reducing impervious area and treating storm water through the soils cation exchange, water quality will improve (Gages Slough, Skagit River, Puget Sound). This is the second project in an effort to reduce the amount of City owned impervious gravel surfacing. The first project, designed using \$120K ecology grant will be constructed in 2016.

**Location**

City: Burlington

County: Skagit

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000894

SubProject Title: Burlington city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	199,000				199,000
	<b>Total</b>	<b>199,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>199,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(199,000)				(199,000)
	<b>Total</b>	<b>(199,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(199,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000895

SubProject Title: Renton city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Project drains to Johns Creek and ultimately to Lake Washington. Project will design and construct Green Streets Improvements including bioretention facilities, landscaping strip, vegetation planting, and porous concrete sidewalks. SEPA/NEPA review was completed in 2010. Project limits: NE 16th St (from Harrington Ave NE to Jefferson Ave NE); and Jefferson Ave NE (from NE 16th St to NE 12th St). Green streets will remove pollutants, reduce speed of runoff, and promote infiltration.

**Location**

City: Renton

County: King

Legislative District: 011

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000895

SubProject Title: Renton city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,631,000				1,631,000
	<b>Total</b>	<b>1,631,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,631,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(1,631,000)				(1,631,000)
	<b>Total</b>	<b>(1,631,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,631,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000896

SubProject Title: Granite Falls city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will improve water quality in Lake Gardner through the installation of water quality facilities including pervious pavement at Kentucky Ave., (between Stanley St. and Galena St.) and Union St. (between S. Indiana Ave. to S. Granite Ave.) in the city of Granite Falls. This project will provide treatment for Total Suspended Solids (TSS), dissolved copper, dissolved zinc and total phosphorus and will also reduce flows to Lake Gardner by infiltrating stormwater runoff.

**Location**

City: Granite Falls

County: Snohomish

Legislative District: 039

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000896

SubProject Title: Granite Falls city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	410,000				410,000
	<b>Total</b>	<b>410,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>410,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(410,000)				(410,000)
	<b>Total</b>	<b>(410,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(410,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
174-1 Local Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000897

SubProject Title: Wenatchee city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Chelan County, Douglas County, Wenatchee and East Wenatchee are proposing a collaborative education and outreach effort to standardize information provided to homeowners and real estate agents about managing water quality facilities and develop a training program for these two target audiences. The purpose of this project is to go beyond the requirements of the Eastern WA Phase II Municipal Permit to improve management of private water quality facilities and protect local water bodies.

**Location**

City: Wenatchee

County: Chelan

Legislative District: 012

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000897

SubProject Title: Wenatchee city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	37,000				37,000
	<b>Total</b>	<b>37,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(37,000)				(37,000)
	<b>Total</b>	<b>(37,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(37,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000898

SubProject Title: Asotin County - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

The Asotin County Regional Stormwater Program is applying for funds to purchase a new high efficiency sweeper. The purchase would help remove more total suspended solids and improve water quality in Asotin Creek and the Snake River. The purchase of a new high efficiency sweeper will allow the Asotin County Regional Stormwater Program to improve its sweeping in the City of Clarkston, City of Asotin, and Asotin County.

**Location**

City: Asotin

County: Asotin

Legislative District: 009

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000898

SubProject Title: Asotin County - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	257,000				257,000
	<b>Total</b>	<b>257,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>257,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(257,000)				(257,000)
	<b>Total</b>	<b>(257,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(257,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
174-1 Local Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000899

SubProject Title: Friday Harbor town of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Construction of a waterfront vault containing cartridge filters to clean storm water that drains from the Friday Harbor urban environment. Due to the Town's age, there is very limited treatment of storm water before it reaches the harbor. The vault is designed to filter 100% of the "first flush" of rainwater entering the storm sewer system. Testing demonstrated higher levels of turbidity, surfactants (detergents), and total suspended solids during rain events that follow prolonged dry weather.

**Location**

City: Friday Harbor

County: San Juan

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000899

SubProject Title: Friday Harbor town of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	774,000				774,000
	<b>Total</b>	<b>774,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>774,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(774,000)				(774,000)
	<b>Total</b>	<b>(774,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(774,000)</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		174-1	Local Toxics Control-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000900

SubProject Title: Soap Lake city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will include the purchase of a street sweeper and evaluation and implementation of a street sweeping plan. The street sweeping plan will identify critical areas with the greatest possibility of transferring pollutants into Soap Lake, identify areas most benefited by street sweeping, establish a suitable street sweeping schedule, and outline a plan to verify success of the street sweeping program by measuring and properly disposing of removed pollutants.

**Location**

City: Soap Lake

County: Grant

Legislative District: 012

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000900

SubProject Title: Soap Lake city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	161,000				161,000
	<b>Total</b>	<b>161,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>161,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(161,000)				(161,000)
	<b>Total</b>	<b>(161,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(161,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000901

SubProject Title: Bremerton city of - Public Works and Utilities

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Phase II of East 11th Street stormwater retrofit will design a stormwater treatment and pervious sidewalk system to address the Puget Sound Action Agenda Strategic Initiative to prevent pollution from urban stormwater runoff (Strategy 10.3: Fix problems caused by existing development). The design will include geotechnical work to evaluate infiltration potential and selection of appropriate treatment and infiltration systems to reduce pollution from a built urban environment.

**Location**

City: Bremerton

County: Kitsap

Legislative District: 023

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000901

SubProject Title: Bremerton city of - Public Works and Utilities

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	75,000				75,000
	<b>Total</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(75,000)				(75,000)
	<b>Total</b>	<b>(75,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(75,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000902

SubProject Title: Sumner city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project proposes to upgrade several facets of the existing Sumner Decant Facility located at the Sumner Wastewater Treatment Facility (WWTF). Specifically, this project will provide additional capacity, more efficient separation of solids and liquids and create a completely covered area with temporary storage of solid waste materials. Processed waste water will continue to be treated through the WWTF which discharges to the White (Stuck) River.

**Location**

City: Sumner

County: Pierce

Legislative District: 031

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000902

SubProject Title: Sumner city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	375,000				375,000
	<b>Total</b>	<b>375,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(375,000)				(375,000)
	<b>Total</b>	<b>(375,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(375,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000903

SubProject Title: Renton city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

The project will retrofit approximately 1.5-acre of pollution generating impervious area (roadway) along Duvall Ave NE between NE 10th St and NE 12th St in order to provide enhanced basic water quality and oil treatment prior to discharge to May Creek and to Lake Washington. The project will also replace a paved shoulder with a planter strip and pervious sidewalk. May Creek is a water body included in the 303 (d) list for dissolved oxygen, ammonia-N, Mercury, bacteria, pH and temperature.

**Location**

City: Renton

County: King

Legislative District: 011

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000903

SubProject Title: Renton city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,224,000				1,224,000
	<b>Total</b>	<b>1,224,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,224,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(1,224,000)				(1,224,000)
	<b>Total</b>	<b>(1,224,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,224,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000904

SubProject Title: Selah city of - Public Works

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

The proposed project reduces illicit discharges to the Taylor Ditch drainage system by providing pretreatment and disposal of the Water Quality Storm Event from two large drainage basins.

**Location**

City: Selah

County: Yakima

Legislative District: 015

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000904

SubProject Title: Selah city of - Public Works

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	218,000				218,000
	<b>Total</b>	<b>218,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>218,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(218,000)				(218,000)
	<b>Total</b>	<b>(218,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(218,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000905

SubProject Title: Sequim city of - Public Works Department

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000905

SubProject Title: Sequim city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

Sequim proposes to address problems with bacteria and other water quality issues in its favorite stream, Bell Creek, and protect drinking water from contamination entering the shallow aquifer via many infiltration systems along city streets. To accomplish this, the City proposes to remove a direct stormwater discharge entering Bell Creek, add treatment to an existing infiltration facility, and start an inspection program that would ensure all drainage facilities are maintained properly.

**Location**

City: Sequim

County: Clallam

Legislative District: 024

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000905

SubProject Title: Sequim city of - Public Works Department

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	254,000				254,000
	<b>Total</b>	<b>254,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>254,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(254,000)				(254,000)
	<b>Total</b>	<b>(254,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(254,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000906

SubProject Title: Renton city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

The project will retrofit a City owned detention pond in the Heather Downs Development at the intersection of Union Ave SE and SE 4th St to provide basic water quality treatment for a drainage basin of approximately 30 acres prior to discharge to Maplewood Creek which is a tributary of the Cedar River. Basic water quality treatment will be achieved by converting the existing detention pond into a combined detention and two-cell wetpond.

**Location**

City: Renton

County: King

Legislative District: 011

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000906

SubProject Title: Renton city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	93,000				93,000
	<b>Total</b>	<b>93,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>93,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(93,000)				(93,000)
	<b>Total</b>	<b>(93,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(93,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
174-1 Local Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000907

SubProject Title: Marysville city of - Public Works Department

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This Project will identify stormwater treatment alternatives and then provide for the design and associated permitting of an approved stormwater treatment facility. The design would potentially utilize City property to treat portions of an existing 480 acre stormwater basin that currently discharges to a 303(d) listed waterway with no formal treatment.

**Location**

City: Marysville

County: Snohomish

Legislative District: 038

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000907

SubProject Title: Marysville city of - Public Works Department

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	(250,000)				(250,000)
	<b>Total</b>	<b>(250,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(250,000)</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000908

SubProject Title: Issaquah city of

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000908

SubProject Title: Issaquah city of

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 4

**Project Summary**

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The enacted 2016 Supplemental Capital Budget reduced this project by \$21.8 million to address the Model Toxics Control Act (MTCA) revenue shortfall, leaving \$31.2 million Local Toxics Control Account (LTCA) for new stormwater grants. Ecology has awarded \$4.7 million in grants, and \$26.5 million was assumed to be spent in the 2017-19 Biennium per the enacted budget. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed in 2017-19 due to the MTCA revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$31.2 million in total reappropriation for this project in 2017-19 (based on expenditures through July 2016). Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$26.5 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to complete. Providing backfill funding will continue important stormwater work and keep it in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda implementation. (State Building Construction Account and Local Toxics Control Account)

**Project Description**

This project will develop a Watershed-Scale Stormwater Plan to address stormwater runoff impacts and ecosystem degradation within the City of Issaquah. This planning effort is intended to identify stormwater-related issues affecting the watershed health and degraded water quality and habitat conditions, and how stormwater management actions can achieve long-term ecosystem recovery in city streams, including how best to mitigate stormwater impacts from past development.

**Location**

City: Issaquah

County: King

Legislative District: 005

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 12:06PM

Project Number: 30000535

Project Title: Stormwater Financial Assistance Program

**SubProjects**

SubProject Number: 30000908

SubProject Title: Issaquah city of

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	187,000				187,000
	<b>Total</b>	<b>187,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>187,000</b>

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	(187,000)				(187,000)
	<b>Total</b>	<b>(187,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(187,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
174-1 Local Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	461	<b>Agency Name</b>	Department of Ecology
<b>Contact Name:</b>	Kimberly Wagar		
<b>Phone:</b>	360-407-6614	<b>Fax:</b>	360-407-6426
<b>Fund(s) Number:</b>	057	<b>Fund Name:</b>	State Building Construction Account
<b>Project Number:</b>	30000535	<b>Project Title:</b>	Stormwater Financial Assistance

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Water Quality Program**  
**Stormwater Financial Assistance Project #30000535**  
31-Aug-16

Purpose: Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. This list provides project details included in Water Quality Program's Stormwater Financial Assistance Project (30000535). The rank reflects the original rank on the 2017 Water Quality Offer List (which includes projects/funding from other sources).

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
28	Marysville city of - Public Works Department	\$505,511	This project will improve water quality in the Allen/Quilceda Creek watershed by enabling the City to purchase, operate and maintain a high efficiency/regenerative air sweeper. This project will add additional capacity to the City's street sweeping program by increasing the volume of sediment and other pollutants removed from city streets over the next four years. This will increase the volume of material removed from Marysville streets by an estimated 33-55%, or 763 cubic yards per year.	80 Columbia Ave.	Marysville	SNOHOMISH	38	48.04631	-122.17417
30	Spokane city of	\$2,512,500	This project proposes to construct infiltration ponds for the City of Spokane's Cochrane Basin; the largest stormwater basin in the City's urban stormwater system. Runoff within these project limits currently drains to the Spokane River without any treatment. This project will allow the City to design and construct a bioretention pond along North TJ Meenach Drive and at the Downriver Disc Golf Course to treat and manage approximately 30% of the Cochrane basin stormwater runoff.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.68235	-117.447413
34	Spokane County - Stormwater Utility	\$655,518	This project will add Filterra Biofiltration units for stormwater treatment to 0.8 miles of high-traffic Mill Road. The project is located in a Critical Aquifer Recharge Area over the Spokane Valley-Rathdrum Prairie Aquifer which is designated a Sole Source Aquifer by the EPA. Stormwater is currently disposed via subsurface infiltration, creating potential for Aquifer contamination. The project also coincides with a funded Spokane County resurfacing project providing additional cost benefits.	1026 W Broadway	Spokane	SPOKANE	3	47.77199	-117.419573
36	Kirkland city of - Public Works	\$2,594,590	The 132nd Square Park Retrofit Facility would provide water quality treatment, flow control and infiltration for approximately 48.5 acres of single-family residential and right-of-way area in the northeast corner of the Totem Lake Basin. This project will implement one of the two projects identified in the Totem Lake/Juamita Creek Basin Stormwater Retrofit Conceptual Design (Ecology Grant G1400024) which conducted planning and design work for capital and non-capital stormwater retrofit projects.	123 5th Ave	Kirkland	KING	45	47.7174	-122.1649
37	Spokane Valley city of	\$537,750	This project will install up to 7 grassy bio-infiltration swales, a cartridge media filtration system, and drywells along East Ponderosa Drive in Spokane Valley, WA. These stormwater treatment applications will treat up to 9 public discharges from City streets prior to being discharged to an unnamed tributary of Chester Creek.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	5	47.6036	-117.257227
39	Spokane Valley city of	\$80,025	This project installs catchbasins, pipe, and asphalt curbing, to direct stormwater into grassy bio-retention swales, where stormwater is treated prior to entering the Spokane Valley - Rathdrum Prairie Sole Source Aquifer, or the City of Spokane's Combined Sewer Overflow #34 which drains to the Spokane River.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	5	47.6448	-117.3468
42	Spokane County - Stormwater Utility	\$350,021	This project will add bio-retention swales for water quality treatment of pollutant-generating impervious surfaces for a 0.4 mile road in an area of north Spokane where there is currently no stormwater treatment. This project is located in a Critical Aquifer Recharge Area over the Spokane Valley-Rathdrum Prairie Aquifer which is designated by the Environmental Protection Agency as a Sole Source Aquifer. Polluted stormwater is currently disposed of via direct injection into the subsurface.	1026 W Broadway	Spokane	SPOKANE	7	47.76654	-117.420924
45	College Place city of - Engineering Department	\$88,282	This project develops a local, policy-driven comprehensive stormwater infrastructure and program plan to include a funding mechanism for the City of College Place (City) that will comply with NPDES Phase II requirements while anticipating future growth.	625 S College Ave	College Place	WALLA WALLA	16	46.0457	-118.38854

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
52	Bremerton city of - Public Works and Utilities	\$498,560	Marine Drive & Kitsap Way LID retrofit designs were completed January 2015 with 100% Ecology funding and review. Bremerton will retrofit the stormwater system with 4 Modular Wetland Systems (MWS, GULD approved 4/2014) and a 250' Infiltration Trench (BMP T7.20) to reduce runoff quantity. MWS will provide enhanced and phosphorus treatment of runoff from 34 acres: 1.34 miles of urban roads and 17.4 acres of impervious surface. Final design, SEPA, bid specs, and permits are included in the project.	100 Oyster Bay Ave N	Bremerton	KITSAP	26	47.573	-122.667
58	Whatcom County - Public Works Department	\$997,097	This project will construct low impact development (LID) stormwater treatment facilities to remove phosphorus and bacteria in runoff draining to Lake Whatcom from 245 acres in the Agate Bay sub-watershed. Several different methods of treatment and infiltration will be implemented to reduce phosphorus loading and other pollutant loading to Lake Whatcom. Runoff that is not infiltrated will be treated in filter systems at key locations.	322 N. Commercial Street, Suite 220	Bellingham	WHATCOM	40	48.75954	-122.360985
59	Spokane city of	\$1,192,500	Pacific and Perry Infiltration Facility will treat and infiltrate stormwater from CSO Basin 33c as well as stormwater from the adjacent combined sewer basins. The project will also include piping connections to convey stormwater runoff from CSO Basin 33c to the infiltration facility.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.65578	-117.385722
60	Spokane city of	\$892,500	This project proposes stormwater improvements to the City of Spokane's Union Basin that will prevent stormwater from discharging to the Spokane River. The Basin currently collects runoff into a municipal separated storm sewer system (MS4), discharging directly to the Spokane River without treatment.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.66149	-117.39284
63	Redmond city of - Public Works Department	\$250,000	Tosh Creek is identified in Redmond's Watershed Management Plan as a creek that will experience the greatest ecological lift from stormwater retrofits. The National Estuary Program funded the Tosh Creek Restoration Plan which identified the Prescott Vault Retrofit as a cost effective retrofit to stabilize erosive flows and improve water quality in the creek. This project will design the retrofit of about 2 acres of development with flow control and runoff treatment.	PO Box 97020	Redmond	KING	48	47.6492	-122.12609
67	Lynden city of - Public Works Department	\$109,814	This project will reduce or eliminate storm water discharges and improve water quality in Fishtrap Creek by designing LID based stormwater practices at the Northwest Washington Fair in the City of Lynden. In addition, covered livestock waste storage will be constructed preventing runoff from animals using the Fairgrounds each year. It also will include a robust outreach and education program targeting City residents and the more than 300,000 annual visitors to events at the fairgrounds.	300 4th Street	Lynden	WHATCOM	42	48.93717	-122.476194
72	Medina city of	\$54,000	The City of Medina is planning to increase its street sweeping program to significantly reduce stormwater runoff pollution into Lake Washington. Studies from the City of Seattle and WorldSweeper.com have reported that more frequent sweeping significantly reduces the stormwater pollutant discharge to the nearby bodies of water.	PO Box 144	Medina	KING	48	47.61618	-122.238901
73	Ferndale city of	\$20,837	This project includes the design of an expanded and covered stormwater decant for the City of Ferndale. The existing decant area consists of an uncovered 45 foot by 45 foot asphalt slab. A larger, covered facility will enable the City to better manage materials generated from cleaning stormwater structures and street sweeping, which will reduce overall pollutant loading in the City of Ferndale.	PO Box 936	Ferndale	WHATCOM	42	48.83778	-122.596993
75	Seattle port of - Seaport Environmental Program	\$114,000	The Port of Seattle Shilshole Bay Marina property was analyzed for opportunities to incorporate low impact development (LID) retrofits. Three alternatives were developed that balanced overall impact, visibility for users, and maximized water quality benefits. The preferred alternative (A) focused on retrofitting the parking area north of the Marina Office building using linear bioretention, which retains parking stalls and minimizes conflicts with existing infrastructure.	PO Box 1209	Seattle	KING	36	47.68061	-122.404811

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
77	Walla Walla city of	\$1,196,425	Design and construct stormwater facilities to treat and infiltrate stormwater runoff along Isaacs Avenue. This project will improve water quality in Mill Creek and the Walla Walla River by effectively eliminating stormwater discharges to the existing piped storm system that currently discharge directly to Mill Creek and eliminating areas of necessary pavement. This will reduce levels of total suspended solids, hydrocarbons, metals, fertilizer, pesticides and fecal coliform in Mill Creek.	15 N Third Ave.	Walla Walla	WALLA WALLA	16	46.0742	-118.3199
78	Wenatchee city of	\$746,250	The Peachey Street basin, also known as the M200 basin, is 817 acres of highly urbanized residential, commercial and industrial area in South Wenatchee. The stormwater system in this basin consists of inlets and storm mains that discharge directly to the Columbia River through the Peachey Street Outfall. Hydrodynamic separators, media filter cartridges and dry wells will add water quality treatment at three locations in the basin and at the outfall to remove suspended solids and metals.	PO Box 519	Wenatchee	CHELAN	12	47.41595	-120.301175
79	Redmond city of - Public Works Department	\$250,000	Tosh Creek is identified in Redmond's Watershed Management Plan as a creek that will experience the greatest ecological lift from stormwater retrofits. The National Estuary Program funded the Tosh Creek Restoration Plan which identified the Onyx Pond Retrofit as a cost effective retrofit to stabilize erosive flows and improve water quality in the creek. This project will design the retrofit of 6 acres of development with flow control and runoff treatment.	PO Box 97020	Redmond	KING	48	47.65168	-122.12911
81	Redmond city of - Public Works Department	\$250,000	The Sammamish River runs through the heart of Redmond, and has been impacted by the effects of urbanization. This project will improve water quality for flows from the NE 90th Street Basin that discharge into the Sammamish River. This will be accomplished by: addressing a severe erosion/sedimentation problem, eliminating the infiltration of untreated stormwater adjacent to the river, and improving the function of water quality ponds that treat existing developed areas.	PO Box 97020	Redmond	KING	48	47.68203	-122.13216
82	Walla Walla city of	\$216,540	Design and construct stormwater facilities to treat and infiltrate stormwater runoff along Park Street. This project will improve water quality in Mill Creek, Garrison Creek and the Walla Walla River by substantially reducing stormwater discharges to the existing piped storm system that currently discharge directly to these waterways. This will reduce levels of total suspended solids, hydrocarbons, metals, fertilizer, pesticides and fecal coliform.	15 N Third Ave.	Walla Walla	WALLA WALLA	16	46.0611	-118.3253
84	San Juan County - Public Works Department	\$312,450	Installation of treatment facilities for stormwater that is currently discharged without treatment from the Village of Eastsound on Orcas Island. Market St is served by a private system connected to San Juan County's public system on Prune Alley. The County will install wetland treatment systems to serve Market St, Madrona St, and adjoining businesses and assume ownership and maintenance of the system. Implementation will result in improved treatment for a five acre area of Eastsound.	PO Box 729	Friday Harbor	SAN JUAN	40	48.695	-122.904
86	Partial funding for Grant Management oversight	\$1,156,427	Ecology currently manages and provides engineering and technical oversight for approximately 212 active design/construction stormwater improvement projects from previous appropriations.	#N/A	#N/A	Statewide	All	#N/A	#N/A
86	Vancouver city of	\$1,072,500	This Lower Grand Industrial Area retrofit results in direct water quality benefits for waters of the State. Runoff in this area currently drains to drywells that have been shown to be in groundwater. During rain events these drywells become overwhelmed, overflowing polluted runoff to the Columbia River. Grant funds will be used to complete the design, develop final cost estimates, prepare SEPA & Cultural Assessments, and construct improvements.	PO Box 1995	Vancouver	CLARK	49	45.621	-122.645681
88	King County - Water and Land Resources Division	\$209,444	This project, located in the May Creek Tributary 291A basin, will prepare 90% design plans to retrofit a regional detention facility to improve flow control and treatment of runoff from developed land that has no stormwater controls. The facility occupies a historic wetland, portions of which have been filled in by adjacent property owners. The plans would restore these portions of filled wetland, which will increase the facility's detention storage and improve water quality treatment.	201 South Jackson Street, Suite 600	Seattle	KING	5	47.48756	-122.120952



Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
89	Bellingham city of - Public Works Department	\$986,779	This project will improve water quality in Squilicum Creek and Bellingham Bay. The project is to provide a water quality retrofit for a portion of old US 99 presently called Maplewood Avenue. This roadway currently has no water quality or quantity facilities associated with it. The proposal is to provide treatment and infiltration of the runoff from this roadway through the use of pervious pavement.	2221 Pacific Street	Bellingham	WHATCOM	42	48.78072	-122.508358
92	Union Gap city of	\$219,300	This project will reduce untreated stormwater discharges directed to Spring Creek and Wide Hollow Creek and ultimately to the Yakima River by intercepting and redirecting storm drainage for storage and treatment.	PO Box 3008	Union Gap	YAKIMA	15	46.54349	-12.477183
93	Puyallup city of - Public Works	\$1,012,042	Puyallup's Corporate Yards Decant Facility project will design and construct a decant facility for management of the City's Vector truck and street sweeper waste. The facility will separate solid waste from liquids generated from cleaning the public storm system and streets before discharging the liquids to the public sewer system for final treatment. The project will protect water quality in the City's streams and the Puyallup River including TMDL-affected Clarks and Meeker creeks.	333 S Meridian	Puyallup	PIERCE	25	47.15286	-122.27971
95	King County - Facilities Management Division	\$1,142,018	This stormwater LID retrofit project, located in downtown Burien, WA, includes replacing an existing impervious parking lot with permeable pavement, constructing new bioretention to treat on-site stormwater runoff, and converting an existing detention pond to a bioretention facility to treat off-site stormwater runoff diverted from SW 148th Street and 7th Avenue SW.	500 4th Ave South, Ste 800	Seattle	KING	34	47.469	-122.342
97	King County - Water and Land Resources Division	\$244,748	This project will design a stormwater retrofit detention facility in unincorporated King County near 20651 NE 79th Street Redmond, WA. This project is in the Evans Creek Tributary 108 basin. This basin was substantially developed without adequate stormwater controls, which has degraded its stream health as documented by Benthic Index of Biotic Integrity monitoring. This project was identified by the Evans Creek Tributary 108 Basin-Wide Retrofit Siting project, Ecology Grant G1400026.	201 South Jackson Street, Suite 600	Seattle	KING	45	47.67453	-122.065216
99	Burlington city of	\$199,351	This project will provide for planning, permitting, and design of pervious concrete to replace gravel shoulders. By reducing impervious area and treating storm water through the soils cation exchange, water quality will improve (Gages Slough, Skagit River, Puget Sound). This is the second project in an effort to reduce the amount of City owned impervious gravel surfacing. The first project, designed using \$120K ecology grant will be constructed in 2016.	833 South Spruce Street	Burlington	SKAGIT	40	48.47482	-122.330227
100	Renton city of	\$1,631,250	Project drains to Johns Creek and ultimately to Lake Washington. Project will design and construct Green Streets improvements including bioretention facilities, landscaping strip, vegetation planting, and porous concrete sidewalks. SEPA/NEPA review was completed in 2010. Project limits: NE 16th St (from Harrington Ave NE to Jefferson Ave NE); and Jefferson Ave NE (from NE 16th St to NE 12th St). Green streets will remove pollutants, reduce speed of runoff, and promote infiltration.	Renton City Hall, 5th Floor, 1055 South Grady Way	Renton	KING	11	47.50689	-122.179811
101	Granite Falls city of	\$410,250	This project will improve water quality in Lake Gardner through the installation of water quality facilities including pervious pavement at Kentucky Ave., (between Stanley St. and Galena St.) and Union St. (between S. Indiana Ave. to S. Granite Ave.) in the city of Granite Falls. This project will provide treatment for Total Suspended Solids (TSS), dissolved copper, dissolved zinc and total phosphorus and will also reduce flows to Lake Gardner by infiltrating stormwater runoff.	PO Box 1440	Granite Falls	SNOHOMISH	39	48.08111	-121.966648
103	Wenatchee city of	\$37,500	Chelan County, Douglas County, Wenatchee and East Wenatchee are proposing a collaborative education and outreach effort to standardize information provided to homeowners and real estate agents about managing water quality facilities and develop a training program for these two target audiences. The purpose of this project is to go beyond the requirements of the Eastern WA Phase II Municipal Permit to improve management of private water quality facilities and protect local water bodies.	PO Box 519	Wenatchee	CHELAN	12	47.44505	-120.315056

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
105	Asotin County - Public Works Department	\$257,125	The Asotin County Regional Stormwater Program is applying for funds to purchase a new high efficiency sweeper. The purchase would help remove more total suspended solids and improve water quality in Asotin Creek and the Snake River. The purchase of a new high efficiency sweeper will allow the Asotin County Regional Stormwater Program to improve its sweeping in the City of Clarkston, City of Asotin, and Asotin County.	PO BOX 160	Asotin	ASOTIN	9	46.335	-117.061874
106	Friday Harbor town of	\$773,935	Construction of a waterfront vault containing cartridge filters to clean storm water that drains from the Friday Harbor urban environment. Due to the Town's age, there is very limited treatment of storm water before it reaches the harbor. The vault is designed to filter 100% of the "first flush" of rainwater entering the storm sewer system. Testing demonstrated higher levels of turbidity, surfactants (detergents), and total suspended solids during rain events that follow prolonged dry weather.	PO Box 219	Friday Harbor	SAN JUAN	40	48.53	-123.03
107	Soap Lake city of	\$161,500	This project will include the purchase of a street sweeper and evaluation and implementation of a street sweeping plan. The street sweeping plan will identify critical areas with the greatest possibility of transferring pollutants into Soap Lake, identify areas most benefited by street sweeping, establish a suitable street sweeping schedule, and outline a plan to verify success of the street sweeping program by measuring and properly disposing of removed pollutants.	PO Box 1270	Soap Lake	GRANT	12	47.39	-119.49
108	Bremerton city of - Public Works and Utilities	\$75,000	Phase II of East 11th Street stormwater retrofit will design a stormwater treatment and pervious sidewalk system to address the Puget Sound Action Agenda Strategic initiative to prevent pollution from urban stormwater runoff (Strategy 10.3: Fix problems caused by existing development). The design will include geotechnical work to evaluate infiltration potential and selection of appropriate treatment and infiltration systems to reduce pollution from a built urban environment.	100 Oyster Bay Ave N	Bremerton	KITSAP	23	47.5703	-122.6152
109	Sumner city of	\$375,000	This project proposes to upgrade several facets of the existing Sumner Decant Facility located at the Sumner Wastewater Treatment Facility (WWTF). Specifically, this project will provide additional capacity, more efficient separation of solids and liquids and create a completely covered area with temporary storage of solid waste materials. Processed waste water will continue to be treated through the WWTF which discharges to the White (Stuck) River.	1104 Maple St	Sumner	PIERCE	31	47.19892	-122.25245
110	Renton city of	\$1,223,939	The project will retrofit approximately 1.5-acre of pollution generating impervious area (roadway) along Duvall Ave NE between NE 10th St and NE 12th St in order to provide enhanced basic water quality and oil treatment prior to discharge to May Creek and to Lake Washington. The project will also replace a paved shoulder with a planter strip and pervious sidewalk. May Creek is a water body included in the 303 (d) list for dissolved oxygen, ammonia-N, Mercury, bacteria, pH and temperature.	Renton City Hall, 5th Floor, 1055 South Grady Way	Renton	KING	11	47.5012	-122.1566
113	Selah city of - Public Works	\$218,378	The proposed project reduces illicit discharges to the Taylor Ditch drainage system by providing pretreatment and disposal of the Water Quality Storm Event from two large drainage basins.	222 S Rushmore Rd	Selah	YAKIMA	15	46.65172	-120.520647
115	Sequim city of - Public Works Department	\$254,338	Sequim proposes to address problems with bacteria and other water quality issues in its favorite stream, Bell Creek, and protect drinking water from contamination entering the shallow aquifer via many infiltration systems along city streets. To accomplish this, the City proposes to remove a direct stormwater discharge entering Bell Creek, add treatment to an existing infiltration facility, and start an inspection program that would ensure all drainage facilities are maintained properly.	152 W. Cedar Street	Sequim	CLALLAM	24	48.07964	-123.102333
116	Renton city of	\$93,000	The project will retrofit a City owned detention pond in the Heather Downs Development at the intersection of Union Ave SE and SE 4th St to provide basic water quality treatment for a drainage basin of approximately 30 acres prior to discharge to Maplewood Creek which is a tributary of the Cedar River. Basic water quality treatment will be achieved by converting the existing detention pond into a combined detention and two-cell wetpond.	Renton City Hall, 5th Floor, 1055 South Grady Way	Renton	KING	11	47.4789	-122.1639

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
117	Marysville city of - Public Works Department	\$250,000	This Project will identify stormwater treatment alternatives and then provide for the design and associated permitting of an approved stormwater treatment facility. The design would potentially utilize City property to treat portions of an existing 480 acre stormwater basin that currently discharges to a 303(d) listed waterway with no formal treatment.	80 Columbia Ave.	Marysville	SNOHOMISH	38	48.05068	-122.180673
118	Issaquah city of	\$187,500	This project will develop a Watershed-Scale Stormwater Plan to address stormwater runoff impacts and ecosystem degradation within the City of Issaquah. This planning effort is intended to identify stormwater-related issues affecting the watershed health and degraded water quality and habitat conditions, and how stormwater management actions can achieve long-term ecosystem recovery in city streams, including how best to mitigate stormwater impacts from past development.	PO Box 1307	Issaquah	KING	5	47.53543	-122.04145
<b>Total</b>		<b>\$26,536,432</b>							

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:49AM

Project Number: 30000542

Project Title: Cleanup Toxics Sites - Puget Sound

**Description**

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 5

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget provided \$18.6 million State Toxics Control Account (STCA) appropriation for new cleanup projects in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$13.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$4.4 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account and State Toxics Control Account)

**Project Description****What is the proposed project?**

As of June 2016, Ecology has identified about 260 contaminated sites awaiting cleanup, and roughly 650 sites are in the process of being cleaned up near the Puget Sound basin and surrounding shoreline. These numbers change frequently as site information is updated with new contaminated sites being identified, sites moving through cleanup, and sites being cleaned up.

Work will be done through a combination of direct actions by the state, contributions from potentially liable parties, and interagency agreements with affected local governments, resource agencies, and tribes. Incentives will be used to speed cleanup and encourage cooperative cleanups. The funding will be applied to sites that are abandoned, have non-compliant owners, or where funds are needed to advance emergent cleanup needs. This includes sites adjacent to critical and sensitive habitats; upland sites contributing to ongoing aquatic contamination; and a limited number of sites throughout Western Washington, outside the Puget Sound basin, where an unanticipated cleanup investment or emergency response is needed.

These cleanups continue to advance work in seven priority bays that implement the objectives of the Puget Sound Action Agenda, an action plan established after the Legislature created the Puget Sound Partnership to reverse Puget Sound's decline and restore it to health by 2020.

In 2013, there were significant changes made to MTCA. Among them, was direction for Ecology to plan hazardous site cleanup at a pace that matches the estimated cash resources in the MTCA accounts. (RCW 70.105D.170) Cleanups can take many years once a site has been contaminated with toxic chemicals. Three major factors determine the length of time for cleanup: the regulatory process used (formal versus independent cleanup); the nature of the contaminants (how difficult they are to remediate); and the type of contaminated media (soil, groundwater, sediments, etc.) Ecology established an ideal target for achieving site cleanup within five years; and has been actively working toward this target by employing model remedies and developing tools and policies to help achieve cleanup faster.

Financial certainty for cleanup project development is critical for ensuring existing projects are completed as envisioned, and new projects can be planned and designed to maximize environmental and public health improvements and economic development opportunities. The MTCA revenue decline that resulted in cleanup project delays in the 2015-17 Biennium created uncertainties for public funding. Despite Department of Revenue's Hazardous Substance Tax (HST, MTCA's major revenue

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:49AM

Project Number: 30000542

Project Title: Cleanup Toxics Sites - Puget Sound

**Description**

source) forecasts projecting a recovery in the next few years, delays in HST revenue recovery will continue to restrain cleanup projects funded with MTCA.

MTCA's cleanup process informs project prioritization. Ecology's Toxics Cleanup Program (TCP) guides all cleanup projects through MTCA's regulatory process and requirements, including those seeking state capital budget funding. MTCA requires all cleanup projects proceed through the following phases:

**Assessment:** All projects are prioritized based on human health and environmental risks. Cleanup projects address risks either from exposure to contaminated soil, contaminated groundwater and drinking water, contaminated marine water and sediment, which pose human health risks from consuming fish and shellfish, toxic vapors, or a combination of the above.

**Investigate:** Remedial investigations define the nature, extent, and magnitude of contamination on all projects.

**Study:** Feasibility studies are conducted on all projects and include alternative analysis, cost-benefit analysis, long-term or life-cycle cost analysis, and cleanup technology preferences.

**Plan:** Information from the remedial investigation and feasibility study are included in a cleanup action plan that describes cleanup standards, methods, monitoring requirements, and schedule – including any time-critical elements.

**Comment:** The public is encouraged to review and comment on the projects' investigations, feasibility studies and cleanup plans during public comment periods.

**Cleanup:** Design, construction, operations, and monitoring of the cleanup. At this phase, projects are ready to proceed: They are in construction; they have permits or are in the permitting process; their design is complete or underway; or they are under contract. A cleanup is complete when Ecology determines cleanup standards have been met.

In addition to projects being evaluated according to the MTCA regulatory process, the enacted 2015-17 biennial capital budget provided three tools for managing cash in the MTCA accounts, including authorization to delay cleanup projects (Second Engrossed House Bill 1115, Section 7038). After that budget became law, Ecology and the Office of Financial Management, developed a MTCA Cash Management Plan (Plan) for the 2015-17 biennium. The Plan described Ecology's use of the three options to maintain positive cash balances in the accounts, including delaying several high-priority cleanup projects.

Section 7038 (3) authorized Ecology to delay the start of cleanup projects based on acuity of need, readiness to proceed, cost-efficiency, or need to ensure geographic distribution. Ecology used this authority in the 2015-17 biennium to guide project priority. The list of delayed projects is prioritized by:

1. Applying Section 7038 criteria as detailed in the Plan.
2. Where groups of projects met all of the same Section 7038 criteria, projects were further ranked considering Ecology's regional and program priorities.
3. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects. Some of the delayed projects have been in line for funding for more than two years. Circumstances may have changed. Ecology reviewed each request to ensure the project is still viable, update descriptive information and confirm dollar amounts. The project list explains any changes.

Attached is a prioritized list of delayed projects that will be funded with this request. The enacted 2016 Supplemental Capital Budget provided \$18.6 million in STCA appropriations for Cleanup Toxic Sites – Puget Sound projects, assuming about one-half would be spent in the 2017-19 Biennium. But, with the significant drop in the price of oil, and correlated decreases over the past two years in HST forecast, revenue projections for all three MTCA accounts (STCA, Local Toxics Control Account, Environmental Legacy Stewardship Account) fall short of funding the appropriations for delayed 2015-17 Puget Sound projects. Ecology requests State Building Construction Account (SBCA) dollars of \$4.4 million for this reappropriation to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:49AM

Project Number: 30000542

Project Title: Cleanup Toxics Sites - Puget Sound

**Description****What opportunity or problem is driving this request?****The reason for the project:**

Cleaning up and protecting Puget Sound is critical to the social and economic well-being of Washingtonians. Decades of industrial, municipal, and naturally occurring pollution have taken their toll on the condition and ecology of Puget Sound. Without intervention now, the condition of Puget Sound will most certainly continue to deteriorate. Although the state has made progress addressing the most highly contaminated areas of the Sound, other impacted areas are left unchecked. This request will help restore environmental and economic vitality to the state by focusing comprehensive cleanup on remaining contaminated sites impacting Puget Sound.

This project was appropriated with MTCA funding in the 2015-17 Biennium. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19, resulting in a projected revenue shortfall of \$78 million as of August 2016. The HST is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. Ecology requests backfill funding from the SBCA to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.
- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).
- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.
- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also preserved investments in cleanup. For toxic site cleanup, the SBCA was used to backfill MTCA transfers. This provided funding for existing projects and invested in new toxic site cleanups. Now, the economy is in a growth period – the very time when toxic site cleanup is affordable and interest in redevelopment is high. Ecology requests SBCA backfill funding be appropriated so important, ready to proceed cleanup projects move forward.

**The effects of non-funding:**

If this request is not funded, Puget Sound cleanup projects would continue to be delayed. State investment significantly contributes to cleanup progress in Washington, and it makes a direct, beneficial impact on human health and the environment. Without funding, these benefits would not be achieved. The economic, health, and environmental impacts would largely be felt

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:49AM

Project Number: 30000542

Project Title: Cleanup Toxics Sites - Puget Sound

**Description**

in areas in or immediately adjacent to Puget Sound. Also, the cleanup progress in Washington and Puget Sound would not advance at the accelerated rate expected by the Governor and Legislature.

**How does the project support the agency and statewide results?**

This project is essential to implementing a priority in Ecology's strategic plan by supporting the priority to Prevent and Reduce Toxic Threats. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

This request is essential to support the Governor's budget and economic priorities by investing funds to protect public health and natural resources. This request will also support Results Washington Goal 3, Sustainable Energy and a Clean Environment by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and wildlife resources. Specifically:

Goal 3/Goal Topic/Sub-Topic: Sustainable Energy and a Clean Environment/Clean and Restored Environment *Keep our land, water and air clean/Healthy Lands*

Outcome Measure 3.1 – Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020.

Leading Indicator 3.1.a – Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016.

This work also supports Goal 2, Prosperous Economy by creating and supporting jobs and making it possible to redevelop previously contaminated land to support economic growth in communities.

This request also supports Puget Sound Action Agenda implementation through the following strategies:

Strategy 21 Address and Clean Up Cumulative Water Pollution Impacts in Puget Sound, substrategy 21.2 Clean Up Contaminated Sites Within and Near Puget Sound. This request relates to the Puget Sound Action Agenda strategy and substrategy by reducing and controlling the sources of pollution. Ecology's work to cleanup areas contaminated with hazardous substances returns a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem. Ecology's focused work in Puget Sound will be accomplished by making direct state investments, using contributions by potentially liable parties, and entering interagency agreements with affected local governments and resource agencies.

Strategy 10 Use a Comprehensive Approach to Manage Urban Stormwater Runoff at the Site and Landscape Scales, substrategy 10.3 Fix Problems Caused by Existing Development, regional priority 10.3-2 Provide Infrastructure and Incentives to Accommodate Redevelopment Within Designated Urban Centers in Urban Growth Areas. This request relates to the Puget Sound Action Agenda sub-strategy and regional priority by cleaning up previously contaminated sites so they can be redeveloped, which promotes revitalization and economic growth in urban areas.

**What are the specific benefits of this project?**

This work will benefit Washingtonians by achieving the much sought after economic and social benefits of a clean, restored Puget Sound. Specifically, benefits of this request include:

- Cleaning up contaminated sites.
- Reduce exposure of hazardous substances to the environment and public as work progresses on these sites.
- Economic redevelopment as abandoned sites move forward through the cleanup process.
- Continued cleanup and restoration of Puget Sound.

**How will clients be affected and services change if this project is funded?**

This request continues ongoing efforts and will result in local cleanups and land redevelopment. Cleaning up contaminated



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:49AM

Project Number: 30000542

Project Title: Cleanup Toxics Sites - Puget Sound

**Description**

property is usually integrated with economic development, habitat restoration, and public recreation projects. Most cleanup projects are the first phase of a larger community or economic redevelopment project where the cleanup site is the focal point of the project.

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

These cleanup projects are part of the Puget Sound Initiative, which is a collaborative effort by local, tribal, state, and federal governments; business; agricultural and environmental interests; and the public to help preserve and protect Puget Sound. The projects funded by this request may involve port districts and other local government agencies, whose cleanup projects are considered for eligibility under the Remedial Action Grant Program.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

Ecology considered several alternatives for funding these projects. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology's ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

If an alternative solution is not provided, Ecology would have to further delay these cleanup projects until revenue recovers in the MTCA accounts. Funding a bond backfill is the best option because it will fund the capital budget as the Legislature originally intended, and give Ecology the resources to continue implementation of the budget as originally passed.

**What is the agency's proposed funding strategy for the project?**

Ecology is requesting \$13.6 million in total reappropriation for this project (based on expenditures through July 2016) and lapsing \$4.2 million. The total reappropriation amount will be updated as actual spending occurs for the rest of the 2015-17 Biennium. Part of the reappropriation request is for new bond backfill funding from the SBCA of \$4.4 million and a reduction to STCA funding by the same amount to help bridge the gap until MTCA revenue recovers. After reviewing and updating the project list, Ecology determined \$4.2 million of STCA will be lapsed at the end of the 2015-17 Biennium because circumstances

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:49AM

Project Number: 30000542

Project Title: Cleanup Toxics Sites - Puget Sound

**Description**

have changed and the funding is not needed at this time. The majority of this lapsed funding is due a project that received SBCA funding in the 2016 Supplemental Budget, but only \$4 million of the \$7 million in STCA funding budgeted for the project was reduced.

Note: The total amount being requested in bond funding for 2017-19 Puget Sound cleanup projects is \$30 million, which includes this \$4.4 million for projects delayed due to the MTCA revenue shortfall in reappropriation 30000542, \$5.4 million to restore reductions from the 2016 Supplemental Budget, and \$20.1 million in new funding to start or continue the next phase of projects. Traditional new investments in Puget Sound cleanup projects have averaged around \$26.6 million a biennium over the last three biennia.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	4,400,000				4,400,000
173-1	State Toxics Control-State	9,981,000		817,000	13,564,000	(4,400,000)
	<b>Total</b>	<b>14,381,000</b>	<b>0</b>	<b>817,000</b>	<b>13,564,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
173-1	State Toxics Control-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000551

SubProject Title: Custom Plywood Dioxin Removal Interim Action

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:49AM

Project Number: 30000542

Project Title: Cleanup Toxics Sites - Puget Sound

**SubProjects**

SubProject Number: 30000551

SubProject Title: Custom Plywood Dioxin Removal Interim Action

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 5

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget provided \$18.6 million State Toxics Control Account (STCA) appropriation for new cleanup projects in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$13.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$4.4 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account and State Toxics Control Account)

**Project Description**

Precedent setting action for Ecology will fund the phase III interim action plan and construction - thin layer capping of sediment.

**Location**

City: Anacortes

County: Skagit

Legislative District: 040

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	3,500,000				3,500,000
	<b>Total</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:49AM

Project Number: 30000542

Project Title: Cleanup Toxics Sites - Puget Sound

**SubProjects**

SubProject Number: 30000551

SubProject Title: Custom Plywood Dioxin Removal Interim Action

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	(3,500,000)				(3,500,000)
	<b>Total</b>	<b>(3,500,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(3,500,000)</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
173-1 State Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000553

SubProject Title: Port Angeles Harbor

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:49AM

Project Number: 30000542

Project Title: Cleanup Toxics Sites - Puget Sound

**SubProjects**

SubProject Number: 30000553

SubProject Title: Port Angeles Harbor

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 5

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget provided \$18.6 million State Toxics Control Account (STCA) appropriation for new cleanup projects in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$13.6 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$4.4 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account and State Toxics Control Account)

**Project Description**

This project will provide additional funding for source control work in Port Angeles Harbor.

**Location**

City: Port Angeles

County: Clallam

Legislative District: 024

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	900,000				900,000
	<b>Total</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:49AM

Project Number: 30000542

Project Title: Cleanup Toxics Sites - Puget Sound

**SubProjects**

SubProject Number: 30000553

SubProject Title: Port Angeles Harbor

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	(900,000)				(900,000)
	<b>Total</b>	<b>(900,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(900,000)</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
173-1 State Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Clean Up Toxic Sites - Puget Sound</u>
<b>Project Number:</b>	<u>30000542</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Toxics Cleanup Program**  
**Clean Up Toxics Sites - Puget Sound - Delayed**  
**June 24, 2016**

**PURPOSE:** The enacted 2016 Supplemental Capital Budget provided \$22.6 million in State Toxics Control Account (STCA) appropriations for Clean Up Toxics Sites - Puget Sound project. This was done assuming \$8.6 million would be spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." Since the May 2015 revenue forecast, actual and projected revenue for the Model Toxics Control Act (MTCA) accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology requests State Building Construction Account (SBCA) dollars of \$4.4 million for this reappropriation to offset the shortfall in MTCA revenue in the 2017-19 Biennium. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions.

Below is a prioritized list of delayed projects that will be funded with this request. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available. The projects included in this request have been reviewed and are ready to proceed according to the MTCA regulatory process. In addition to projects being evaluated according to that process, the enacted 2015-17 biennial capital budget provided three tools for managing cash in the MTCA accounts, including authorization to delay cleanup projects (Second Engrossed House Bill 1115, Section 7038). After that budget became law, Ecology and the Office of Financial Management, developed a MTCA Cash Management Plan (Plan) for the 2015-17 Biennium. The Plan described Ecology's use of the three options to maintain positive cash balances in the accounts, including delaying several high-priority cleanup projects.

Section 7038 (3) authorized Ecology to delay the start of cleanup projects based on acuity of need, readiness to proceed, cost-efficiency, or need to ensure geographic distribution. Ecology used this authority in the 2015-17 biennium to guide project priority. The list of delayed projects is prioritized by:

1. Applying Section 7038 criteria as detailed in the Plan.
2. Where groups of projects met all of the same Section 7038 criteria, projects were further ranked considering Ecology's regional and program priorities.
3. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects. Some of the delayed projects have been in line for funding for more than two years. Circumstances may have changed. Ecology reviewed each request to ensure the project is still viable, update descriptive information and confirm dollar amounts.

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Site Address	City	Leg. District	Latitude	Longitude
1	Custom Plywood Dioxin Removal Interim Action - Final Phase	Custom Plywood Dioxin Removal Interim Action - Final Phase	Precedent setting action for Ecology will fund the phase III interim action plan and construction - thin layer capping of sediment.	Cleanup / Post Closure Monitoring	Skagit	3,500,000	35th & V Street	Anacortes	40	48.4939	-122.60331
2	Port Angeles Harbor	Port Angeles Harbor	This project will provide additional funding for source control work in Port Angeles Harbor.	Cleanup / Post Closure Monitoring	Clallam	900,000	Western Port Angeles Harbor	Port Angeles	24	48.133101	-123.453712
<b>Total 2017-19 Bond-backfill Request for Delayed Projects</b>						<b>4,400,000</b>					
	RG Haley	RG Haley	The 2019-17 Remedial Action Grant budget request includes \$3 million in 'delayed' and \$6.75 million in 'new' requests for the project. Ecology has removed this project assuming the estimated cash resource need for 2017-19 is requested in the Remedial Action Grant budget.								
	Remainder PA Landfill	Remainder PA Landfill	This project was funded at \$2.2 million from the State Building Construction Account instead of \$7 million from MTCA. \$4 million reduction in 2015-17 is assumed in this difference.								
<b>Estimated Bond-backfill for Delayed Projects to match 2016 Supplemental</b>						<b>8,569,000</b>					



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**Description**

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 6

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. The enacted 2016 Supplemental Capital Budget provided \$11.0 million State Toxics Control Account (STCA) appropriation for new Eastern Washington Clean Sites Initiative projects in the 2015-17 Biennium. This was done assuming about one-third of this appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget". This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$9.8 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$2.2 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. (State Building Construction Account and State Toxics Control Account)

**Project Description****What is the proposed project?**

The Eastern Washington Clean Sites Initiative funds remediation activities on contaminated sites in Eastern Washington. By focusing resources directly to the communities east of the Cascade Mountains, Ecology will have the resources to fund cleanup work related to metals contamination, leaking underground storage tanks, landfills, salvage yards, and wood treatment facilities. The funds will be used to pay for cleanup at contaminated sites where the responsible party (land user, facility operator, or property owner) is either unwilling or unable to pay costs related to the cleanup activities. Ecology will cost recover cleanup costs where possible.

In 2013, there were significant changes made to MTCA. Among them, was direction for Ecology to plan hazardous site cleanup at a pace that matches the estimated cash resources in the MTCA accounts. (RCW 70.105D.170) Cleanups can take many years once a site has been contaminated with toxic chemicals. Three major factors determine the length of time for cleanup: the regulatory process used (formal versus independent cleanup); the nature of the contaminants (how difficult they are to remediate); and the type of contaminated media (soil, groundwater, sediments, etc.) Ecology established an ideal target for achieving site cleanup within five years; and has been actively working toward this target by employing model remedies and developing tools and policies to help achieve cleanup faster.

Financial certainty for cleanup project development is critical for ensuring existing projects are completed as envisioned, and new projects can be planned and designed to maximize environmental and public health improvements and economic development opportunities. The MTCA revenue decline that resulted in cleanup project delays in the 2015-17 Biennium created uncertainties for public funding. Despite Department of Revenue's Hazardous Substance Tax (HST, MTCA's major revenue source) forecasts projecting a recovery in the next few years, delays in HST revenue recovery will continue to restrain cleanup projects funded with MTCA.

MTCA's cleanup process informs project prioritization. Ecology's Toxics Cleanup Program (TCP) guides all cleanup projects through MTCA's regulatory process and requirements, including those seeking state capital budget funding. MTCA requires all cleanup projects proceed through the following phases:

1. Assessment: All projects are prioritized based on human health and environmental risks. Cleanup projects address risks

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**Description**

from exposure to contaminated soil; contaminated groundwater and drinking water; contaminated marine water and sediment, which pose human health risks from consuming fish and shellfish; toxic vapors; or a combination of the above.

2. Investigate: Remedial investigations define the nature, extent, and magnitude of contamination on all projects.

3. Study: Feasibility studies are conducted on all projects and include alternative analysis, cost-benefit analysis, long-term or life-cycle cost analysis, and cleanup technology preferences.

4. Plan: Information from the remedial investigation and feasibility study are included in a cleanup action plan that describes cleanup standards, methods, monitoring requirements, and schedule – including any time-critical elements.

5. Comment: The public is encouraged to review and comment on the projects' investigations, feasibility studies, and cleanup plans during public comment periods.

6. Cleanup: Designing, constructing, operating, and monitoring the cleanup. At this phase, projects are ready to proceed: They are in construction; they have permits or are in the permitting process; their design is complete or underway; or they are under contract. A cleanup is complete when Ecology determines cleanup standards have been met.

In addition to projects being evaluated according to the MTCA regulatory process, the enacted 2015-17 biennial capital budget provided three tools for managing cash in the MTCA accounts: transfers between accounts, taking a loan from the Cleanup Settlement Account, and delaying cleanup projects (Second Engrossed House Bill 1115, Section 7038). After that budget became law, Ecology and the Office of Financial Management developed a MTCA Cash Management Plan (Plan) for the 2015-17 Biennium. The Plan describes Ecology's use of the three options to maintain positive cash balances in the accounts, including delaying several high-priority cleanup projects.

Section 7038 (3) authorized Ecology to delay the start of cleanup projects based on acuity of need, readiness to proceed, cost-efficiency, or need to ensure geographic distribution. Ecology used this authority in the 2015-17 Biennium to guide project priority. The list of delayed projects is prioritized by:

1. Applying Section 7038 criteria as detailed in the Plan.

2. Where groups of projects met all of the same Section 7038 criteria, projects were further ranked considering Ecology's regional and program priorities.

3. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects. Some of the delayed projects have been in line for funding for more than two years, and circumstances may have changed. Ecology reviewed each request to ensure the project is still viable, updated descriptive information, and confirmed dollar amounts. The project list explains any changes.

Attached is a prioritized list of delayed projects that will be funded with this request. The enacted 2016 Supplemental Capital Budget provided \$11.0 million in STCA appropriations for Eastern Washington Clean Sites Initiative projects, assuming about one-third would be spent in the 2017-19 Biennium. But, with the significant drop in the price of oil, and correlated decreases over the past two years in HST forecast, revenue projections for all three MTCA accounts (STCA, Local Toxics Control Account, Environmental Legacy Stewardship Account) fall short of funding the appropriations for delayed 2015-17 Eastern Washington projects. Ecology requests State Building Construction Account (SBCA) dollars of \$2.2 million for this reappropriation to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed.

**What opportunity or problem is driving this request?****The reason for the project:**

This request addresses the toxics cleanup needs of contaminated sites in Eastern Washington. Other capital budget funds for toxic cleanup activities have been directed to sites within the Puget Sound basin. This funding will allow Ecology to continue to

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**Description**

focus on cleaning up contaminated sites in Eastern Washington. These cleanups protect public and environmental health, create jobs, and promote economic redevelopment.

This Eastern Washington project was appropriated with MTCA funding in the 2015-17 Biennium. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19, resulting in a projected revenue shortfall of \$78 million as of August 2016. The HST is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. Ecology requests backfill funding from the SBCA to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.

- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.

- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).

- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.

- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also preserved investments in cleanup. For toxic site cleanup, SBCA was used to backfill MTCA transfers. This provided funding for existing projects and invested in new toxic site cleanups. Now, the economy is in a growth period – the very time when toxic site cleanup is affordable and interest in redevelopment is high. Providing SBCA funding will allow important, ready-to-proceed cleanup projects to move forward.

**The effects of non-funding:**

If this request is not funded, Eastern Washington cleanup projects would be unfunded and communities in Eastern Washington would continue to be impacted by hazardous substances and degraded water resources.

**How does the project support the agency and statewide results?**

This project is essential to implementing a priority in Ecology's strategic plan by supporting the priority to Prevent and Reduce Toxic Threats. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

This request is essential to support the Governor's budget and economic priorities by investing funds to protect public health and natural resources. This request will also support Results Washington Goal 3, Sustainable Energy and a Clean Environment by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and

**461 - Department of Ecology  
Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**Description**

wildlife resources.  
Specifically:

Goal 3/Goal Topic/Sub-Topic: Sustainable Energy and a Clean Environment/Clean and Restored Environment *Keep our land, water and air clean*/Healthy Lands

Outcome Measure 3.1 – Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020.

Leading Indicator 3.1.a – Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016.

This work also supports Goal 2, Prosperous Economy by creating and supporting jobs and making it possible to redevelop previously contaminated land to support economic growth in communities.

**What are the specific benefits of this project?**

Cleaning up contaminated sites in Eastern Washington will yield the following benefits:

- Cleanup of the toxic contaminated sites.
- Reduce exposure of hazardous substances to the environment and public as work progresses on these sites.
- Economic development as abandoned sites move forward through the cleanup process.

Cleaning up contaminated property is usually integrated with economic development, habitat restoration, and public recreation projects. Most cleanup projects are the first phase of a larger community or economic redevelopment project where the cleanup site is the focal point of the project.

**How will clients be affected and services change if this project is funded?**

This project will allow Ecology to focus resources on contaminated sites in Eastern Washington, reducing exposure of hazardous substances to the environment and public. The number of contaminated sites cleaned up will increase, resulting in less public and environmental exposure to hazardous substances.

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

Local governments will be positively affected as contaminated sites are returned to use benefiting the local economy.

**What is the impact on the state operating budget?**

None

**Does this request include funding for any IT-related costs?**

No

**Why is this the best option or alternative?**

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**Description**

Ecology considered several alternatives for funding these projects. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology’s ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

If an alternative solution is not provided, Ecology would have to further delay these cleanup projects until revenue recovers in the MTCA accounts. Funding a bond backfill is the best option because it will fund the capital budget as the Legislature originally intended, and give Ecology the resources to continue implementation of the budget as originally passed.

**What is the agency’s proposed funding strategy for the project?**

Ecology is requesting \$9.8 million in total reappropriation for this project (based on expenditures through July 2016) and lapsing \$1.1 million. The total reappropriation amount will be updated as actual spending occurs for the rest of the 2015-17 Biennium. Part of the reappropriation request is for new bond backfill funding from the SBCA of \$2.2 million and a reduction to STCA funding by the same amount to help bridge the gap until MTCA revenue recovers. This will allow important Eastern Washington cleanup work to begin on July 1, 2017, rather than having to delay projects until sufficient MTCA revenue is available. After reviewing and updating the project list, Ecology determined \$1.1 million of STCA will be lapsed at the end of the 2015-17 Biennium because circumstances have changed and the funding is not needed at this time.

Note: The total amount being requested in bond funding for 2017-19 Eastern Washington cleanup projects is \$10.37 million, which includes this \$2.2 million for projects delayed due to the MTCA revenue shortfall in reappropriation 30000432, \$2.94 million to restore reductions from the 2016 Supplemental Budget, and \$5.23 million in new funding to start or continue the next phase of projects. Traditional new investments in Eastern Washington cleanup projects have averaged around \$9.6 million a biennium over the last three biennia.

**Proviso**

None

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**Description**

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,200,000				2,200,000
173-1	State Toxics Control-State	7,700,000		121,000	9,779,000	(2,200,000)
	<b>Total</b>	<b>9,900,000</b>	<b>0</b>	<b>121,000</b>	<b>9,779,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
173-1	State Toxics Control-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000443

SubProject Title: Northport Remedial Investigation

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000443

SubProject Title: Northport Remedial Investigation

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 6

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. The enacted 2016 Supplemental Capital Budget provided \$11.0 million State Toxics Control Account (STCA) appropriation for new Eastern Washington Clean Sites Initiative projects in the 2015-17 Biennium. This was done assuming about one-third of this appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget". This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$9.8 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$2.2 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. (State Building Construction Account and State Toxics Control Account)

**Project Description**

Conduct Remedial Investigation of near-shore contamination from LeRoi Smelter slag.

**Location**

City: Northport

County: Stevens

Legislative District: 007

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	600,000				600,000
	<b>Total</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000443

SubProject Title: Northport Remedial Investigation

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	(600,000)				(600,000)
	<b>Total</b>	<b>(600,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(600,000)</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
173-1 State Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000448

SubProject Title: Mackner Scales



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000448

SubProject Title: Mackner Scales

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 6

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. The enacted 2016 Supplemental Capital Budget provided \$11.0 million State Toxics Control Account (STCA) appropriation for new Eastern Washington Clean Sites Initiative projects in the 2015-17 Biennium. This was done assuming about one-third of this appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget". This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$9.8 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$2.2 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. (State Building Construction Account and State Toxics Control Account)

**Project Description**

This project will fund the remediation of contaminated soil and groundwater to prepare the site for redevelopment.

**Location**

City: Ellensburg

County: Kittitas

Legislative District: 013

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000448

SubProject Title: Mackner Scales

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	(250,000)				(250,000)
	<b>Total</b>	<b>(250,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(250,000)</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
173-1 State Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000447

SubProject Title: Wirts Service

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000447

SubProject Title: Wirts Service

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 6

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. The enacted 2016 Supplemental Capital Budget provided \$11.0 million State Toxics Control Account (STCA) appropriation for new Eastern Washington Clean Sites Initiative projects in the 2015-17 Biennium. This was done assuming about one-third of this appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget". This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$9.8 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$2.2 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. (State Building Construction Account and State Toxics Control Account)

**Project Description**

The project includes site investigation, groundwater monitoring and possible removal of contaminated soil.

**Location**

City: Ellensburg

County: Kittitas

Legislative District: 013

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	200,000				200,000
	<b>Total</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000447

SubProject Title: Wirts Service

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	(200,000)				(200,000)
	<b>Total</b>	<b>(200,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(200,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
173-1 State Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000434

SubProject Title: Dryden Pit (WDFW)

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000434

SubProject Title: Dryden Pit (WDFW)

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 6

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. The enacted 2016 Supplemental Capital Budget provided \$11.0 million State Toxics Control Account (STCA) appropriation for new Eastern Washington Clean Sites Initiative projects in the 2015-17 Biennium. This was done assuming about one-third of this appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget". This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$9.8 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$2.2 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. (State Building Construction Account and State Toxics Control Account)

**Project Description**

This project would fund the capping of the site (state land managed by the Washington Department of Fish and Wildlife) to limit exposure to lead and arsenic contamination.

**Location**

City: Unincorporated

County: Chelan

Legislative District: 012

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000434

SubProject Title: Dryden Pit (WDFW)

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	(500,000)				(500,000)
	<b>Total</b>	<b>(500,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(500,000)</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
173-1 State Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000444

SubProject Title: Columbus Square

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000444

SubProject Title: Columbus Square

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 6

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. The enacted 2016 Supplemental Capital Budget provided \$11.0 million State Toxics Control Account (STCA) appropriation for new Eastern Washington Clean Sites Initiative projects in the 2015-17 Biennium. This was done assuming about one-third of this appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget". This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$9.8 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$2.2 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. (State Building Construction Account and State Toxics Control Account)

**Project Description**

The project is early in the investigation. The site seems to have contamination both on and off-site contamination. The investigation has expanded to find the contamination source.

**Location**

City: Goldendale

County: Klickitat

Legislative District: 014

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000444

SubProject Title: Columbus Square

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	(300,000)				(300,000)
	<b>Total</b>	<b>(300,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(300,000)</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
173-1 State Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000452

SubProject Title: Pet Health Clinic



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000452

SubProject Title: Pet Health Clinic

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 6

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. The enacted 2016 Supplemental Capital Budget provided \$11.0 million State Toxics Control Account (STCA) appropriation for new Eastern Washington Clean Sites Initiative projects in the 2015-17 Biennium. This was done assuming about one-third of this appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget". This request provides backfill funding for reappropriations that were authorized in the enacted 2015-17 Capital Budget for projects that would otherwise continue to be delayed due to the Model Toxics Control Act (MTCA) revenue shortfall. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTCA fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology is requesting \$9.8 million in total reappropriation for this project in 2017-19. Part of the reappropriation request includes new bond backfill funding from the State Building Construction Account (SBCA) dollars of \$2.2 million to partly offset the shortfall in MTCA revenue in the 2017-19 Biennium and allow these important projects to proceed. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions. (State Building Construction Account and State Toxics Control Account)

**Project Description**

This project includes possible excavation of contaminated soil and groundwater monitoring and treatment.

**Location**

City: Sunnyside

County: Yakima

Legislative District: 015

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	350,000				350,000
	<b>Total</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:29PM

Project Number: 30000432

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000452

SubProject Title: Pet Health Clinic

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	(350,000)				(350,000)
	<b>Total</b>	<b>(350,000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(350,000)</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
173-1 State Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Eastern Washington Clean Sites Initiative</u>
<b>Project Number:</b>	<u>30000432</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Toxics Cleanup Program**  
**Eastern Washington Clean Sites Initiative - Delayed**  
**June 24, 2016**

*PURPOSE: The enacted 2016 supplemental capital budget provided \$11.0 million in State Toxics Control Account (STCA) appropriations for Eastern Washington Clean Sites Initiative projects. This was done assuming \$3.3 million would be spent in the 2017-19 biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." Since the May 2015 revenue forecast, actual and projected revenue for the Model Toxics Control Act (MTC) accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19. This has left a projected overall MTC) fund balance for 2017-19 of negative \$78 million as of August 2016. Ecology requests State Building Construction Account (SBCA) dollars of \$2.2 million for this reappropriation to offset the shortfall in MTC) revenue in the 2017-19 biennium. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions.*

*Since the 2016 Supplemental capital budget list was ranked, circumstances have changed. Ecology reviewed each project to ensure the project is still viable, updated descriptive information and confirmed dollar amounts. Below is an updated priority listing of delayed projects that will be funded with this request. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available. The projects included in this request have been reviewed and are ready to proceed according to the MTC) regulatory process. In addition to projects being evaluated according to that process, the enacted 2015-17 biennial capital budget provided three tools for managing cash in the MTC) accounts, including authorization to delay cleanup projects (Second Engrossed House Bill 1115, Section 7038). After that budget became law, Ecology and the Office of Financial Management, developed a MTC) Cash Management Plan (Plan) for the 2015-17 biennium. The Plan described Ecology's use of the three options to maintain positive cash balances in the accounts, including delaying several high-priority cleanup projects.*

*Section 7038 (3) authorized Ecology to delay the start of cleanup projects based on acuity of need, readiness to proceed, cost-efficiency, or need to ensure geographic distribution. Ecology used this authority in the 2015-17 biennium to guide project priority. The list of delayed projects is prioritized by:*

1. Applying Section 7038 criteria as detailed in the Plan.
2. Where groups of projects met all of the same Section 7038 criteria, projects were further ranked considering Ecology's regional and program priorities.
3. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects. Some of the delayed projects have been in line for funding for more than two years. Circumstances may have changed. Ecology reviewed each request to ensure the project is still viable, update descriptive information and confirm dollar amounts.

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Site Address	City	Leg. District	Latitude	Longitude
1	Northport Remedial Investigation	Northport Remedial Investigation	Conduct Remedial Investigation of near-shore contamination from LeRoi Smelter slag.	Study	Stevens	600,000	Northport City Park	Northport	7	48.921259	-117.772889
2	Mackner Scales	Mackner Scales	This project will fund the remediation of contaminated soil and groundwater to prepare the site for redevelopment.	Cleanup / Post Closure Monitoring	Kititias	250,000	400 E Mountain View Avenue	Ellensburg	13	46.983936	-120.543112
3	Wirts Service	Wirts Service	The project includes site investigation, groundwater monitoring and possible removal of contaminated soil.	Investigate	Kititias	200,000	319 N Main Street	Ellensburg	13	46.98594	-120.4176822
4	Dryden Pit (WDFW)	Dryden Pit (WDFW)	This project would fund preparation of the capping of the site (state land managed by the Department of Fish and Wildlife) to limit exposure to lead and arsenic contamination.	Plan	Chelan	500,000	Saunders Rod	Peshastin	12	47.55706943	-120.5813027
5	Columbus Square	Columbus Square	The project is early in the investigation. The site seems to have contamination both on and off-site contamination. The investigation has expanded to find the contamination source.	Investigate	Klickitat	300,000	614 S Columbus Ave	Goldendale	14	45.818537	-120.822224

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Site Address	City	Leg. District	Latitude	Longitude
6	Pet Health Clinic	Pet Health Clinic	This project includes possible excavation of contaminated soil and groundwater monitoring and treatment.	Study	Yakima	350,000	2210A E Edison Road	Sunnyside	15	46.324153	-119.9913121
			<b>Total 2017-19 Bond-backfill Request for Delayed Projects</b>			<b>2,200,000</b>					
	Stubblefield	Stubblefield	Project work can be completed with current funding plus a request for new funding in the 2017-19.			60,000					
	Frenchies	Frenchies	Project no longer viable. Owner was not cooperative and participation in the Clean Sites Initiative program was terminated.			200,000					
	Headwaters Inn	Headwaters Inn	Project is no longer viable. The property owner is selling the property. Participation in Clean Sites Initiative program has been terminated.			300,000					
	Kings Pacific Pride	Kings Pacific Pride	Project is an active gas station.			250,000					
	Bonjorni	Bonjorni	Project is no longer viable. Owner was not cooperative and participation in the Clean Sites Initiative program was terminated.			200,000					
	Bob's Auto Clinic	Bob's Auto Clinic	Project was completed.			50,000					
	Meza Market	Meza Market	Project is no longer viable. Owner was not cooperative and participation in the Clean Sites Initiative program was terminated.			40,000					
<b>Estimated Bond-backfill for Delayed Projects to match 2016 Supplemental</b>						<b>3,300,000</b>					

\*\*\* *This page intentionally blank.* \*\*\*

**Department of Ecology  
2017-2019 Capital Budget**

**Table of Contents**

**Tab D-2    Protect and Restore Puget Sound**

1. 30000763 Restored Clean Up Toxic Sites – Puget Sound.....	329
2. 30000749 Clean Up Toxic Sites – Puget Sound.....	355

\*\*\* *This page intentionally blank.* \*\*\*



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description****What is the proposed project?**

As of June 2016, Ecology has identified about 260 contaminated sites awaiting cleanup, and roughly 650 sites are in the process of being cleaned up near the Puget Sound basin and surrounding shoreline. These numbers change frequently as site information is updated with new contaminated sites being identified, sites moving through cleanup, and sites being cleaned up.

Work will be done through a combination of direct actions by the state, contributions from potentially liable parties, and interagency agreements with affected local governments, resource agencies, and tribes. Incentives will be used to speed cleanup and encourage cooperative cleanups. The funding will be applied to sites that are abandoned, have non-compliant owners, or where funds are needed to advance emergent cleanup needs. This includes sites adjacent to critical and sensitive habitats; upland sites contributing to ongoing aquatic contamination; and a limited number of sites throughout Western Washington, outside the Puget Sound basin, where an unanticipated cleanup investment or emergency response is needed.

These cleanups continue to advance work in seven priority bays that implement the objectives of the Puget Sound Action Agenda, an action plan established after the Legislature created the Puget Sound Partnership to reverse Puget Sound's decline and restore it to health by 2020.

In 2013, there were significant changes made to MTCA. Among them, was direction for Ecology to plan hazardous site cleanup at a pace that matches the estimated cash resources in the MTCA accounts. (RCW 70.105D.170) Cleanups can take many years once a site has been contaminated with toxic chemicals. Three major factors determine the length of time for cleanup: the regulatory process used (formal versus independent cleanup); the nature of the contaminants (how difficult they are to remediate); and the type of contaminated media (soil, groundwater, sediments, etc.) Ecology established an ideal target for achieving site cleanup within five years; and has been actively working toward this target by employing model remedies and developing tools and policies to help achieve cleanup faster.

Financial certainty for cleanup project development is critical for ensuring existing projects are completed as envisioned, and new projects can be planned and designed to maximize environmental and public health improvements and economic development opportunities. The MTCA revenue decline that resulted in cleanup project delays in the 2015-17 Biennium created uncertainties for public funding. Despite Department of Revenue's Hazardous Substance Tax (HST, MTCA's major revenue source) forecasts projecting a recovery in the next few years, delays in HST revenue recovery will continue to restrain cleanup projects funded with MTCA. These projects are ready to proceed according to the MTCA regulatory process.

MTCA's cleanup process informs project prioritization. Ecology's Toxics Cleanup Program guides all cleanup projects through MTCA's regulatory process and requirements, including those seeking state capital budget funding. MTCA requires all cleanup projects proceed through the following phases:

1. Assessment: All projects are prioritized based on human health and environmental risks. Cleanup projects address risks either from exposure to contaminated soil, contaminated groundwater and drinking water, contaminated marine water and

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**Description**

sediment which pose human health risks from consuming fish and shellfish, toxic vapors, or a combination of the above.

2. Investigate: Remedial investigations define the nature, extent, and magnitude of contamination on all projects.

3. Study: Feasibility studies are conducted on all projects and include alternative analysis, cost-benefit analysis, long-term or life-cycle cost analysis, and cleanup technology preferences.

4. Plan: Information from the remedial investigation and feasibility study are included in a cleanup action plan that describes cleanup standards, methods, monitoring requirements, and schedule – including any time-critical elements.

5. Comment: The public is encouraged to review and comment on the projects' investigations, feasibility studies and cleanup plans during public comment periods.

6. Cleanup: Design, construction, operations, and monitoring of the cleanup. At this phase, projects are ready to proceed: They are in construction; they have permits or are in the permitting process; their design is complete or underway; or they are under contract. A cleanup is complete when Ecology determines cleanup standards have been met.

The enacted 2016 Supplemental Capital Budget reduced Cleanup Toxic Sites – Puget Sound projects by \$13.8 million (some of which was offset with bond funding) to help manage declining MTCA revenues driven by the significant drop in the price of oil and correlated decreases in HST over the past two years. Ecology requests funding be restored, as directed by the proviso language in the 2016 Supplemental Capital Budget, to keep important Puget Sound cleanup work moving forward in the 2017-19 Biennium. Attached is a prioritized list of projects that will be restored with this request for \$5.4 million in State Building Construction Account (SBCA) funding. The project list includes updates to projects where circumstances have changed.

**What opportunity or problem is driving this request?****The reason for the project:**

Cleaning up and protecting Puget Sound is critical to the social and economic well-being of Washingtonians. Decades of industrial, municipal, and naturally occurring pollution have taken their toll on the condition and ecology of Puget Sound. Without intervention now, the condition of Puget Sound will most certainly continue to deteriorate. Although the state has made progress addressing the most highly contaminated areas of the Sound, other impacted areas are left unchecked. This request will help restore environmental and economic vitality to the state by focusing comprehensive cleanup on remaining contaminated sites impacting Puget Sound.

The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the MTCA accounts in response to the drop in revenue. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19, resulting in a projected revenue shortfall of \$78 million as of August 2016. The HST is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. Ecology requests SBCA funding to restore these projects and help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.

- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**Description**

million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.

- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).

- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.

- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the General Fund-State. There were direct transfers, but the Legislature also preserved investments in cleanup. For toxic site cleanup, SBCA was used to backfill MTCA transfers. This provided funding for existing projects and invested in new toxic site cleanups. Now, the economy is in a growth period – the very time when toxic site cleanup is affordable and interest in redevelopment is high. Providing SBCA funding will allow important, ready-to-proceed cleanup projects to move forward.

**The effects of non-funding:**

If this request is not funded, Puget Sound cleanup projects would be underfunded. State investment significantly contributes to cleanup progress in Washington, and it makes a direct, beneficial impact on human health and the environment. Without funding, these benefits would not be achieved. The economic, health, and environmental impacts would largely be felt in areas in or immediately adjacent to Puget Sound. Also, the cleanup progress in Washington and Puget Sound would not advance at the accelerated rate expected by the Governor and Legislature.

**How does the project support the agency and statewide results?**

This project is essential to implementing a priority in Ecology's strategic plan by supporting the priority to Prevent and Reduce Toxic Threats. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

This request is essential to support the Governor's budget and economic priorities by investing funds to protect public health and natural resources. This request will also support Results Washington Goal 3, Sustainable Energy and a Clean Environment by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and wildlife resources. Specifically:

Goal 3/Goal Topic/Sub-Topic: Sustainable Energy and a Clean Environment/Clean and Restored Environment *Keep our land, water and air clean/Healthy Lands*

Outcome Measure 3.1 – Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020.

Leading Indicator 3.1.a – Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016.

This work also supports Goal 2, Prosperous Economy by creating and supporting jobs and making it possible to redevelop previously contaminated land to support economic growth in communities.

This request also supports Puget Sound Action Agenda implementation through the following strategies:

Strategy 21 Address and Clean Up Cumulative Water Pollution Impacts in Puget Sound, substrategy 21.2 Clean Up Contaminated Sites Within and Near Puget Sound. This request relates to the Puget Sound Action Agenda strategy and

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 3000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**Description**

substrategy by reducing and controlling the sources of pollution. Ecology's work to cleanup areas contaminated with hazardous substances returns a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem. Ecology's focused work in Puget Sound will be accomplished by making direct state investments, using contributions by potentially liable parties, and entering interagency agreements with affected local governments and resource agencies.

Strategy 10 Use a Comprehensive Approach to Manage Urban Stormwater Runoff at the Site and Landscape Scales, substrategy 10.3 Fix Problems Caused by Existing Development, regional priority 10.3-2 Provide Infrastructure and Incentives to Accommodate Redevelopment Within Designated Urban Centers in Urban Growth Areas. This request relates to the Puget Sound Action Agenda sub-strategy and regional priority by cleaning up previously contaminated sites so they can be redeveloped, which promotes revitalization and economic growth in urban areas.

**What are the specific benefits of this project?**

This work will benefit Washingtonians by achieving the much sought after economic and social benefits of a clean, restored Puget Sound. Specifically, benefits of this request include:

- Cleaning up contaminated sites.
- Reduce exposure of hazardous substances to the environment and public as work progresses on these sites.
- Economic redevelopment as abandoned sites move forward through the cleanup process.
- Continued cleanup and restoration of Puget Sound.

**How will clients be affected and services change if this project is funded?**

This request continues ongoing efforts and will result in local cleanups and land redevelopment. Cleaning up contaminated property is usually integrated with economic development, habitat restoration, and public recreation projects. Most cleanup projects are the first phase of a larger community or economic redevelopment project where the cleanup site is the focal point of the project.

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

These cleanup projects are part of the Puget Sound Initiative, which is a collaborative effort by local, tribal, state, and federal governments; business; agricultural and environmental interests; and the public to help preserve and protect Puget Sound. The projects funded by this request may involve port districts and other local government agencies, whose cleanup projects are considered for eligibility under the Remedial Action Grant Program.

**What is the impact on the state operating budget?**

None

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

Ecology considered several alternatives for funding these projects. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**Description**

Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology’s ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

If an alternative solution is not provided, Ecology would not be able to restore funding to these cleanup projects in the 2017-19 Biennium. SBCA funding is the best option because it will restore the original projects as the Legislature intended, and give Ecology the resources to continue cleanup work on these projects.

**What is the agency’s proposed funding strategy for the project?**

Ecology requests \$5.4 million from the SBCA to restore funding for these projects and help bridge the gap until MTCA revenue recovers. This will allow important cleanup work to continue on July 1, 2017.

Note: The total amount being requested in bond funding for 2017-19 Puget Sound cleanup projects is \$30 million, which includes this \$5.4 million to restore reductions from the 2016 Supplemental Budget, \$4.4 million for projects delayed due to the MTCA revenue shortfall in reappropriation 30000542, and \$20.1 million in new funding to start or continue the next phase of projects. Traditional new investments in Puget Sound cleanup projects have averaged around \$26.6 million a biennium over the last three biennia.

**Proviso**

None

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	5,412,000				5,412,000

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

<b>Funding</b>					
Total	5,412,000	0	0	0	5,412,000
Future Fiscal Periods					
	2019-21	2021-23	2023-25	2025-27	
057-1 State Bldg Constr-State					
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000783

SubProject Title: Aladdin Plating

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Completes the cleanup of metals contamination in the soil and groundwater at the site started but not completed in 2007.

**Location**

City: Tacoma

County: Pierce

Legislative District: 027

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000783

SubProject Title: Aladdin Plating

Grant Recipient Organization: N/a

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	65,000				65,000
	<b>Total</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000784

SubProject Title: American Legion Memorial Park

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000784

SubProject Title: American Legion Memorial Park

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Removes arsenic contamination from soil in a popular public park in north Everett and would reduce the risk of exposure to children who play in this area.

**Location**

City: Snohomish

County: Snohomish

Legislative District: 044

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,534,000				1,534,000
	<b>Total</b>	<b>1,534,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,534,000</b>
<b>Future Fiscal Periods</b>						
		2019-21	2021-23	2023-25	2025-27	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 3000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 3000784

SubProject Title: American Legion Memorial Park

No Operating Impact

SubProject Number: 3000785

SubProject Title: Wiggums Park - Everett Housing Authority

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Removes arsenic contamination from soil in a popular public park in north Everett and reduce the risks of exposure to contamination for children who play in this area.

**Location**

City: Everett

County: Snohomish

Legislative District: 038

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	312,000				312,000
<b>Total</b>		<b>312,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>312,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

SubProjects

SubProject Number: 30000785

SubProject Title: Wiggums Park - Everett Housing Authority

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000786

SubProject Title: Viola Oursler Park - Everett

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

Project Summary

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

Project Description

Removes arsenic contamination from soil in a public park in north Everett and reduce the risks of arsenic exposure to children. This park is owned by the Everett Housing Authority and is used by low income and minority populations.

Location

City: Everett

County: Snohomish

Legislative District: 038

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000786

SubProject Title: Viola Oursler Park - Everett

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	929,000				929,000
	<b>Total</b>	<b>929,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>929,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000787

SubProject Title: Rayonier

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000787

SubProject Title: Rayonier

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Technical support, investigation and cleanup alternatives evaluation to prepare for cleanup phase for the Rayonier Mill Study Area.

**Location**

City: Port Angeles

County: Clallam

Legislative District: 024

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	134,000				134,000
	<b>Total</b>	<b>134,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>134,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000787

SubProject Title: Rayonier

No Operating Impact

SubProject Number: 30000788

SubProject Title: Reliable Steel

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Implementing interim cleanup action at the site that involves removal of underground storage tank and contaminated soil.

**Location**

City: Olympia

County: Thurston

Legislative District: 022

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	268,000				268,000
	<b>Total</b>	<b>268,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>268,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

SubProjects

SubProject Number: 30000788

SubProject Title: Reliable Steel

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000789

SubProject Title: Bellingham Bay Habitat Restoration

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

Project Summary

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

Project Description

Implements restoration projects at Mt. Baker Beach and East Fairhaven Shoreline; implements the Little Squalicum Creek Estuary Project; removes wood debris in the Nooksack Estuary; and shoreline restoration work on Whatcom Creek. Nearing completion.

Location

City: Bellingham

County: Whatcom

Legislative District: 042

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000789

SubProject Title: Bellingham Bay Habitat Restoration

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	70,000				70,000
	<b>Total</b>	<b>70,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000790

SubProject Title: Western Port Angeles Harbor

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000790

SubProject Title: Western Port Angeles Harbor

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Includes several source control projects related to soil, stormwater, surface water, and air emissions and their impacts on the Port Angeles harbor. The projects will trace the sources of contamination in the harbor.

**Location**

City: Unincorporated

County: Clallam

Legislative District: 024

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	810,000				810,000
	<b>Total</b>	<b>810,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>810,000</b>
<b>Future Fiscal Periods</b>						
		2019-21	2021-23	2023-25	2025-27	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000790

SubProject Title: Western Port Angeles Harbor

No Operating Impact

SubProject Number: 30000791

SubProject Title: Gas Works Park

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Regional background study for Lake Union in preparation for a cleanup action plan.

**Location**

City: Seattle

County: King

Legislative District: 043

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	250,000				250,000
	<b>Total</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

SubProjects

SubProject Number: 30000791

SubProject Title: Gas Works Park

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000792

SubProject Title: Oakland Bay

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

Project Summary

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

Project Description

Addresses results of 2008 sediment investigation indicating impaired habitat, accumulation of wood debris and elevated dioxins, furans and PAHs in Shelton Harbor and throughout the bay.

Location

City: Shelton

County: Mason

Legislative District: 035

Project Type

Grants

461 - Department of Ecology  
**Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000792

SubProject Title: Oakland Bay

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used  
 N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	407,000				407,000
	<b>Total</b>	<b>407,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>407,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000793

SubProject Title: Budd Inlet Source Control & Cleanup

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000793

SubProject Title: Budd Inlet Source Control & Cleanup

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Determine regional background sediment levels at Budd Inlet public beaches and access areas.

**Location**

City: Olympia

County: Thurston

Legislative District: 022

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	275,000				275,000
	<b>Total</b>	<b>275,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000793

SubProject Title: Budd Inlet Source Control & Cleanup

No Operating Impact

SubProject Number: 30000794

SubProject Title: Western WA University

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Funds the Science and Management of Contaminated Sites curriculum development and course at Huxley College of the Environment.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 040

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	20,000				20,000
<b>Total</b>		<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

SubProjects

SubProject Number: 30000794

SubProject Title: Western WA University

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000795

SubProject Title: AG Costs

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 8

Project Summary

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. The enacted 2016 Supplemental Capital Budget reduced three reappropriations for Puget Sound cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$5.4 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

Project Description

Assistant Attorney General support for Puget Sound projects -- negotiations to get sites under order in the Lower Duwamish Waterway; regulatory integration of water quality and toxic cleanup authorities to address source control issues; negotiations to establish natural resource damage orders.

Location

City: Statewide

County: Statewide

Legislative District: 098

Project Type

Grants

461 - Department of Ecology  
**Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:20AM

Project Number: 30000763

Project Title: 2015-17 RESTORED Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000795

SubProject Title: AG Costs

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	338,000				338,000
	<b>Total</b>	<b>338,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>338,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Clean Up Toxic Sites - Puget Sound</u>
<b>Project Number:</b>	<u>30000763</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.



**Ecology 2017-19 Biennial Budget Project List**  
**Toxics Cleanup Program**  
**Clean Up Toxics Sites - Puget Sound - Restored**  
**June 24, 2016**

*Purpose: The 2016 enacted Supplemental Capital Budget reduced three reappropriations for Clean Up Toxics Sites - Puget Sound projects to balance the Model Toxics Control Act (MTC) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request restores those reductions to keep important cleanup work moving forward in the 2017-19 Biennium. The list is a plan based on the best information available to Ecology. The plan may change as more information becomes available.*

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Site Address	City	Leg. District	Latitude	Longitude
1	Aladdin Plating	Aladdin Plating	Completes the cleanup of metals contamination in the soil and groundwater at the site started but not completed in	Cleanup / Post Closure Monitoring	Pierce	65,000	1657 Center Street	Tacoma	27	47.23403	-122.45726
2	American Legion Memorial Park	American Legion Memorial Park	Removes arsenic contamination from soil in a popular public park in north Everett and would reduce the risk of exposure to children who play in this area.	Cleanup / Post Closure Monitoring	Snohomish	1,534,000	1229 1st Street	Snohomish	44	47.91105	-122.097594
3	Wiggums Park - Everett Housing Authority	Wiggums Park - Everett Housing Authority	Removes arsenic contamination from soil in a popular public park in north Everett and reduce the risks of exposure to contamination for children who play in this area.	Cleanup / Post Closure Monitoring	Snohomish	312,000	2800 10th Street	Everett	38	48.00300694	-122.1925200
4	Viola Oursler Park - Everett	Viola Oursler Park - Everett	Removes arsenic contamination from soil in a public park in north Everett and reduce the risks of arsenic exposure to children. This park is owned by the Everett Housing Authority and is used by low income and minority populations.	Cleanup / Post Closure Monitoring	Snohomish	929,000	721 E Marine View Drive	Everett	38	48.00730916	-122.1884042
5	Rayonier	Rayonier	Technical support, investigation and cleanup alternatives evaluation to prepare for cleanup phase for the Rayonier Mill	Plan	Clallam	134,000	700 N Ennis	Port Angeles	24	48.11508	-123.40642
6	Reliable Steel	Reliable Steel	Implementing interim cleanup action at the site that involves removal of underground storage tank and contaminated soil	Cleanup / Post Closure Monitoring	Thurston	268,000	1218 West Bay Drive NW	Olympia	22	47.055435	-122.914228
7	Bellingham Bay Habitat Restoration	Bellingham Bay Habitat Restoration	Implements restoration projects at Mt. Baker Beach and East Fairhaven Shoreline; implements the Little Squalicum Creek Estuary Project; removes wood debris in the Nooksack Estuary; and shoreline restoration work on Whatcom Creek. Nearing completion.	Cleanup / Post Closure Monitoring	Whatcom	70,000	W Holy Street	Bellingham	42	48.75313	-122.48457
8	Western Port Angeles Harbor	Western Port Angeles Harbor	Includes several source control projects related to soil, stormwater, surface water, and air emissions and their impacts on the Port Angeles harbor. The projects will trace the sources of contamination in the harbor.	Study	Clallam	810,000	Western Port Angeles Harbor	Clallam	24	48.133101	-123
9	Gas Works Park	Gas Works Park	Regional background study for Lake Union in preparation for a cleanup action	Study	King	250,000	2000 N Northlake Way	Seattle	43	47.64693	-122.33434
10	Oakland Bay	Oakland Bay	Addresses results of 2008 sediment investigation indicating impaired habitat, accumulation of wood debris and elevated dioxins, furans and PAHs in Shelton Harbor and throughout the bay.	Study	Mason	407,000	Oakland Bay	Shelton	35	47.21252	-123.07841

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Site Address	City	Leg. District	Latitude	Longitude
11	Budd Inlet Source Control & Cleanup	Budd Inlet Source Control & Cleanup	Determine regional background sediment levels at Budd Inlet public beaches and access areas.	Plan	Thurston	275,000	Budd Inlet	Olympia	22	47.058611	-122.906944
12	Western WA University	Western WA University	Funds the Science and Management of Contaminated Sites curriculum development and course at Huxley College of the Environment.	Plan	Statewide	20,000	516 High Street	Bellingham	40	48.7392316	-122.4852741
13	AG Costs	AG Costs	Assistant Attorney General support for Puget Sound projects -- negotiations to get sites under order in the Lower Duwamish Waterway; regulatory integration of water quality and toxic cleanup authorities to address source control issues; negotiations to establish natural resource damage orders.	All	Statewide	338,000	Statewide	Statewide	Statewide	Statewide	Statewide
<b>Total 2017-19 Bond-backfill Request for Restored Projects</b>						<b>5,412,000</b>					
	Lower Duwamish		The request was decreased to balance funding with the staffing capacity between all investments in the LDW.			518,000					
	Custom Plywood		The 2017-19 new and delayed budget request would be sufficient for the project to proceed.			65,000					
	Jacobson Terminal		Current funding will get the project through next phase of cleanup. This additional funding is not requested to balance current funding with the staffing capacity.			1,308,000					
	Sinclair Dyes		Current funding is sufficient to complete the project.			10,000					
	Project Contingencies		Removed restored funding for new projects and emergent situations.			2,494,000					
<b>Estimated Bond-backfill for Restored Projects to match 2016 Supplemental</b>						<b>9,807,000</b>					

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description****What is the proposed project?**

As of June 2016, Ecology has identified about 260 contaminated sites awaiting cleanup, and roughly 650 sites are in the process of being cleaned up near the Puget Sound basin and surrounding shoreline. These numbers change frequently as site information is updated with new contaminated sites being identified, sites moving through cleanup, and sites being cleaned up.

Work will be done through a combination of direct actions by the state, contributions from potentially liable parties, and interagency agreements with affected local governments, resource agencies, and tribes. Incentives will be used to speed cleanup and encourage cooperative cleanups. The funding will be applied to sites that are abandoned, have non-compliant owners, or where funds are needed to advance emergent cleanup needs. This includes sites adjacent to critical and sensitive habitats; upland sites contributing to ongoing aquatic contamination; and a limited number of sites throughout Western Washington, outside the Puget Sound basin, where an unanticipated cleanup investment or emergency response is needed.

These cleanups continue to advance work in seven priority bays that implement the objectives of the Puget Sound Action Agenda, an action plan established after the Legislature created the Puget Sound Partnership to reverse Puget Sound's decline and restore it to health by 2020.

Attached is a prioritized list of projects that will be funded with this request. The projects have been reviewed and are ready to proceed according to the MTCA regulatory process.

MTCA's cleanup process informs project prioritization. Ecology's Toxics Cleanup Program guides all cleanup projects through MTCA's regulatory process and requirements, including those seeking state capital budget funding. MTCA requires all cleanup projects proceed through the following phases:

1. Assessment: All projects are prioritized based on human health and environmental risks. Cleanup projects address risks either from exposure to contaminated soil, contaminated groundwater and drinking water, contaminated marine water and sediment which pose human health risks from consuming fish and shellfish, toxic vapors, or a combination of the above.
2. Investigate: Remedial investigations define the nature, extent, and magnitude of contamination on all projects.
3. Study: Feasibility studies are conducted on all projects and include alternative analysis, cost-benefit analysis, long-term or life-cycle cost analysis, and cleanup technology preferences.
4. Plan: Information from the remedial investigation and feasibility study are included in a cleanup action plan that describes cleanup standards, methods, monitoring requirements, and schedule – including any time-critical elements.
5. Comment: The public is encouraged to review and comment on the projects' investigations, feasibility studies and cleanup plans during public comment periods.
6. Cleanup: Design, construction, operations, and monitoring of the cleanup. At this phase, projects are ready to proceed: They

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**Description**

are in construction; they have permits or are in the permitting process; their design is complete or underway; or they are under contract. A cleanup is complete when Ecology determines cleanup standards have been met.

In addition to projects being evaluated according to the MTCA regulatory process, the project list is prioritized based on:

1. Continuing investments at sites with ongoing cleanup projects.

In 2013, there were significant changes made to MTCA. Among them, was direction for Ecology to plan hazardous site cleanup at a pace that matches the estimated cash resources in the MTCA accounts. (RCW 70.105D.170) Cleanups can take many years once a site has been contaminated with toxic chemicals. Three major factors determine the length of time for cleanup: the regulatory process used (formal versus independent cleanup); the nature of the contaminants (how difficult they are to remediate); and the type of contaminated media (soil, groundwater, sediments, etc.) Ecology established an ideal target for achieving site cleanup within five years; and has been actively working toward this target by employing model remedies and developing tools and policies to help achieve cleanup faster.

Financial certainty for cleanup project development is critical to ensure existing projects are completed as envisioned, and new projects can be planned and designed to maximize environmental and public health improvements and economic development opportunities. The MTCA revenue decline that resulted in cleanup project delays in the 2015-17 Biennium created uncertainties for public funding. Despite Department of Revenue's Hazardous Substance Tax (HST, MTCA's major revenue source) forecasts projecting a recovery in the next few years, delays in HST revenue recovery will continue to restrain cleanup projects funded with MTCA. For 2017-19, eight existing projects are proposed for continuing through cleanup and there are only two new projects identified on the prioritized list.

2. Applying the enacted 2015-17 biennial capital budget criteria for prioritizing cleanups outlined in Second Engrossed House Bill 1115 - Section 7038 and the MTCA Cash Management Plan.

Section 7038 (3) authorized Ecology to delay the start of cleanup projects based on acuity of need, readiness to proceed, cost-efficiency, or need to ensure geographic distribution. Ecology used this authority in the 2015-17 Biennium to guide project priority and followed the same criteria for prioritizing the 2017-19 biennial budget request.

3. Where groups of projects have met all of the same Section 7038 criteria, projects are ranked based on Ecology's regional and program priorities and staff capacity to oversee the cleanup. A recovered economy is delivering a record number of cleanup sites to Ecology to review and act on – from 200-300 per year on average, to over 400 in 2015 – but there is no MTCA funding to support additional cleanup project oversight. Economic conditions require Ecology to maintain the current work force and find ways to manage work load while continuing existing cleanup priorities.

4. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects to further refine prioritization. This includes the construction stage of projects, schedule changes, whether permits are in hand, if projects are ready to bid, if projects leverage partnerships, and if projects have already incurred eligible costs.

**What opportunity or problem is driving this request?****The reason for the project:**

Cleaning up and protecting Puget Sound is critical to the social and economic well-being of Washingtonians. Decades of industrial, municipal, and naturally occurring pollution have taken their toll on the condition and ecology of Puget Sound. Without intervention now, the condition of Puget Sound will most certainly continue to deteriorate. Although the state has made progress addressing the most highly contaminated areas of the Sound, other impacted areas are left unchecked. This request will help restore environmental and economic vitality to the state by focusing comprehensive cleanup on remaining contaminated sites impacting Puget Sound.

**The effects of non-funding:**

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**Description**

State investment significantly contributes to cleanup progress in Washington, and it makes a direct, beneficial impact on human health and the environment. Without funding, these benefits would not be achieved. The economic, health, and environmental impacts would largely be felt in areas in or immediately adjacent to Puget Sound. Also, the cleanup progress in Washington and Puget Sound would not advance at the accelerated rate expected by the Governor and Legislature.

**How does the project support the agency and statewide results?**

This project is essential to implementing a priority in Ecology's strategic plan by supporting the priority to Prevent and Reduce Toxic Threats. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

This request is essential to support the Governor's budget and economic priorities by investing funds to protect public health and natural resources. This request will also support Results Washington Goal 3, Sustainable Energy and a Clean Environment by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and wildlife resources. Specifically:

Goal 3/Goal Topic/Sub-Topic: Sustainable Energy and a Clean Environment/Clean and Restored Environment *Keep our land, water and air clean/Healthy Lands*

Outcome Measure 3.1 – Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020.

Leading Indicator 3.1.a – Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016.

This work also supports Goal 2, Prosperous Economy by creating and supporting jobs and making it possible to redevelop previously contaminated land to support economic growth in communities.

This request also supports Puget Sound Action Agenda implementation through the following strategies:

Strategy 21 Address and Clean Up Cumulative Water Pollution Impacts in Puget Sound, substrategy 21.2 Clean Up Contaminated Sites Within and Near Puget Sound. This request relates to the Puget Sound Action Agenda strategy and substrategy by reducing and controlling the sources of pollution. Ecology's work to cleanup areas contaminated with hazardous substances returns a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem. Ecology's focused work in Puget Sound will be accomplished by making direct state investments, using contributions by potentially liable parties, and entering interagency agreements with affected local governments and resource agencies.

Strategy 10 Use a Comprehensive Approach to Manage Urban Stormwater Runoff at the Site and Landscape Scales, substrategy 10.3 Fix Problems Caused by Existing Development, regional priority 10.3-2 Provide Infrastructure and Incentives to Accommodate Redevelopment Within Designated Urban Centers in Urban Growth Areas. This request relates to the Puget Sound Action Agenda sub-strategy and regional priority by cleaning up previously contaminated sites so they can be redeveloped, which promotes revitalization and economic growth in urban areas.

**What are the specific benefits of this project?**

This work will benefit Washingtonians by achieving the much sought after economic and social benefits of a clean, restored Puget Sound. Specifically, benefits of this request include:

- Cleaning up contaminated sites.
- Reduce exposure of hazardous substances to the environment and public as work progresses on these sites.
- Economic redevelopment as abandoned sites move forward through the cleanup process.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**Description**

- Continued cleanup and restoration of Puget Sound.

This project will also provide economic benefits to the state by creating up to 118 jobs during the next two years, based on Office of Financial Management estimates.

**How will clients be affected and services change if this project is funded?**

This request continues ongoing efforts and will result in local cleanups and land redevelopment. Cleaning up contaminated property is usually integrated with economic development, habitat restoration, and public recreation projects. Most cleanup projects are the first phase of a larger community or economic redevelopment project where the cleanup site is the focal point of the project.

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

These cleanup projects are part of the Puget Sound Initiative, which is a collaborative effort by local, tribal, state, and federal governments; business; agricultural and environmental interests; and the public to help preserve and protect Puget Sound. The projects funded by this request may involve port districts and other local government agencies, whose cleanup projects are considered for eligibility under the Remedial Action Grant Program.

**What is the impact on the state operating budget?**

None

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

One of Ecology's three environmental goals is to clean up pollution, and the Clean Up Toxic Sites – Puget Sound program is an integral part of cleaning up the worst contaminated sites to protect and improve the lives of people and the environment. This is an ongoing project supported by and worked with stakeholders. It has traditionally received MTCA funding. Revenue projections for the MTCA accounts in the 2017-19 Biennium are not enough to support new capital projects, so Ecology is requesting State Building Construction Account (SBCA) funding to support this important work in 2017-19. Funding with bonds is the best option because it will continue cleanup investments that protect human health and natural resources, and support economic redevelopment in Washington.

**What is the agency's proposed funding strategy for the project?**

Traditionally, Clean Up Toxic Sites – Puget Sound has been funded with MTCA funding. The Hazardous Substance Tax (HST) is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. The MTCA fund balances cannot support new appropriation requests for toxic site cleanup. Projected negative balances in the MTCA accounts in the 2017-19 Biennium mean no MTCA funding can be requested for new cleanup projects. Ecology requests funding from the SBCA to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**Description**

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.

- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.

- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).

- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.

- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

Ecology considered several alternatives to address the MTCA revenue shortfall. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology's ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also preserved investments in cleanup. For toxic site cleanup, the SBCA was used to backfill MTCA transfers. This provided funding for existing projects and invested in new toxic site cleanups. Now, the economy is in a growth period – the very time when toxic site cleanup is affordable and interest in redevelopment is high. Providing SBCA funding will allow important, ready-to-proceed cleanup projects to move forward.

Ecology requests \$20.1 million from the SBCA in new funding for projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. This will allow important cleanup work to continue on July 1, 2017.

Note: The total amount being requested in bond funding for 2017-19 Puget Sound cleanup projects is \$30 million, which includes this \$20.1 million in new funding to start or continue the next phase of projects, \$5.4 million to restore reductions from the 2016 Supplemental Budget, and \$4.4 million for projects delayed due to the MTCA revenue shortfall in reappropriation 30000542. Traditional new investments in Puget Sound cleanup projects have averaged around \$26.6 million a biennium over the last three biennia.

**Proviso**

None

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**Description**

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used  
N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	140,140,000				20,140,000
	<b>Total</b>	<b>140,140,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,140,000</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	30,000,000	30,000,000	30,000,000	30,000,000
	<b>Total</b>	<b>30,000,000</b>	<b>30,000,000</b>	<b>30,000,000</b>	<b>30,000,000</b>

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000773

SubProject Title: EPA O & M



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000773

SubProject Title: EPA O & M

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

Legal requirement. Ecology, in support of EPA, assumed interim responsibility for conducting the operation and maintenance of the Wyckoff groundwater extraction and treatment system while EPA completed its work on first draft Focused Feasibility Study for Wyckoff Point in 2012. Ecology continues operating the groundwater extraction and treatment plant per an EPA superfund contract obligation. Project also includes annual inspection at American Crossarm to ensure soil cap still provides containment and ongoing groundwater monitoring at Frontier Hardchrome.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,366,000				2,366,000
	<b>Total</b>	<b>2,366,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,366,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000773

SubProject Title: EPA O & M

No Operating Impact

SubProject Number: 30000774

SubProject Title: Lower Duwamish Waterway Source Control and Cleanup

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

This Lower Duwamish Waterway site is an active 5 mile stretch of an industrial waterway located along the Green River which flows into Elliott Bay in Seattle. Historic industrial and residential activities resulted in soil, groundwater, surface water and sediment with elevated concentrations of contaminants that pose a risk to human health, aquatic life and the environment.

Multiple interim actions have been implemented to remove contaminated soil and sediment throughout the site. Additional funds are needed to complete source tracing and adequate source control so in-water cleanup can proceed. Pilot cleanup studies, the design and cleanup construction for the remaining areas of the site need to be completed. This work will protect human health and the environment from harm.

**Location**

City: Seattle

County: King

Legislative District: 034

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000774

SubProject Title: Lower Duwamish Waterway Source Control and Cleanup

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	4,400,000				4,400,000
	<b>Total</b>	<b>4,400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,400,000</b>

Future Fiscal Periods

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000775

SubProject Title: Lakewood Ponders

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

Perchorethylene (PCE) from the Lakewood Ponders dry cleaners contaminated the Lakewood Water District's supply wells. PCE spilled onto the soil and migrated into the groundwater. EPA removed as much source material as practicable. However, PCE trapped in a silt layer at depth continues to release low levels of PCE into groundwater. Currently, the Water District treats the drinking water and removes the PCE prior to distribution to the public. However, the treatment system needs upgrades because the current system has nearly reached its expected useful life.

**Location**

City: Lakewood

County: Pierce

Legislative District: 029

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000775

SubProject Title: Lakewood Ponders

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,800,000				1,800,000
	<b>Total</b>	<b>1,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,800,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000776

SubProject Title: Lilyblad

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000776

SubProject Title: Lilyblad

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

Continue cleanup activities at the Lilyblad Petroleum site in Tacoma. The project funding would support implementation of the cleanup action plan on the most contaminated part of the site. The cleanup action plan includes dual phase extraction well treatment and treatment of contaminated groundwater extracted. The cleanup action plan would also prevent contaminated groundwater from migrating toward the Blair Waterway. Groundwater, vapor, and soil sampling are included to optimize treatment.

**Location**

City: Tacoma

County: Pierce

Legislative District: 027

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	382,000				382,000
	<b>Total</b>	<b>382,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>382,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000776

SubProject Title: Lilyblad

No Operating Impact

SubProject Number: 30000777

SubProject Title: Circle K Station 1461

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

This leaking underground petroleum storage tank site is located within a Seattle residential neighborhood. This source of contamination originated from an operated retail gasoline station where a release of petroleum to soil and groundwater occurred. The petroleum plume has extended off-property beneath adjacent streets and residential property.

Interim actions have been implemented and partially addressed contaminated soil and groundwater throughout the highest level of contamination at the site. Additional funds are needed to complete cleanup studies and cleanup construction for the remaining areas of the site. This work will protect human health and the environment from harm.

**Location**

City: Seattle

County: King

Legislative District: 043

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000777

SubProject Title: Circle K Station 1461

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	3,300,000				3,300,000
	<b>Total</b>	<b>3,300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,300,000</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000778

SubProject Title: Lower Duwamish Waterway Slivers

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000778

SubProject Title: Lower Duwamish Waterway Slivers

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

This Lower Duwamish Waterway site is an active 5 mile stretch of an industrial waterway located along the Green River which flows into Elliott Bay in Seattle. When this portion of the meandering river was straightened and deepened to be used as an industrial waterway, it created several slivers of land that the Port of Seattle was directed to manage for industrial use. Historic industrial activities resulted in soil, groundwater, surface water and sediment contamination. The 'slivers' were impacted with elevated concentrations of contaminants that pose a risk to human health, aquatic life and the environment.

Remedial actions have been implemented to determine where contaminated soil and sediment throughout these slivers have impacted the Lower Duwamish Waterway site. Additional funds are needed to complete source tracing, adequate source control so in-water cleanup can proceed. Pilot cleanup studies, the design and cleanup construction for the remaining areas of the site, need to be completed. This work will protect human health and the environment from harm.

**Location**

City: Seattle

County: King

Legislative District: 034

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapps	New Approps
057-1	State Bldg Constr-State	3,300,000				3,300,000
	<b>Total</b>	<b>3,300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,300,000</b>



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

SubProjects

SubProject Number: 30000778

SubProject Title: Lower Duwamish Waterway Slivers

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000779

SubProject Title: Everett Lowland Areas and Upland Port of Everett Remediation

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

Project Summary

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

The Asarco smelter, which operated in the early 1900s, caused widespread arsenic and lead contamination. There are two areas impacted by the Everett smelter operations – the residential uplands area on the west side of the site, and the industrial lowlands area east of Marine View Drive, bordering the Snohomish River. Ecology recently completed a Supplemental Remedial Investigation and a Feasibility Study in the lowlands area.

In addition to contamination left behind on the old smelter property, particles from the smokestacks settled on the surrounding areas, contaminating soil. Ecology found six metals above the state cleanup levels in the uplands area, including: arsenic, lead, cadmium, antimony, mercury, and thallium. Soil is only removed from areas where people may come into contact with it. Ecology is now working with the City of Everett and property owners to clean up the rest of the properties impacted by the former smelter. Since 2011, the project has sampled more than 400 properties and cleaned up over 300 residential properties.

The contaminants are harmful and may pose a long-term health risk. Additional funds are needed to complete cleanup studies and construction for the remaining areas of the site. This work will protect human health and the environment from harm. The Everett portion of the Cleanup Settlement Account is expected to be depleted in the 2017-19 biennium. This funding covers additional cleanup not in the settlement.

Location

City: Everett

County: Snohomish

Legislative District: 038

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

**Project Type**

SubProject Number: 30000779

SubProject Title: Everett Lowland Areas and Upland Port of Everett Remediation

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Approps
057-1	State Bldg Constr-State	2,750,000				2,750,000
	<b>Total</b>	<b>2,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,750,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000780

SubProject Title: Budd Inlet Source Control & Cleanup

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000780

SubProject Title: Budd Inlet Source Control & Cleanup

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

In 2008, Ecology launched an investigation of Budd Inlet through the Puget Sound Initiative. Historic wood treating and timber related industries along Budd Inlet caused sediment contamination. Primary contaminants of concern include dioxins and carcinogenic polyromantic hydrocarbons (cPAHs). Before active sediment cleanup can begin, the project must identify and control any active contamination sources to Budd Inlet. This prevents recontamination of the sediments after cleanup. Additionally this project will determine a regional background level of contamination for Budd Inlet and examine cleanup options.

**Location**

City: Olympia

County: Thurston

Legislative District: 022

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	550,000				550,000
	<b>Total</b>	<b>550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000780

SubProject Title: Budd Inlet Source Control & Cleanup

**Operating Impacts**

No Operating Impact

SubProject Number: 30000781

SubProject Title: Required Puget Sound Public Involvement/Tribal Engagement

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

Necessary tribal and stakeholder engagement including require public notice periods for review of proposed agreement and draft cleanup documents. Includes production of public comment periods as well as essential coordination and agreement building with tribes with regard to environmental cleanup for upland and sediment cleanups. This includes work conducted for priority baywide cleanups to meet Puget Sound Initiative 2020 goals and other cleanup/restoration work affecting the health of people and the environment in the Puget Sound area.

This funding also supports public notice for voluntary cleanup program and delisting. This funding supports tribal and stakeholder engagement in planning and implementation of required public comment periods, development of information and communication essential to supporting tribes and for conducting tribal engagement and stakeholder involvement decision making processes for cleanup and restoration.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000781

SubProject Title: Required Puget Sound Public Involvement/Tribal Engagement

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	192,000				192,000
	<b>Total</b>	<b>192,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>192,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000782

SubProject Title: Mount Baker Properties Cleanup Site

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000782

SubProject Title: Mount Baker Properties Cleanup Site

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

The site is located along South McCellan Street between Martin Luther King Way South and 29th Avenue South in Seattle. Historic auto repair facilities and a dry cleaner operations released chlorinated solvents affecting soil, groundwater and indoor air in business and residential properties. Additional funds are needed to complete cleanup studies and interim cleanup construction for the remaining areas of the site. This work will protect human health and the environment from harm. Once this commercial area is cleaned up, the responsible party is planning to create quality affordable transit-oriented housing and supporting the local residents.

**Location**

City: Seattle

County: King

Legislative District: 037

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,100,000				1,100,000
	<b>Total</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

SubProject Number: 30000782

SubProject Title: Mount Baker Properties Cleanup Site

Operating Impacts

No Operating Impact

SubProject Number: 30000917

SubProject Title: Clean Up Toxic Sites – Puget Sound Ten Year Financing Plan

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 17

**Project Summary**

A significant source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. This request for \$20.1 million in funding will support projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

Ten Year Financing Plan.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	120,000,000				
	<b>Total</b>	<b>120,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 1:14PM

Project Number: 30000749

Project Title: Clean Up Toxic Sites – Puget Sound

**SubProjects**

---

SubProject Number: 30000917

SubProject Title: Clean Up Toxic Sites – Puget Sound Ten Year Financing Plan

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	30,000,000	30,000,000	30,000,000	30,000,000
	<b>Total</b>	<b>30,000,000</b>	<b>30,000,000</b>	<b>30,000,000</b>	<b>30,000,000</b>

**Operating Impacts**

No Operating Impact

---



## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Clean Up Toxic Sites - Puget Sound</u>
<b>Project Number:</b>	<u>30000749</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**2017-19 Biennial Budget Project List**  
**Toxics Cleanup Program**  
**Clean Up Toxics Sites - Puget Sound - New**  
**June 24, 2016**

Purpose: This list provides project details about the 2017-19 Clean Up Toxics Sites - Puget Sound budget request. This list represents additional cleanup projects that are underway and need additional funding to continue the cleanup for ready to proceed projects. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available.

Rank	Recipient EPA O & M	Project EPA O & M	Description	Phase of Cleanup Cleanup / Post Closure Monitoring	County Puget Sound Wide	Amount \$	Site Address Puget Sound Wide	City Puget Sound Wide	Leg. District Puget Sound Wide	Latitude Puget Sound Wide	Longitude Puget Sound Wide
1	EPA O & M	EPA O & M	Legal requirement. Ecology, in support of EPA, assumed interim responsibility for conducting the operation and maintenance of the Wyckoff groundwater extraction and treatment system while EPA completes its work on first draft Focused Feasibility Study for Wyckoff Point in 2012. Ecology continues operating the groundwater extraction and treatment plant per an EPA superfund contract obligation. Project also includes annual inspection at American Crossarm to ensure soil cap still provides containment and ongoing groundwater monitoring at Frontier Hardchrome.	Cleanup / Post Closure Monitoring	Puget Sound Wide	\$ 2,365,700	Puget Sound Wide	Puget Sound Wide	Puget Sound Wide	Puget Sound Wide	Puget Sound Wide
2	Lower Duwamish Waterway Source Control and Cleanup	Lower Duwamish Waterway Source Control and Cleanup	This Lower Duwamish Waterway site is an active 5 mile stretch of an industrial waterway located along the Green River which flows into Elliott Bay in Seattle. Historic industrial and residential activities resulted in soil, groundwater, surface water and sediment with elevated concentrations of contaminants that pose a risk to human health, aquatic life and the environment.  Multiple interim actions has been implemented to remove contaminated soil and sediment throughout the site. Additional funds are needed to complete source tracing and adequate source control so in-water cleanup can proceed. Pilot cleanup studies, the design and cleanup construction for the remaining areas of the site need to be completed. This work will protect human health and the environment from harm.	Cleanup / Post Closure Monitoring	King	\$ 4,400,000	Lower Duwamish Waterway	Seattle	34	47.567442	-122.347858
3	Lakewood Ponders	Lakewood Ponders	Perchloroethylene (PCE) from the Lakewood Ponders dry cleaners contaminated the Lakewood Water District's supply wells. PCE spilled onto the soil and migrated into the groundwater. EPA removed as much source material as practicable. However, PCE trapped in a silt layer at depth continues to release low levels of PCE into groundwater. Currently the Water District treats the drinking water and removes the PCE prior to distribution to the public. However, the treatment system needs upgrades because the current system has nearly reached its expected useful life.	Cleanup / Post Closure Monitoring	Pierce	\$ 1,800,000	15 & New York Avenue	Lakewood	29	47.1411	-122.51438
4	Lilyblad	Lilyblad	Continue cleanup activities at the Lilyblad Petroleum site in Tacoma. The project funding would support implementation of the cleanup action plan on the most contaminated part of the site. The cleanup action plan includes dual phase extraction well treatment and treatment of contaminated groundwater extracted. The cleanup action plan would also prevent contaminated groundwater from migrating toward the Blair Waterway. Groundwater, vapor, and soil sampling are included to optimize treatment.	Cleanup / Post Closure Monitoring	Pierce	\$ 382,000	2244 Port of Tacoma Road	Tacoma	27	47.2594	-122.3925
5	Circle K Station 1460	Circle K Station 1461	This leaking underground petroleum storage tank site is located within a Seattle residential neighborhood. This source of contamination originated from an operated retail gasoline station were a release of petroleum to soil and groundwater occurred. The petroleum plume has extended off-property beneath adjacent streets and residential property.  Interim actions has been implemented and partially addressed contaminated soil and groundwater throughout the highest level of contamination at the site. Additional funds are needed to complete cleanup studies and cleanup construction for the remaining areas of the site. This work will protect human health and the environment from harm.	Cleanup / Post Closure Monitoring	King	\$ 3,300,000	2350 24th Avenue E	Seattle	43	47.63977	-122.303267

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Site Address	City	Leg. District	Latitude	Longitude
6	Lower Duwamish Waterway Silvers	Lower Duwamish Waterway Silvers	This Lower Duwamish Waterway site is an active 5 mile stretch of an industrial waterway located along the Green River which flows into Elliott Bay in Seattle. When this portion of the meandering river was straightened and deepened to be used as an industrial waterway, it created several silvers of land that the Port of Seattle was directed to manage for industrial use. Historic industrial activities resulted in soil, groundwater, surface water and sediment contamination. The silvers were impacted with elevated concentrations of contaminants that pose a risk to human health, aquatic life and the environment.  Remedial actions has been implemented to determine were contaminated soil and sediment throughout these silvers have impacted the Lower Duwamish Waterway site. Additional funds are needed to complete source tracing, adequate source control so in-water cleanup can proceed. Pilot cleanup studies, the design and cleanup construction for the remaining areas of the site need to be completed. This work will protect human health and the environment from harm.	Cleanup / Post Closure Monitoring	King	\$ 3,300,000	Lower Duwamish Waterway	Seattle	34	47.567442	-122.347858
7	Everett Lowland Areas and Upland Port of Everett Remediation	Everett Lowland Areas and Upland Port of Everett Remediation	The Asarco smelter, which operated in the early 1900s, caused widespread arsenic and lead contamination. There are two areas impacted by the Everett smelter operations – the residential uplands area on the west side of the site, and the industrial lowlands area east of Marine View Drive, bordering the Snohomish River. Ecology recently completed a Supplemental Remedial Investigation and a Feasibility Study in the lowlands area.  In addition to contamination left behind on the old smelter property, particles from the smokestacks settled on the surrounding areas, contaminating soil. Ecology found six metals above the state cleanup levels in the uplands area, including: arsenic, lead, cadmium, antimony, mercury, and thallium. Soil is only removed from areas where people may come into contact with it. Ecology is now working with the City of Everett and property owners to clean up the rest of the properties impacted by the former smelter. Since 2011, the project has sampled more than 400 properties and cleaned up over 300 residential properties.  The contaminants are harmful and may pose a long-term health risk. Additional funds are needed to complete cleanup studies and construction for the remaining areas of the site. This work will protect human health and the environment from harm. The Everett portion of the Cleanup Settlement Account is expected to be depleted in the 2017-19 biennium. This funding covers additional cleanup not in the settlement.	Cleanup / Post Closure Monitoring	Snohomish	\$ 2,750,000	Multiple	Everett	38	48.00989	-122.19228
8	Budd Inlet Source Control & Cleanup	Budd Inlet Source Control & Cleanup	In 2008, Ecology launched an investigation of Budd Inlet through the Puget Sound Initiative. Historic wood treating and timber related industries along Budd Inlet caused sediment contamination. Primary contaminants of concern include dioxins and carcinogenic polycyclic aromatic hydrocarbons (PAHs). Before active sediment cleanup can begin, the project must identify and control any active contamination sources to Budd Inlet. This prevents recontamination of the sediments after cleanup. Additionally this project will determine a regional background level of contamination for Budd Inlet and examine cleanup options.	Plan	Thurston	\$ 550,000	Budd Inlet	Olympia	22	47.058611	-122.906944
9	Required Puget Sound Public Involvement/Tribal Engagement	Required Puget Sound Public Involvement/Tribal Engagement	Necessary tribal and stakeholder engagement including require public notice periods for review of proposed agreement and draft cleanup documents. Includes production of public comment periods as well as essential coordination and agreement building with tribes with regard to environmental cleanup for upland and sediment cleanups. This includes work conducted for priority baywide cleanups to meet Puget Sound Initiative 2020 goals and other cleanup/restoration work affecting the health of people and the environment in the Puget Sound area.  This funding also supports public notice for voluntary cleanup program and delisting. This funding supports tribal and stakeholder engagement in planning and implementation of required public comment periods, development of information and communication essential to supporting tribes and for conducting tribal engagement and stakeholder involvement decision making processes for cleanup and restoration.	Plan	Puget Sound Wide	\$ 192,500	Puget Sound Wide	Puget Sound Wide	Puget Sound Wide	Puget Sound Wide	Puget Sound Wide

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Site Address	City	Leg. District	Latitude	Longitude
10	Mount Baker Properties Cleanup Site	Mount Baker Properties Cleanup Site	The site is located along South McCellan Street between Martin Luther King Way South and 29th Avenue South in Seattle. Historic auto repair facilities and a dry cleaner operations released chlorinated solvents affecting soil, groundwater and indoor air in business and residential properties. Additional funds are needed to complete cleanup studies and interim cleanup construction for the remaining areas of the site. This work will protect human health and the environment from harm. Once this commercial area is cleaned up, the responsible party is planning to create quality affordable transit-oriented housing and supporting the local residents.	Cleanup / Post Closure Monitoring	King	\$ 1,100,000	South McCellan and Martin Luther King Jr. Way	Seattle	37	47.578601	-122.295385
<b>Total 2017-19 Request for New Projects</b>						<b>\$ 20,140,200</b>					

**Department of Ecology  
2017-2019 Capital Budget**

**Table of Contents**

**Tab D-3 Deliver Integrated Water Solutions**

1. 30000710 Water Pollution Control Revolving Program .....	383
2. 30000797 Restored Stormwater Financial Assistance.....	389
3. 30000706 Floodplains by Design .....	405
4. 30000796 Stormwater Financial Assistance Program.....	411
5. 30000705 Centennial Clean Water Program .....	419
6. 30000712 Columbia River Water Supply Development Program .....	425
7. 30000711 Yakima River Basin Water Supply.....	463
8. 30000673 Sunnyside Valley Irrigation District Water Conservation .....	483
9. 30000714 Watershed Plan Implementation and Flow Achievement.....	497
10. 30000740 Water Irrigation Efficiencies Program.....	505

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:24PM

Project Number: 30000710

Project Title: Water Pollution Control Revolving Program

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 7

**Project Summary**

Congress established the Clean Water State Revolving Fund (CWSRF) under Title VI of the Federal Clean Water Act to capitalize state-run, low-interest loan programs to finance water quality facilities and activities. The Washington State Water Pollution Control Revolving Account or Clean Water State Revolving Fund (SRF), established under chapter 90.50A RCW, implemented the loan program to provide low-interest loans to local governments, special purpose districts, and federally recognized tribes for high priority water quality projects statewide. Ecology uses these funds to finance planning, designing, acquiring, constructing, and improving water pollution control facilities and for related nonpoint source activities that help meet state and federal water pollution control requirements. Ecology is requesting \$210 million in appropriation to continue essential work through this loan program. Related to Puget Sound Action Agenda implementation. (Water Pollution Control Revolving Account)

**Project Description****What is the proposed project?**

Ecology administers the SRF loan program to help local governments, special purpose districts, and federally recognized tribes improve and protect water quality. Each year, Ecology accepts loan applications from cities, counties, special purpose districts (e.g., sewer districts), tribes, and conservation districts seeking financial help to improve or protect water quality in their communities. Ecology makes loans available through a statewide, competitive rating and ranking process. Since its creation in 1989, the SRF program has loaned more than \$1.6 billion to public entities. The SRF is by far the largest source of low-interest loan funds Washington State government has dedicated to environmental protection. The work accomplished through SRF loans is an integral and essential part of the state's strategy to reduce pollution of our marine waters, estuaries, lakes, rivers, and groundwater.

This request includes appropriation for:

- \$50 million from the Water Pollution Control Revolving Account – Federal (Fund 727–2) for new federal capitalization grants.
- \$160 million from the Water Pollution Control Revolving Account – State (Fund 727–1) from loan and interest repayments and a state match. Ecology will request the required state matching funds through a Treasurer's Transfer from the State Taxable Building Construction Account.

**What opportunity or problem is driving this request?****The reason for the project:**

A number of ongoing and emerging issues drive Washington State water quality funding needs. Ecology works with its clients and stakeholders to help ensure financial assistance programs meet water quality needs by providing loans that address:

- Aging wastewater infrastructure.
- Water quality cleanup plans required under the Federal Clean Water Act.
- Advanced wastewater treatment to meet designated uses of the receiving water.
- Reclamation/reuse of wastewater.
- Stormwater control and treatment.
- Nonpoint pollution from agricultural, forested, and urban areas.
- Failing on-site sewage systems.
- Water quality needs of financially distressed communities.

Ecology awards SRF loans to local governments, special purpose districts, and federally recognized tribes. The following

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:24PM

Project Number: 30000710

Project Title: Water Pollution Control Revolving Program

**Description**

funding split established by chapter 173–98 WAC (Uses and Limitations of the Water Pollution Control Revolving Fund) creates three broad categories for SRF projects:

- 75 percent of the money is for planning, design, or construction of water pollution control facilities. These facilities can include wastewater treatment plants; facilities to reduce combined sewer overflows; sewer mains; stormwater control projects; and other water pollution control facilities.

- 20 percent of the funding is for nonpoint source pollution projects statewide, including conservation and nonpoint pollution management projects in federally designated estuaries of Puget Sound and the lower Columbia River. Nonpoint pollution sources enter the state's waters from dispersed, rather than point, sources. For example, surface water run-off from agricultural lands, urban areas, or forest lands are nonpoint sources.

- 5 percent is set aside for stormwater and wastewater facility preconstruction projects to ensure funding is available for critical facility planning and design, particularly for small, financially challenged communities.

The SRF program is the nation's largest federal funding source for water quality improvement and protection projects. The successful partnership between the Environmental Protection Agency (EPA) and the states allows federal and state agencies to stretch the limited dollars available for water quality infrastructure. The 2012 EPA Clean Watersheds Needs Survey estimates the needs for funding water quality infrastructure projects over a 20-year period at more than \$4.0 billion for Washington State (<https://www.epa.gov/cwns/clean-watersheds-needs-survey-cwns-2012-report-and-data>). This estimate includes only well-documented facility construction focused needs and does not include the costs associated with addressing nonpoint pollution, including stormwater retrofit needs. If needs were extrapolated to include all the undocumented communities and nonpoint source needs, the figure would be significantly higher.

Continued funding and support for the SRF program is critical for helping Washington State's local governments, special purpose districts, and recognized tribes update and improve water quality infrastructure and implement associated water quality projects focused on protecting and improving water quality and public health.

**The effects of non-funding:**

If this request is not funded, federal capitalization grant funding would be lost. Local governments, special purpose districts, and federally recognized tribes throughout the state would not receive low-interest loans to finance local or regional water quality infrastructure projects in their communities. The SRF is often the only affordable funding option available to small communities to address failing water quality infrastructure. The jobs, water quality, and public health improvements associated with \$210 million in infrastructure and nonpoint source funding would not materialize.

**How does the project support the agency and statewide results?**

This request is essential to implementing strategic priorities in Ecology's strategic plan, because SRF projects:

- *Protect and Restore Puget Sound* by preventing untreated wastewater and stormwater from being discharged into the Sound. The Fiscal Year 2017 Intended Use Plan (IUP) includes 17 projects totaling \$78 million in assistance to projects in Puget Sound Water Resource Inventory Areas 1-19.

- *Prevent and Reduce Toxic Threats and Deliver Integrated Water Solutions* by decreasing fecal coliform bacteria and toxics such as polychlorinated biphenyls (PCBs) and pharmaceuticals from being discharged into Washington waters. This is accomplished through properly treating wastewater and stormwater and projects that reduce nonpoint sources of pollution and nutrient discharges.

- *Reduce and Prepare for Climate Impacts* through encouraging and funding energy efficiencies and sustainable practices. SRF promotes energy and water efficiencies through its competitive scoring process and provides incentives in the form of forgivable principal loans (loans that don't have to be paid back) for projects that include these Green Project Reserve (GPR) elements.



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:24PM

Project Number: 30000710

Project Title: Water Pollution Control Revolving Program

**Description**

The Fiscal Year 2016 IUP includes nearly \$8 million to fund green infrastructure technologies and energy efficiency. Also, all SRF facility design or construction projects are required to conduct an investment grant efficiency audit to identify energy and water efficiency and conservation measures.

This request provides essential support to the Governor's Results Washington Goal 3, Sustainable Energy and a Clean Environment, by providing loans for high priority water quality projects statewide. SRF loan funded projects help local entities reduce the pollution of our lakes, rivers, marine waters, and estuaries, and help protect groundwater and streams. SRF also provides incentives in the form of forgivable principal loans (loans that don't have to be paid back) for projects that include Green Project Reserve elements.

This request is essential to support the Governor's Results Washington Goal 5, Efficient, Effective, and Accountable Government. Ecology's SRF program was part of an Ecology-wide Lean effort in 2012 to streamline grant and loan processes. The Lean effort supported a major information technology project to develop an online grant and loan management system called EAGL, Ecology Administration of Grants and Loans. EAGL implements consistent, streamlined processes and workflows that were identified through the Lean effort.

The SRF loan program supports the Governor's Results Washington Goal 2, Prosperous Economy by promoting policies and opportunities to grow jobs. State financial managers calculate that approximately 11 jobs in Washington are created for every \$1 million spent for construction and design. The program also helps communities build well-functioning and sustainable clean water infrastructure that supports local economies.

This request supports Puget Sound Action Agenda implementation through sub-strategy 10.1, Managing urban runoff at the basin and watershed by providing funding to local governments through the Clean Water SRF Program and directly supports regional priorities:

-10.1-1: Undertaking basin and watershed planning that integrates land use planning and stormwater management by providing financial assistance for basin and watershed planning focused on stormwater management and nonpoint source pollution identification and control.

-10.1-2: Undertaking capital planning on catchment or watershed basis by providing financial assistance for watershed or catchment based capital planning with priority given to water quality protection and improvements made through integrated approaches to pollution reduction.

-10.1-3: Developing and implementing approaches that regionalize operational and pollution reduction efforts and activities by providing funding with an emphasis on regional approaches to constructing pollution control activities. Clean Water SRF provides funding for design construction phases for permitted facility projects.

This request also supports sub-strategy 11.1, Targeting Voluntary and Incentive-base Programs that Help Working Farms Contribute to Puget Sound Recovery and 13.3, Improving and Expanding Funding for Small Onsite Sewage Systems (OSS) and Local OSS Programs.

**What are the specific benefits of this project?**

The SRF loan program provides low-interest loans to local governments, special purpose districts, and recognized tribes for wastewater treatment, nonpoint source pollution control, and watershed and estuary management projects that achieve specific environmental and public health benefits, including:

- Eliminating severe public health hazards and environmental degradation.
- Achieving regulatory compliance with a consent decree, compliance order, Total Maximum Daily Load (TMDL), or waste load allocation.
- Restoring and protecting designated uses of Washington's waters, such as drinking water, aquatic habitat, and shellfish harvesting.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:24PM

Project Number: 30000710

Project Title: Water Pollution Control Revolving Program

**Description**

The economic value water quality infrastructure projects provide to the community and economy includes short-term benefits by supporting construction jobs and long-term benefits by funding sustainable clean water infrastructure that also supports growth and economic development.

This project will also provide economic benefits to the state by creating up to 371 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

This appropriation will allow public entities to proceed with planning, designing, acquiring, constructing, and improving water pollution control facilities and related nonpoint activities that help achieve state and federal water pollution control requirements. These improvements contribute significantly to protection and restoration of water quality statewide and in Puget Sound, the protection of public health, as well as creating jobs and improving economic health.

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

Many local governments, special purpose districts, and recognized tribes propose important water quality projects that cannot be fully funded with one funding source. This is especially true for small, financially-distressed communities. Ecology works with recipients and other state and federal agencies to coordinate funding and technical assistance for water quality infrastructure projects. Together, the agencies collaborate and leverage their funds to meet the financial situation of the community. Many small communities with large-scale projects use multiple funding sources, including the SRF, Centennial Clean Water Program, Public Works Assistance Account, Department of Commerce, USDA Rural Development, and the State Tribal Assistance Grant Program. The lack of Public Works Assistance Account funding over the past few years has increased the demand and importance of SRF loan funding for local governments.

**What is the impact on the state operating budget?**

EPA requires a twenty percent state match toward federal capitalization dollars. The state provides the match funds as federal dollars are actually spent. Ecology is requesting in the operating budget a treasurer transfer of \$10 million from the State Taxable Building Construction Account into the Water Pollution Control State Revolving Account- Federal (fund 727) to meet federal match and accounting requirements.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

This request is for continuing support of the Clean Water SRF loan fund program to help local governments with high priority water quality projects throughout Washington. Ecology's well established, accountable, and transparent water quality funding program is the best and most effective option available to distribute money for priority water pollution control projects on a statewide, competitive basis. The program considers legal mandates, local efforts, rate payer impacts, and evolving water quality priorities.

**What is the agency's proposed funding strategy for the project?**

The Water Pollution Control Revolving Fund and its dedicated revenue sources support the SRF loan program. Dedicated revenue sources include:

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:24PM

Project Number: 30000710

Project Title: Water Pollution Control Revolving Program

**Description**

- Yearly capitalization grants from EPA, authorized by Congress in the federal budget process.
- State match (20 percent) – required under the Federal Clean Water Act of 1987 – transferred into the fund from the State Taxable Building Construction Account.
- Principal and interest repayments by loan recipients.
- Interest earned on the fund balance by investments from the State Treasurer.

The SRF loan program provides low-interest loans for high priority water quality projects. To continue funding future projects, Ecology ensures long-term health of the fund by managing the fund in perpetuity. Ecology bases interest rates on a percentage of the bond buyers' index, allowing sufficient capital to loan out for future water quality projects.

Ecology typically awards half of the funds available for the biennium at the beginning of each fiscal year.

**Proviso**

No

**Project Type**

Grants

**Grant Recipient Organization:** Public entities (SRF), local gov'ts, special purpose distr., quasi municipals, fed. recognized tribes

**RCW that establishes grant:** chapter 90.50A RCW, chapter 17

**Application process used**

Ecology manages an integrated annual funding approach using a joint application, evaluation, and rating and ranking process for the SRF, Centennial Clean Water Program, Stormwater Financial Assistance Program, and the Clean Water Act Section 319 federal grant program. The application period begins in August with applications due mid-October. Ecology staff screen, review, and rate and rank the applications from November through December. The evaluation and points are assigned according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a combined draft project list for the Legislature to use during budget considerations. The list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2017 Final Water Quality Funding Offer and Intended Use Plan is available on the Water Quality website:

<http://www.ecy.wa.gov/programs/wq/funding/Opp/WQC/CyclePages/WQC2017.html>

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
727-1	Water Pollution Cont-State	800,000,000				160,000,000
727-2	Water Pollution Cont-Federal	250,000,000				50,000,000
<b>Total</b>		<b>1,050,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>210,000,000</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
727-1	Water Pollution Cont-State	160,000,000	160,000,000	160,000,000	160,000,000
727-2	Water Pollution Cont-Federal	50,000,000	50,000,000	50,000,000	50,000,000
<b>Total</b>		<b>210,000,000</b>	<b>210,000,000</b>	<b>210,000,000</b>	<b>210,000,000</b>

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/12/2016 2:24PM

**Project Number:** 30000710

**Project Title:** Water Pollution Control Revolving Program

**Operating Impacts**

---

**No Operating Impact**

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 11:21AM

Project Number: 30000797

Project Title: 2015-17 Restored Stormwater Financial Assistance

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 10

**Project Summary**

Ecology's Stormwater Financial Assistance Program (SFAP) provides grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The SFAP distributes funds to the highest priority projects through a competitive rating and ranking process to ensure projects provide good water quality value and address problems from existing urban development. The work accomplished by local governments will help reduce toxics and other pollution from entering our waterways and protect our marine waters, estuaries, lakes, rivers, and groundwater resources throughout the state. The 2016 enacted Supplemental Capital Budget reduced four reappropriations for SFAP projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies that the Legislature intends to restore the reductions in future biennia. This request for \$30.1 million restores those four reductions to keep important stormwater work moving forward in the 2017-19 Biennium. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description****What is the proposed project?**

In 2013, the Legislature used a provision in the 2013-15 Capital Budget (Section 3081) to direct Ecology to develop and implement an ongoing, comprehensive, statewide stormwater financial assistance program. Ecology worked with stakeholders to develop a stormwater funding program – the SFAP – that is incorporated into Ecology's Water Quality Combined Financial Assistance Program. Funding for this program in the 2017-19 Biennium will continue to support constructing stormwater retrofit projects and implementing associated activities with high water quality and ecologic benefit.

Projects and activities eligible for funding under this program include planning and installing capital projects and activities that reduce stormwater pollutants. Projects may include, but are not limited to:

- Stormwater basins, pervious pavements, and bio-retention systems that collect runoff from hard surfaces and remove pollutants before the water is released to a water body or infiltrated into the ground.
- Project-specific planning and design to assist jurisdictions in preparing capital improvement projects.
- Toxics source tracing, corrective action, and removal projects. These projects are a cost-effective way of removing sources of toxics and reducing toxics discharge to waterways.
- Prioritized watershed basin retrofit planning and implementation strategies. These projects cross program boundaries (e.g., toxics cleanup sites combined with water quality improvement projects) and may use tools such as Geographic Information System (GIS) mapping to help organize and prioritize stormwater capital improvement projects. This process provides efficiencies of scale and maximizes water quality benefits per dollar invested.

Projects constructed through this program will meet design standards outlined in Ecology's Eastern and Western Washington Stormwater Management Manuals.

The enacted 2016 Supplemental Capital Budget reduced stormwater funding to help manage declining MTCA revenues driven by the significant drop in the price of oil and correlated decreases in Hazardous Substance Tax (HST, MTCA's major revenue source) over the past two years. The MTCA revenue decline that resulted in stormwater project delays in the 2015-17 Biennium, created uncertainties for public funding. Despite Department of Revenue's HST forecasts projecting a recovery in the next few years, delays in HST revenue recovery will continue to restrain stormwater projects funded with MTCA. Ecology requests funding be restored, as directed by the proviso language in the 2016 Supplemental Capital Budget, to keep important stormwater work moving forward in the 2017-19 Biennium.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 11:21AM

Project Number: 30000797

Project Title: 2015-17 Restored Stormwater Financial Assistance

**Description**

Ecology is requesting a total of \$30.1 million in funding be restored. The attached prioritized list of 51 delayed projects represents \$14.3 million of the total being requested. These projects were delayed as a result of the reductions in the 2016 Supplemental Capital Budget. The remaining \$15.8 million being requested will be part of the SFY 2018 Water Quality SFAP draft funding offer list, which will be available in January of 2017.

A separate request for new stormwater funding is related to this package. Ecology will award a portion of the request for new SFAP funds, in the amount of \$14.2 million, along with the remaining SFAP funds in this request (15.8 million) to reach the \$30 million estimated demand for SFAP funding in SFY 2018.

**What opportunity or problem is driving this request?****The reason for the project:**

Polluted stormwater is one of the greatest threats to the health Washington State waters. Most of this pollution comes from existing infrastructure like buildings, road surfaces, and municipal storm sewer systems built before the Clean Water Act and other environmental regulations. In new and redeveloped areas, developers shoulder most of the cost of treating stormwater. But local jurisdictions are burdened with the expense of cleaning up stormwater problems created by old, ineffective infrastructure. Current municipal stormwater National Pollutant Discharge Elimination System (NPDES) permits do not require retrofitting existing development with stormwater controls; so in many cases, untreated stormwater carrying pollutants from existing infrastructure is released directly into the nearest waterway.

The enacted 2016 Supplemental Capital Budget reduced four reappropriations for stormwater funding to balance the MTCA accounts in response to the drop in revenue. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19, resulting in a projected revenue shortfall of \$78 million as of August 2016. The HST is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. Ecology requests State Building Construction Account (SBCA) funding to restore these projects and help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.
- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).
- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.
- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also funded new investments in stormwater. In the SFAP, both MTCA and SBCA were used to fund important stormwater projects during the economic downturn. Today our economy is in a growth period, stormwater projects are affordable, and there is a high level of interest by local governments to solve stormwater pollution impacts. Providing SBCA funding will allow important, ready-to-proceed stormwater projects to move forward.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 11:21AM

Project Number: 3000797

Project Title: 2015-17 Restored Stormwater Financial Assistance

**Description****The effects of non-funding:**

Statewide water quality and public health would be impacted if these grant dollars are not available to assist local communities to mitigate the effects of polluted stormwater. The SFAP funds would not be available to local communities for developing and implementing projects that go beyond the requirements of NPDES permits to treat polluted runoff from existing development. Without these funds, capital stormwater improvement projects would not be constructed, and untreated stormwater would continue to pollute Washington's waterways. Untreated stormwater discharges toxic chemicals and other pollutants into waters of the state, which in turn impacts shellfish habitat, fisheries and human health, and beneficial uses.

**How does the project support the agency and statewide results?**

This request is aligned with, and essential to implementing Ecology's strategic plan goals and strategic priorities:

- Reduce and prepare for climate impacts: During drought and more than average rainfall years, implementing stormwater retrofits and green infrastructure mitigates adverse climate impacts by controlling flow volumes and treating stormwater runoff to remove pollutants.
- Prevent and reduce toxic threats: Funded stormwater projects address stormwater pollutants by implementing stormwater best management practices, constructing stormwater treatment and flow control facilities, and implementing low impact treatment techniques that capture and reduce toxics and other pollutants.
- Deliver integrated water solutions: Some projects funded achieve multiple benefits to both water quality and water resources: including stormwater capture and reuse, infiltration of stormwater runoff, and treatment of polluted stormwater runoff.
- Protect and Restore Puget Sound: On average about 70 percent of the SFAP funds are awarded to projects in the Puget Sound basin. Projects funded lead to direct and indirect improvements to Puget Sound water quality through constructed stormwater pollution control infrastructure that goes above and beyond permit requirements.

This request is essential to support the Governor's Results Washington Goal 3 – Sustainable Energy and Clean Environment. Specifically, Ecology provides regular updates and report outs to the Governor and Goal Council regarding Results G3:3.2a: increase the number of projects that provide stormwater treatment or infiltration.

This request makes a key contribution to statewide results by providing grants for high priority stormwater improvement projects statewide that address Natural Resources strategies to Reduce Negative Impacts on the Environment; Preserve, Maintain and Restore Natural Systems and Landscapes; and Improve Individual Practices and Choices. It also supports salmon recovery efforts.

This request supports Ecology's integrated water quality financial assistance program by leveraging and augmenting loan funds through the Water Pollution Control Revolving Fund (SRF) loan program, the Centennial Clean Water grant program, and the Clean Water Act Section 319 federal grant program. Through the integrated funding program, Ecology continues to apply Lean principles in an effort to improve efficiency in service delivery and improve access to funding for high priority projects that deliver multiple benefits. Cross program and cross agency coordination is also a key element of the water quality financial assistance programs and Ecology is committed to supporting the Infrastructure Assistance Coordinating Council (IACC) as a cross-agency collaborative approach to providing infrastructure, financial and technical assistance to communities throughout Washington.

This request supports Puget Sound Action Agenda implementation through sub-strategy 10.3, Fix Problems Caused by Existing Development by providing funding to cities and counties to retrofit existing development through the Stormwater Financial Assistance Program's competitive grant program. This request directly supports the regional priority 10.3-1: Prioritize where retrofits occur by funding local project planning and design efforts including alternative analysis. This request also directly supports regional priority 10.3-4: Research, study and /or pilot legacy pollutant removal programs with intent of filling data gaps. This request funds projects to inspect private parcel Best Management Practices and provides technical assistance to property owners.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 11:21AM

Project Number: 30000797

Project Title: 2015-17 Restored Stormwater Financial Assistance

**Description****What are the specific benefits of this project?**

The SFAP provides funding to local governments for municipal stormwater management projects that achieve specific environmental and public health benefits, including:

- Improving and protecting water quality by reducing pollutant transport to surface waters.
- Restoring natural hydrology to streams and improving watershed function.
- Promoting groundwater recharge.
- Restoring and protecting designated uses of Washington's waters, such as drinking water, aquatic habitat, and shellfish harvesting.
- Promoting and incentivizing sustainable communities.

**How will clients be affected and services change if this project is funded?**

Since 2006, Ecology has provided stormwater pre-construction and construction grants to local governments through a series of one-time funding provisions in the state capital budget. If this SFAP funding is restored, Ecology can continue to support local governments in promoting and incentivizing their ongoing efforts to reduce polluted stormwater runoff to Washington water bodies. Restoring this funding will allow implementation of 51 stormwater retrofit and pre-construction projects. Local government stakeholders throughout the state have voiced strong support for an ongoing and stable stormwater financial assistance program that can help them proactively address stormwater management problems and improve environmental sustainability and the health of their local communities.

**Are FTEs required to support this project?**

Ecology requires 7.77 FTEs in this project, from the total 12.95 FTEs required for SFAP technical, budget and financial management. The remaining 5.18 FTEs are requested in the reappropriation request for project 30000535.

**How will the other state programs or units of government be affected if this project is funded?**

Solving stormwater pollution problems requires the efforts of, and collaboration with, local, state, federal, and tribal governments. Supporting local governments in implementing stormwater projects will also support the efforts of the Puget Sound Partnership, the Department of Commerce, the Department of Natural Resources, the Department of Health, the Washington State Department of Transportation, the U.S. Environmental Protection Agency, and tribal water quality improvement programs.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

Ecology considered several alternatives for funding these projects. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years,



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 11:21AM

Project Number: 30000797

Project Title: 2015-17 Restored Stormwater Financial Assistance

**Description**

the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology’s ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

If an alternative solution is not provided, Ecology would not be able to restore funding to these projects in the 2017-19 Biennium. SBCA funding is the best option because it will restore the original projects as the Legislature intended, and give Ecology the resources to continue cleanup work on these projects.

**What is the agency’s proposed funding strategy for the project?**

Ecology requests \$30.1 million from the SBCA to restore funding for these projects and help bridge the gap until MTCA revenue recovers. This will allow important stormwater work to continue on July 1, 2017. This funding is matched up to 25 percent by local governments.

Note: The total amount being requested in bond funding for 2017-19 stormwater projects is \$121.7 million, which includes this \$30.1 million to restore reductions from the 2016 Supplemental Budget; \$44.2 million in new projects; and due to the MTCA revenue shortfall, \$26.5 million for projects that will continue to be delayed in reappropriation 30000535, and \$20.9 million in projects that will be delayed or are under contract and will have to be cancelled in reappropriation 92000076 unless a revenue solution is provided. Traditional new investments in stormwater have averaged around \$73.8 million a biennium over the last three biennia.

**Proviso**

No

**Project Type**

Grants

**Grant Recipient Organization:** N/A

**RCW that establishes grant:** N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant’s GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/15/2016 11:21AM

Project Number: 30000797

Project Title: 2015-17 Restored Stormwater Financial Assistance

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	30,100,000				30,100,000
	<b>Total</b>	<b>30,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,100,000</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Kimberly Wagar</u>	<b>Email:</b>	<u>kwag461@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-6614</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057-1</u>	<b>Project Title:</b>	<u>Restored Stormwater Financial Assistance</u>
<b>Project Number:</b>	<u>30000797</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Water Quality Program**  
**Restore Stormwater**  
 31-Aug-16



Purpose: Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. This list provides project details included in Water Quality Program's Stormwater Financial Assistance projects. The rank reflects the original rank on the 2017 Water Quality Offer List (which includes projects/funding from other sources) and the SFY2016 Stormwater Pre-Construction Offer List.

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
119	Cheney city of	\$1,646,450	The project will eliminate the number of storm water point source discharges to Minnie Creek by construction of a new storm water main conveying the storm water to a City owned sewer lagoon that was taken out of service in 1994 when the new Wastewater Treatment Plant was put on line. The scope of the project during this funding cycle would include environmental requirements, preliminary engineering, construction plans and specifications and construction of the collection infrastructure.	112 Anderson Rd	Cheney	SPOKANE	9	47.49601	-117.55555
120	Tukwila city of - Public Works	\$244,375	This project is intended to modify up to 4 City-owned stormwater outfalls with site-specific water quality treatment solutions. Phase I, for which this application is intended, is to design the water quality solutions.	6300 Southcenter Blvd	Tukwila	KING	11	47.4483	-122.2433
121	Snohomish County - Public Works Department	\$1,149,375	Lake Stickney's excessive phosphorous and oxygen depletion are caused by unregulated runoff from nearby lawns/roadways. The project proposes to address this by installing rain gardens and native plants in the vicinity. The project will enhance natural filtration by replacing impervious shoulders with pervious walkways. Informational lake preservation signs will be placed along the walkways. Outreach to schools (STEM Programs) will focus on the importance of urban water quality treatment.	3000 Rockefeller Ave, M/S 607	Everett	SNOHOMI SH	21	47.87505	-122.25509
124	Yakima County - Public Services Department	\$139,964	Yakima County needs to install two bio swales and connection pipe along a stormwater runoff channel, to assist with the directional control of stormwater runoff and reduce the amount of stormwater pollutants being transported without treatment.	4th Floor Courthouse, 128 N 2nd Street	Yakima	YAKIMA	15	46.6136	-120.4343
128	Chelan County - Public Works Department	\$577,500	The Chelan County Squilchuck Stormwater outfall project will retrofit an existing stormwater conveyance system to provide water quality treatment for the 6-month, short duration storm via the use of combination hydrodynamic separator and subsurface infiltration.	316 Washington Street, Suite 402	Wenatchee	CHELAN	12	47.395	-120.296
129	Yakima County - Public Services Department	\$371,800	The UIC wells located along Terrace Heights Drive, Lyons Loop, and South 96th Ave within Yakima County have all been deemed a potential threat to groundwater and their issues must be addressed. The solution outline and designs within this application are the most viable courses of action based on best management practices (BMPs) available given the site limitations. Yakima County needs to conduct these activities to protect the public, and requests funding support to do so.	4th Floor Courthouse, 128 N 2nd Street	Yakima	YAKIMA	14	46.6	-120.5

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
45	Anacortes city of	\$150,000	This project will improve water quality in Guemes Channel, Clyde Creek, and Burrows Bay through design of stormwater best management practices (BMPs) on Commercial Avenue and in the Clyde Creek drainage basin in the city of Anacortes.	PO Box 547	Anacortes	SKAGIT	40	48.5109	-122.6465
27	Bellevue city of	\$102,700	This project will improve water quality in Kelsey Creek through 90 percent design of stormwater best management practices (BMPs) at 164th Avenue NE in the city of Bellevue. This project will provide water quality treatment for stormwater runoff and will also reduce flows to Kelsey Creek by increasing stormwater infiltration and providing stormwater detention.	450 110th Ave NE	Bellevue	KING	41, 48	47.62362	-122.12314
30	Bremerton city of - Parks and Recreation Department	\$250,000	This project will improve water quality in the Washington Narrows through design of stormwater treatment best management practices (BMPs) at Lions Park in the city of Bremerton.	680 Lebo Blvd	Bremerton	KITSAP	23, 26, 35	47.58572	-122.64488
23	Burien city of - Public Works Department	\$70,500	This project will improve water quality in a tributary of Miller Creek through design of stormwater best management practices (BMPs) at SW 165th Street in the city of Burien. This project will be designed to provide treatment of total suspended solids (TSS) and to reduce flows to Miller Creek by providing stormwater detention.	400 SW 152nd St, Suite 300	Burien	KING	34	47.45536	-122.35633
99	Burlington city of	\$234,530	This project will provide for planning, permitting, and design of pervious concrete to replace gravel shoulders. By reducing impervious area and treating storm water through the soils cation exchange, water quality will improve (Gages Slough, Skagit River, Puget Sound). This is the second project in an effort to reduce the amount of City owned impervious gravel surfacing. The first project, designed using \$120K ecology grant will be constructed in 2016 also using an ecology grant. See uploads.	833 South Spruce Street	Burlington	SKAGIT	40	48.47482	-122.33023
40	Chelan County - Public Works Department	\$200,000	This project will improve water quality in Squilchuck Creek through design of water quality facilities to be installed within the Squilchuck basin, Chelan County. This project will provide treatment for Total Suspended Solids (TSS), Oil (Total Petroleum Hydrocarbons), Dissolved Copper, Dissolved Zinc, and Total Phosphorus, and will also reduce flows to Squilchuck Creek by increasing stormwater infiltration and/or providing stormwater detention.	316 Washington Street, Suite 402	Wenatchee	CHELAN	12	47.396	-120.301
4	Clyde Hill city of	\$150,000	This project will improve water quality in Fairweather Bay Creek through design of TAPE GULD systems and low impact development (LID) facilities at 84th Avenue NE in the city of Clyde Hill. This project will provide treatment for total suspended solids (TSS), dissolved copper, dissolved zinc, and total phosphorus and will also reduce flows to Fairweather Bay Creek and Lake Washington by increasing stormwater infiltration and providing stormwater detention.	9605 NE 24th St	Clyde Hill	KING	48	47.62974	-122.22785
43	Everett city of - Public Works Department	\$247,550	This project will improve water quality in the Snohomish River through design of Green Stormwater Infrastructure (GSI) projects in the city of Everett. This project will reduce Combined Sewer Overflows (CSO's) and prevent stormwater pollutants from entering the Snohomish River.	3200 Cedar St	Everett	SNOHOMISH	38	47.97007	-122.19018

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
9	East Wenatchee city of	\$250,000	This project will improve water quality in the Columbia River through the design of a biofiltration and infiltration facility that will be installed at 19th Street NE and Cascade Avenue in the City of East Wenatchee. This project will provide treatment for Total Suspended Solids (TSS), Oil (Total Petroleum Hydrocarbons), Dissolved Copper and Dissolved Zinc, and will also reduce flows to the Columbia River by increasing stormwater infiltration and providing stormwater detention.	271 9th St NE	East Wenatchee	DOUGLAS	12	47.43504	-120.30284
12	Ferndale city of	\$250,000	This project will improve water quality in Schell Creek through design of Low Impact Development (LID) Best Management Practices (BMPs) to be installed at Ferndale Terrace between Vista Drive and Hendrickson Avenue in the City of Ferndale. This project will provide treatment for Total Suspended Solids (TSS), Oil (Total Petroleum Hydrocarbons), Dissolved Copper, Dissolved Zinc, and Total Phosphorus, and will also reduce flows to Schell Creek by increasing stormwater infiltration.	PO Box 936	Ferndale	WHATCOM	42	48.85238	-122.60286
24	Gig Harbor city of - Public Works	\$250,000	This project will improve water quality in the Sullivan Gulch Creek through design of pervious pavement and bioretention swales at Point Fosdick Drive in the city of Gig Harbor. This design will include treatment for total suspended solids (TSS), dissolved copper, and dissolved zinc and will also reduce flows to Sullivan Gulch Basin by increasing stormwater infiltration and providing stormwater detention.	3510 Grandview Street	Gig Harbor	PIERCE	26	47.2929	-122.5787
36	Gig Harbor city of - Public Works	\$250,000	This project will improve water quality in the Garr Creek tributary and the Wollochet Basin through design of stormwater best management practices (BMPs) at 50th Street Court NW in the city of Gig Harbor. This design will include treatment for total suspended solids (TSS) and will also reduce flows to the Garr Creek tributary by increasing stormwater infiltration.	3510 Grandview Street	Gig Harbor	PIERCE	26	47.30227	-122.58854
41	Kitsap County - Public Works	\$250,000	The Blaine Avenue Treatment Wetland project would maximize water quality treatment of stormwater runoff from a developed 14 acre urban basin, normalize hydrology via an engineered wetland, and compliment this effort with the restoration of degraded estuary buffer to a native plant complex. Stormwater runoff from the existing basin currently flows untreated directly to Dyes Inlet in Silverdale, Kitsap County.	614 Division Street MS-26	Pt. Orchard	KITSAP	23	47.65803	-122.68639
11	Kitsap County - Public Works	\$100,000	Engineering design, survey and utility location identification will be performed to support water quality treatment on Mickelberry Road in Silverdale. Runoff from a medium use urban area will be treated with Filterra units prior to discharge to the Dyes Inlet estuary. Preliminary utility locate information indicates units can be placed within the sidewalk prism. This project was previously identified as a high priority retrofit in the Silverdale Low Impact Development Plan.	614 Division Street MS-26	Pt. Orchard	KITSAP	23	47.65228	-122.67696
25	Kitsap County - Public Works	\$250,000	Engineering design, soils analysis, survey, and utility locate will be performed supporting water quality treatment of two nearly adjacent drainage basins along the commercial corridor of Silverdale Way from Bucklin Hill Road to Byron Street. Up to 46 acres of runoff will be designed to the 90% design level for treatment. Runoff treatment will protect aquatic life, water contact recreation and shellfish beds in Dyes Inlet.	614 Division Street MS-26	Pt. Orchard	KITSAP	23	47.64895	-122.69569

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
32	Lynden city of - Public Works Department	\$120,000	This project will improve water quality in the Nooksack River through design of stormwater Low Impact Development (LID) best management practices (BMPs) at Judson Street in the city of Lynden. The design will include treatment for total suspended solids (TSS), dissolved copper, and dissolved zinc.	300 4th Street	Lynden	WHATCOM	42	48.94052	-122.45677
15	Manysville city of - Public Works Department	\$250,000	This project will improve water quality in Ebey Slough, a tributary to the Snohomish River system that discharges directly to the Puget Sound, through design of green infrastructure in the downtown area of the City of Manysville. This project will provide treatment for Total Suspended Solids (TSS), Oil (Total Petroleum Hydrocarbons), Dissolved Copper, Dissolved Zinc, and Total Phosphorus.	80 Columbia Ave.	Manysville	SNOHOMISH	38	48.05068	-122.18067
33	Maple Valley city of - Public Works	\$75,000	This project will improve water quality in Jenkins Creek through the design of stormwater best management practices (BMPs), including bioretention facilities, at Witte Road SE in the city of Maple Valley. This design will include treatment for total suspended solids (TSS) and will also reduce flows to Jenkins Creek by increasing stormwater infiltration.	PO Box 320	Maple Valley	KING	5	47.37961	-122.04814
34	Milton city of	\$250,000	The City of Milton will replace the parking lots at the Milton City Hall Campus with pervious concrete. The project will evaluate the feasibility of infiltrating 100% of the runoff onsite. The project will also provide rain gardens to infiltrate roof runoff from the administration building and activity center to the extent feasible. This project will provide water quality benefits to Hylebos Creek, a 303(d) listed surface water.	1000 Laurel St	Milton	PIERCE	30	47.24922	-122.32093
26	Mukilteo city of	\$171,975	Mukilteo recently completed an Ecology-funded, Watershed-Based Stormwater Retrofit and Pre-Design Plan. A detailed analysis of targeted sub-basins to support site specific retrofit planning and pre-design work was conducted. The City is requesting additional funds to continue this work to complete pre-construction tasks for two high priority LID facilities. This work would fund a site survey, development of construction documents, design report, environmental permitting, and public outreach.	11930 Cyrus Way	Mukilteo	SNOHOMISH	21	47.894	-122.304
16	Olympia city of	\$150,000	The Green Stormwater Retrofit Design project will assess feasibility and prepare designs for retrofit projects in designated neighborhood centers and urban corridors within the City of Olympia. Following the goals and policies of the 2015 City of Olympia Comprehensive Plan and the EPA study "Greening America's Capitals" prepared May 2015, pre-construction designs will build on prior planning work aimed at increasing urban green space, protecting aquatic habitat, and improving water quality.	601 4th Ave East	Olympia	THURSTON	22	47.04796	-122.90212
28	Port Angeles city of - Public Works	\$102,000	Permeable pavement and bioretention will be installed at the City Hall parking lot to improve water quality of urban runoff into Peabody Creek, a 303 (d) listed water body for bacteria. This basin is the highest priority in Port Angeles based on a water quality data analysis report and field testing.	321 East Fifth Street - PO Box 1150	Port Angeles	CLALLAM	20	48.11404	-123.43125
35	Port Angeles city of - Public Works	\$160,000	Permeable pavement and natural dispersion techniques will be designed on 16th Street to improve water quality of urban runoff into Tumwater Creek, a 303 (d) listed water body for bacteria.	321 East Fifth Street - PO Box 1150	Port Angeles	CLALLAM	20	48.1158	-123.4694

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
8	Poulsbo city of - Public Works Department	\$250,000	This project will improve water quality in the Liberty Bay watershed through design of bioretention and treatment wetland best management practices (BMPs) at Noll Road in the city of Poulsbo. This design will include treatment for total suspended solids (TSS) and will also reduce flows to Bjorgen Creek by increasing stormwater infiltration and providing stormwater detention.	200 NE Moe Street	Poulsbo	KITSAP	23	47.43014	-122.33705
44	Puyallup city of - Public Works	\$181,108	The work includes construction of approximately 750 linear feet of permeable roadway. Improvements will widen the existing roadway from four lanes to five lanes to include a center two-way left turn lane. Other work elements include construction of concrete traffic curb, planter strip, pervious concrete sidewalks, cement concrete driveway approaches, luminaires, miscellaneous utility improvements, culvert replacement, and wetland mitigation.	333 S Meridian	Puyallup	PIERCE	25	47.1902	-122.3306
39	Renton city of	\$250,000	This project will improve water quality in Johns Creek through design of bioretention facilities and permeable concrete sidewalks at NE 16th Street and Jefferson Avenue NE in the city of Renton. This project will design stormwater BMPs that target total suspended solids (TSS), and will also reduce flows to Johns Creek and Lake Washington by increasing stormwater infiltration.	Renton City Hall, 5th Floor, 1055 South Grady Way	Renton	KING	11	47.50689	-122.17981
22	Renton city of	\$250,000	This project will improve water quality in the Big Soos Creek tributary of the Green River by designing bioretention swales and permeable concrete sidewalks at SE 172nd Street and 125th Avenue SE in the city of Renton. These BMPs will improve the Big Soos Creek by treating and infiltrating stormwater prior to discharge.	Renton City Hall, 5th Floor, 1055 South Grady Way	Renton	KING	11	47.45	-122.17
42	Richland city of	\$120,000	This project will improve water quality in the Columbia River through installation of a water quality facility. This project will provide treatment for Total Suspended Solids (TSS), Oil (Total Petroleum Hydrocarbons), Dissolved Copper, Dissolved Zinc, and Total Phosphorus and will also reduce flows to Columbia River by increasing stormwater infiltration and providing stormwater detention.	P.O. Box 190 MS-26	Richland	BENTON	8	46.28437	-119.28549
7	Shoreline city of	\$250,000	This project will improve water quality in Little's Creek and Thornton Creek through design of stormwater bioretention and infiltration best management practices (BMPs) at 10th Avenue NE in the city of Shoreline. This project will provide treatment and reduce flows to these creeks by increasing stormwater infiltration.	17500 Midvale Ave N	Shoreline	KING	32	47.75217	-122.31865
3	Spokane County - Stormwater Utility	\$250,000	This project will improve ground water quality in the Spokane Valley-Rathdrum Prairie (SVRP) Sole Source Aquifer by designing bio-infiltration swales and biofiltration Filterra units to be installed in the Linwood Basin located in Spokane County. This project will provide treatment for Total Suspended Solids (TSS), Oil (Total Petroleum Hydrocarbons), Dissolved Copper, Dissolved Zinc, and Total Phosphorus by increasing stormwater infiltration and providing stormwater detention.	1026 W Broadway	Spokane	SPOKANE	6	47.72512	-117.42219



Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
5	Spokane city of	\$250,000	Stormwater management of CSO Basin 14 and CSO Basin 15 will reduce the amount of stormwater entering the City's combined sewer system (CSS) of Combined Sewer Overflow (CSO) Basin 14 and 15. This project proposes to remove stormwater from the CSS by constructing bioretention facilities to treat and infiltrate runoff.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.66449	-117.44603
13	Spokane city of	\$80,000	The objective of this project is to manage stormwater on TJ Meenach Drive from Northwest Boulevard to Pettet Drive. Currently stormwater in this area drains to the Municipal Separated Storm Sewer System (MS4) which discharges directly to the Spokane River without further treatment.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.6819	-117.45052
21	Spokane city of	\$80,000	The objective of this project is to manage stormwater on Monroe St from Indiana to Cora. Currently, stormwater in this area drains to the Municipal Separated Storm Sewer System (MS4) which discharges directly to the Spokane River without further treatment.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.68224	-117.42668
19	Spokane city of	\$250,000	Design to separate, treat, and infiltrate Interstate 90 stormwater runoff from the City of Spokane's combined sewer system.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	5	47.65394	-117.36998
17	Spokane city of	\$150,000	This project will provide stormwater improvements to the City of Spokane's Cochran Basin; the largest stormwater basin in the City's urban storm drain system. Runoff within these project limits currently drains to the Spokane River without any treatment. This portion of the larger Cochran Basin project will allow the City to design and construct a biofiltration channel along North TJ Meenach Drive to treat approximately 10% of Cochran basin's stormwater.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.68136	-117.45513
18	Spokane city of	\$250,000	Separation of stormwater from the CSO 25 Basin	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.6582	-117.42952
10	Spokane Valley city of	\$140,000	New LID stormwater facilities including swales along both sides of a principal arterial.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	5	47.655	-117.268
14	Spokane Valley city of	\$100,000	The Chester Creek Diversions project will be to produce a 90% design (PS & E) and to obtain the permitting to remove up to 5 culverts that currently discharge into Chester Creek. Water that is currently piped to Chester Creek north of Dishman Mica Road will be treated by using low impact development (LID), wet weather green infrastructure, and best practices that will decrease the stormwater impact of its facilities on the environment.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	5	47.621	-117.257
38	Tacoma city of - Environmental Services Department	\$172,500	Complete feasibility investigation and design to retrofit two existing poor performing biofiltration swales to bioretention to enhance performance and aesthetics. The City has identified two existing biofiltration swales that were built between 2004 and 2010 for evaluation and possible upgrade to bioretention facilities. As part of the evaluation, a geotechnical investigation will be undertaken to determine the feasibility for infiltration at the sites or if underdrains will be required.	747 Market Street	Tacoma	PIERCE	27	47.25584	-122.44211

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
37	Thurston County - Resource Stewardship Department	\$96,600	The project site is located within a sub-basin to Woodard Creek that is developed with rural roads and residential land uses. In the current condition, runoff does not flow through any water quality BMPs prior to discharging into Woodard Creek. The creek flows north and discharges into Woodard Bay and then Henderson Inlet which has a bacteria, DO, pH, and temperature TMDL. The project will install biofiltration swales and a modular wetland to treat the runoff.	2000 Lakeridge Dr. SE, Bld 4, Rm 100	Olympia,	THURSTON	22	47.06886	-122.85696
6	Tukwila city of - Public Works	\$246,515	This project will improve water quality in the Duwamish River through design of TAPE GULD devices in the city of Tukwila. This design will provide treatment for total suspended solids (TSS) from stormwater runoff.	6300 Southcenter Blvd	Tukwila	KING	11	47.475	-122.268
20	Vancouver city of	\$250,000	This stormwater improvement project in the Burton Ridge and Oakbrook neighborhoods will provide for design engineering of stormwater facilities that will be constructed to capture, treat, and infiltrate approximately 82 acres of urban street runoff currently draining untreated directly into Burton Channel. The City will partner with these neighborhoods to select appropriate and desirable BMP locations and provide information to residents on the water quality benefits of LID.	PO Box 1995	Vancouver	CLARK	49	45.63837	-122.57296
77	Walla Walla city of	\$212,200	Design and construct stormwater facilities to treat and infiltrate stormwater runoff along Isaacs Avenue. This project will improve water quality in Mill Creek and the Walla Walla River by effectively eliminating stormwater discharges to the existing piped storm system that currently discharge directly to Mill Creek and eliminating areas of necessary pavement. This will reduce levels of total suspended solids, hydrocarbons, metals, fertilizer, pesticides and fecal coliform in Mill Creek.	15 N Third Ave.	Walla Walla	WALLA WALLA	16	46.0742	-118.3199
1	Wenatchee city of	\$70,000	This project will improve water quality in the Columbia River through design of a biofiltration or bioinfiltration best management practice to be installed at the North Wenatchee Stormwater Outfall in the City of Wenatchee. This project will provide treatment for Total Suspended Solids, Oil, Dissolved Copper, and Dissolved Zinc, and will also eliminate flows to the Wenatchee River by re-directing the water to mitigated wetlands at the confluence of the Wenatchee and Columbia Rivers.	PO Box 519	Wenatchee	CHELAN	12	47.45331	-120.32575
58	Whatcom County - Public Works Department	\$120,000	This project will construct low impact development (LID) stormwater treatment facilities to remove phosphorus and bacteria in runoff draining to Lake Whatcom from 245 acres in the Agate Bay sub-watershed. Several different methods of treatment and infiltration will be implemented to reduce phosphorus loading and other pollutant loading to Lake Whatcom. Runoff that is not infiltrated will be treated in filter systems at key locations.	322 N. Commercial Street, Suite 220	Bellingham	WHATCOM	40	48.75954	-122.36099
	Partial funding for Grant Management oversight	\$1,840,000	Ecology currently manages and provides engineering and technical oversight for approximately 212 active design/construction stormwater improvement projects from previous appropriations.	#N/A	#N/A	Statewide	All	#N/A	#N/A

Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
	New Stormwater Financial Assistance Program SFY 2018	\$15,827,358	Funding will be provided for new stormwater facilities and activities that have been proven effective at reducing environmental harm from stormwater impacts resulting from existing infrastructure and development.	#N/A	#N/A	Statewide	All	#N/A	#N/A
<b>Total</b>		<b>\$30,100,000</b>							

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:15PM

Project Number: 30000706

Project Title: Floodplains by Design

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 11

**Project Summary**

Flooding is the number one natural hazard in Washington State. It has caused more than \$2 billion in damages to the state since 1980, with the highly populated areas in Western Washington most at risk. In the past, solutions to flooding problems were often out of sync with other ecosystem protection or restoration activities. This request will continue the efforts begun in the 2013-15 biennium, and fund new projects that provide both flood hazard reduction and ecosystem benefits in communities prone to flooding. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description****What is the proposed project?****BACKGROUND:**

In the 2013-15 biennium, the Legislature provided \$50 million from the State Building Construction Account in project 92000078 (Floodplain Management and Control Grants). In the 2015-17 biennium, Ecology proposed, and the Legislature funded, the capital Floodplains by Design grants with a \$35 million investment from the State Building Construction Account in project 30000537 (Floodplains by Design).

Funding over the last two biennia paid for 11 proviso projects for floodplain restoration and a competitive grant program that funded 20 additional high-ranking flood-hazard reduction projects. These projects restore natural conditions in floodplains by preserving floodplain open space, correcting problems created by past flood control actions, improving long-term flood resilience, reducing flood risk to infrastructure and development, and improving habitat conditions for salmon and other species.

Actions funded by the grants include land acquisition, setback levee construction, levee removal, stream rehabilitation, bridge and culvert flow restriction correction, and removing existing development within floodplains.

This request will complement and work in concert with other floodplain initiatives (such as multi-benefit planning or compliance with the National Oceanic and Atmospheric Administration biological opinion for the National Flood Insurance Program in Puget Sound) that provide both flood hazard reduction and improved ecosystem functions. Grant recipients are required to match up to 20 percent of their awards. With partnership from the Floodplains by Design (FbD) program, local communities will reduce – and in some cases eliminate – their flood hazards. At the same time, they will improve salmon habitat, water quality, and recreational opportunities, and promote economic development.

**GRANT SOLICITATION:**

In October of odd numbered years, Ecology sends out a request for proposals to local governments, tribes, non-government organizations, flood control districts, conservation districts, and others asking for preliminary proposals that meet FbD criteria for flood hazard risk reduction coupled with floodplain ecosystem protection and restoration.

Ecology flood staff, assisted by staff from The Nature Conservancy and Puget Sound Partnership (PSP), review the preliminary proposals based on flood hazard/risk reduction and ecosystem protection/restoration outcomes, other benefits, project schedule, and cost.

In April of even numbered years, preliminary proposals that meet these review criteria are invited to submit full grant applications by July first. For the current cycle, Ecology received 36 project proposals, representing \$138 million, that are invited to submit full grant applications for the 2017-19 funding cycle.

These full grant applications will be scored and ranked by Ecology flood staff and outside environmental experts from agencies such as the Federal Emergency Management Agency, WA Emergency Management Division, the U.S. Army Corps of Engineers, the U.S. Geological Survey, U.S. Fish and Wildlife Service, Washington Department of Fish and Wildlife, PSP, The

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:15PM

Project Number: 30000706

Project Title: Floodplains by Design

**Description**

Nature Conservancy, and the National Oceanic and Atmospheric Administration. The following criteria will be used:

- Flood hazard/risk reduction.
- Floodplain ecosystem protection or restoration.
- Other benefits, such as agricultural viability, water quality, and public access and recreation.
- Cost effectiveness and long-term cost avoidance.
- Demonstration of need.
- Level of support from affected stakeholders.
- Readiness to proceed.
- Other factors, including pilot projects, leverage opportunities, equity or social justice, and Puget Sound floodplain priorities.

Ecology will submit the resulting FbD project list by November 1, 2016 for consideration in the Governor's and legislative budget proposals.

**THIS REQUEST:**

Ecology requests \$70 million from the State Building Construction Account to continue the flood hazard reduction efforts that were started in the 2013-15 biennium through the capital Floodplains by Design grant program.

**What opportunity or problem is driving this request?****The reason for the project:**

Prior to the 2013-15 Capital Budget project for floodplain management grants, no comprehensive funding existed in the capital budget to support flood-risk reduction efforts. In most biennia, several million dollars were appropriated for specific flood projects. Most of this funding went to improvements to major levees protecting urban areas on the Green and Skagit rivers. There were no funding opportunities for multi-benefit floodplain management projects. These multi-benefit projects are key to meeting objectives contained in the Puget Sound Action Agenda and in flood hazard reduction plans in flood-prone areas, including Yakima and Pierce County.

Ecology receives funding related to this work through the Flood Control Assistance Account Program (FCAA), as required in RCW 86.26.007. This statute specifies that \$4 million be transferred from the State General Fund to the FCAA each biennium. Due to the economic downturn, in each of the last four biennia, the transfer was reduced to \$2 million. Because of this, flood work has been limited to technical assistance from Ecology staff and a handful of small (\$100,000 or so) emergency grants.

With the competitive capital funds for floodplain management grants in the 2013-15 and 2015-17 biennia, Ecology was able to fund proof-of-concept projects in the major river basins around Puget Sound, and smaller versions of projects across the state. All projects follow the multiple benefits approach to reduce flood risks, such as reducing floodwater depths, preventing river avulsions, and reducing or removing the structures vulnerable to flooding – while also improving the ecosystem.

Local stakeholder involvement and support are central to this process. Human population impacts put increasing pressure on floodplains across the state, which continually escalates the cost of flood damages. At the same time, other efforts like salmon recovery and water quality improvements often conflict with traditional flood hazard remedies. Using a multi-benefit approach helps alleviate these conflicts and meet multiple objectives. For example, a project in the Lower Dungeness watershed includes upgrading irrigation piping to conserve water and improve the reliable supply of agricultural water; buying land and removing a damaged and non-functioning levee system; and restoring the habitat for salmon recovery in the estuary and river system. It also provides new open space for public access and recreation. Ecology will invest new capital funding into these types of multi-benefit projects.

**The effects of non-funding:**

If this request is not funded, multi-benefit flood hazard reduction projects around the state would not be implemented. Not providing funding would leave communities vulnerable to the number one natural hazard in the state, which has caused more

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:15PM

Project Number: 30000706

Project Title: Floodplains by Design

**Description**

than \$2 billion in damages to the state since 1980. No alternative funding source exists for this work. Without funding, the education and outreach performed with communities to promote this concept and approach would cease. This would likely result in more traditional, narrowly focused flood control practices being used, which may conflict with Puget Sound and Salmon Recovery priorities.

With no incentive to plan and design for multi-benefit projects, communities may choose to return to traditional approaches, such as levees, which hamper salmon recovery, destroy habitat, and contribute to water quality problems like temperature and sediment loading to streams. Without funding to address these problems, Western Washington river systems, in particular, would see sediment loading pushing rivers out of their current beds, causing negative impacts to the nearby communities. This would cause even greater damage than normal flooding, and increase the frequency of flooding.

**How does the project support the agency and statewide results?**

This project is essential to implementing three of Ecology's strategic priorities:

- Protect and Restore Puget Sound: this project increases financial assistance for community based projects that, through flood management plans, take an innovative approach that integrates habitat needs with reducing flood risks.
- Reducing and Preparing for Climate Impacts: as extreme flood events are anticipated to increase, this project assists communities in considering future flooding scenarios as they plan for reducing flood hazards.

This project supports Results Washington as follows:

Goal 3: Sustainable Energy and a Clean Environment.

Floodplain by Design funds projects that contribute to healthy fish and wildlife, clean cool water, and protecting habitat, all key to a clean environment.

Goal 4: Healthy and Safe Communities.

Floods are destructive and expensive for communities, with potential loss of life and property. Flooding introduces pollutants into rivers and shoreland areas, increasing risk of disease. This project helps communities build sustainable solutions so that people stay healthy.

This request also supports Puget Sound Action Agenda implementation. The request specifically supports Ecosystem Strategy 5.4, "Implement and maintain priority floodplain restoration projects". The request supports several Near Term Actions (NTAs), including NTA 2016-0019, "Accelerate Integrated Floodplain Management", which was ranked number seven NTA in Habitat (out of 205 rankings). Several other site-specific floodplain management projects are included as NTAs. In close collaboration with PSP and the Nature Conservancy (primary owner of NTA 2016-0019), we are developing a ranked project list to support this request. This work helps address PSP's goal of restoring at least 15 percent of the floodplain connectivity in the Puget Sound basin.

**What are the specific benefits of this project?**

These multi-benefit flood management projects will result in reduced flood hazards and improved river habitat for salmon and other species. This includes improving habitat for salmon species listed under the Endangered Species Act. It reduces long-term costs by creating more resilient approaches to reducing flood hazard through actions such as moving highly flood-prone development from floodplains and setting back levees to provide additional room for conveyance of floodwaters. These projects will reduce repeated losses due to flood damage. FEMA, the Federal Emergency Management Agency, estimates that three dollars are saved for every one dollar invested in flood hazard mitigation.

This project will also provide economic benefits to the state by creating up to 133 jobs during the next two years based on Office of Financial Management estimates.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:15PM

Project Number: 3000706

Project Title: Floodplains by Design

**Description****How will clients be affected and services change if this project is funded?**

By continuing FbD grants, Ecology will provide ongoing assistance to communities to reduce flood risks, while also improving the natural and beneficial functions of floodplains around the state.

**Are FTEs required to support this project?**

This project requires a total of 4.6 FTEs for the 2017-19 biennium.

FbD program staff provide project oversight, performance and financial management, outreach to local floodplain management agencies, and coordination with our partners the Puget Sound Partnership and The Nature Conservancy. They advise local project sponsors on the expectations of the program and project development, manage active projects including site visits, coordinate with other grant programs and Ecology's Coordinated Strategic Initiative, and assist with Ecology policy and budget development. Staffing needs are dependent on many factors including the number of grants, the complexity of the projects funded, and technical support needs.

**How will the other state programs or units of government be affected if this project is funded?**

An objective of this new program is to improve the coordination and maximize the effectiveness of multiple funding sources to achieve multiple benefits in floodplain management. Other state agencies, including the Department of Fish and Wildlife, Recreation and Conservation Office, and PSP will work to improve funding coordination. Local governments will have new funding for flood hazard and ecosystem projects at the scale required to make a lasting impact. In many cases, grants provided through this program will complement other state and federal grant sources that support salmon habitat restoration.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

No other state fund source exists to achieve the scale of work needed to protect and restore floodplains around the state. Continuing to do floodplain management projects on a piece-meal or site-specific approach may exacerbate the flood hazards for the community, and does not coordinate with other ecosystem actions taken by Ecology and other natural resource agencies. Local resources alone are not adequate to achieve game-changing actions, such as levee setbacks. Relying on local resources creates a burden on economically disadvantaged communities that cannot support significant investments in floodplain management.

**What is the agency's proposed funding strategy for the project?**

Grants will be funded entirely through the State Building Construction Account. Up to 20 percent match will be required from grant recipients for capital projects. Ecology will consider economically disadvantaged communities and other factors in determining match requirements. If appropriation is not received, projects would not go forward. For more information, the program funding guidelines are available at <https://fortress.wa.gov/ecy/publications/documents/1506019.pdf>.

**Proviso**

None



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:15PM

Project Number: 3000706

Project Title: Floodplains by Design

**Description**

**Project Type**

Grants

**Grant Recipient Organization:** Local gov't, tribes, conservation/flood ctrl districts, non-profits, and salmon recovery lead entities

**RCW that establishes grant:** None

**Application process used**

Preliminary proposals are submitted and reviewed by a group made up of Ecology staff and external stakeholders. Pre-proposals are screened for eligibility and those that qualify are asked to submit detailed applications.

**Growth Management impacts**

In some cases, the funded projects would support objectives in local Frequently Flooded Area provisions contained in Critical Area policies.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	350,000,000				70,000,000
	<b>Total</b>	<b>350,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70,000,000</b>
		<b>Future Fiscal Periods</b>				
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	70,000,000	70,000,000	70,000,000	70,000,000	
	<b>Total</b>	<b>70,000,000</b>	<b>70,000,000</b>	<b>70,000,000</b>	<b>70,000,000</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<u>461</u>	<b>Agency Name</b>	<u>Washington State Department of Ecology</u>
<b>Contact Name:</b>	<u>Scott McKinney</u>		
<b>Phone:</b>	<u>360-407-6131</u>	<b>Fax:</b>	<u>360-407-7162</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Fund Name:</b>	<u>State Building Construction Acct</u>
<b>Project Number:</b>	<u>30000706</u>	<b>Project Title:</b>	<u>Floodplains by Design</u>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:34AM

Project Number: 30000796

Project Title: Stormwater Financial Assistance Program

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 12

**Project Summary**

This request for \$44.2 million for Ecology's Stormwater Financial Assistance Program (SFAP) will provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The SFAP will distribute funds to the highest priority projects through a competitive rating and ranking process to ensure projects provide good water quality value and address problems from existing urban development. The work accomplished by local governments will help reduce toxics and other pollution from entering our waterways and protect our marine waters, estuaries, lakes, rivers, and groundwater resources throughout the state. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description****What is the proposed project?**

In 2013, the Legislature used a provision in the 2013-15 Capital Budget (Section 3081) to direct Ecology to develop and implement an ongoing, comprehensive, statewide stormwater financial assistance program. Ecology worked with stakeholders to develop a stormwater funding program – the SFAP – that is incorporated into Ecology's Water Quality Combined Financial Assistance Program. Funding for this program in the 2017-19 Biennium will continue to support constructing stormwater retrofit projects and implementing associated activities with high water quality and ecologic benefit.

The SFAP will provide grant funding for stormwater projects through a competitive rating and ranking funding process. These high priority stormwater improvement projects will support state water quality goals by preventing pollution generated by existing infrastructure from reaching surface waters. Ecology will administer the program through the Water Quality Combined Financial Assistance Program. This program provides a streamlined grant and loan application process for local governments seeking state funding for water quality improvement projects. Projects and activities eligible for funding include planning and installing capital projects and activities that reduce stormwater pollutants. Projects may include, but are not limited to:

- Stormwater basins, pervious pavements, and bio-retention systems that collect runoff from hard surfaces and remove pollutants before the water is released to a water body or infiltrated into the ground.
- Project-specific planning and design to assist jurisdictions in preparing capital improvement projects.
- Toxics source tracing, corrective action, and removal projects. These projects are a cost-effective way of removing sources of toxics and reducing toxics discharge to waterways.
- Prioritized watershed basin retrofit planning and implementation strategies. These projects cross program boundaries (e.g., toxics cleanup sites combined with water quality improvement projects) and may use tools such as Geographic Information System (GIS) mapping to help organize and prioritize stormwater capital improvement projects. This process provides efficiencies of scale and maximizes water quality benefits per dollar invested.

Projects constructed through this program will meet design standards outlined in Ecology's Eastern and Western Washington Stormwater Management Manuals.

Ecology requests \$44.2 million for stormwater project implementation grants in the 2017-19 Biennium. The SFAP is now integrated into Ecology's nationally recognized annual combined funding program to distribute stormwater funds through a statewide competitive rating and ranking process. A separate request for Restore Stormwater funding is related to this request. Ecology will award a portion of this request (\$14.2 million) along with \$15.8 million from the Restore Stormwater request to reach the \$30 million estimated demand for SFAP funding in State Fiscal Year (SFY) 2018. The final ranked SFY 2018 list will be available in January 2017 and will provide information on high-priority statewide stormwater improvement projects. Ecology will use the remaining \$30 million funding (\$44.2 million less \$14.2 million from SFY 2018) to meet the estimated demand in

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:34AM

Project Number: 3000796

Project Title: Stormwater Financial Assistance Program

**Description**

SFAP funding in SFY 2019.

**What opportunity or problem is driving this request?****The reason for the project:**

Polluted stormwater is one of the greatest threats to the health of Washington State waters. Most of this pollution comes from existing infrastructure like buildings, road surfaces, and municipal storm sewer systems built before the Clean Water Act and other environmental regulations. In new and redeveloped areas, developers shoulder most of the cost of treating stormwater. But local jurisdictions are burdened with the expense of cleaning up stormwater problems created by old, ineffective infrastructure. Current municipal stormwater National Pollutant Discharge Elimination System (NPDES) permits do not require retrofitting existing development with stormwater controls; so in many cases, untreated stormwater carrying pollutants from existing infrastructure is released directly into the nearest waterway.

This funding request continues Ecology's ongoing SFAP to address one of the most significant water pollution problems in Washington State. The SFAP will maintain the momentum of work accomplished through previous funding provisions from the past four biennia. Estimates of the need for stormwater retrofit and associated projects to address stormwater pollution problems in Washington State are in the billions of dollars range. The SFAP, integrated with the existing Water Quality Combined Financial Assistance Program, will provide an ongoing source of funds that will incentivize implementing stormwater projects for local governments and establish Washington as a leader in actively protecting its waters from the impacts of stormwater runoff.

**The effects of non-funding:**

Statewide water quality and public health would be impacted if these grant dollars are not available to assist local communities to mitigate the effects of polluted stormwater. The SFAP funds would not be available to local communities for developing and implementing projects that go beyond the requirements of NPDES permits to treat polluted runoff from existing development. Without these funds, capital stormwater improvement projects would not be constructed, and untreated stormwater would continue to pollute Washington's waterways. Untreated stormwater discharges toxic chemicals and other pollutants into waters of the state, which in turn impacts shellfish habitat, fisheries, human health, and other beneficial uses.

**How does the project support the agency and statewide results?**

This request is aligned with, and essential to implementing Ecology's strategic plan goals and strategic priorities:

- Reduce and prepare for climate impacts: During drought and more than average rainfall years, implementing stormwater retrofits and green infrastructure mitigates adverse climate impacts by controlling flow volumes and treating stormwater runoff to remove pollutants.
- Prevent and reduce toxic threats: Funded stormwater projects address stormwater pollutants by implementing stormwater best management practices, constructing stormwater treatment and flow control facilities, and implementing low impact treatment techniques that capture and reduce toxics and other pollutants.
- Deliver integrated water solutions: Some projects funded achieve multiple benefits to both water quality and water resources: including stormwater capture and reuse, infiltration of stormwater runoff, and treatment of polluted stormwater runoff.
- Protect and Restore Puget Sound: On average about 70 percent of the SFAP funds are awarded to projects in the Puget Sound basin. Projects funded lead to direct and indirect improvements to Puget Sound water quality through constructed stormwater pollution control infrastructure that goes above and beyond permit requirements.

This request is essential to support the Governor's Results Washington Goal 3 – Sustainable Energy and Clean Environment. Specifically, Ecology provides regular updates and report outs to the Governor and Goal Council regarding Results G3:3.2a:

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:34AM

Project Number: 30000796

Project Title: Stormwater Financial Assistance Program

**Description**

increase the number of projects that provide stormwater treatment or infiltration.

This request makes a key contribution to statewide results by providing grants for high priority stormwater improvement projects statewide that address Natural Resources strategies to Reduce Negative Impacts on the Environment; Preserve, Maintain and Restore Natural Systems and Landscapes; and Improve Individual Practices and Choices. It also supports salmon recovery efforts.

This request supports Ecology's integrated water quality financial assistance program by leveraging and augmenting loan funds through the Water Pollution Control Revolving Fund (SRF) loan program, the Centennial Clean Water grant program, and the Clean Water Act Section 319 federal grant program. Through the integrated funding program, Ecology continues to apply Lean principles in an effort to improve efficiency in service delivery and improve access to funding for high priority projects that deliver multiple benefits. Cross program and cross agency coordination is also a key element of the water quality financial assistance programs and Ecology is committed to supporting the Infrastructure Assistance Coordinating Council (IACC) as a cross-agency collaborative approach to providing infrastructure, financial and technical assistance to communities throughout Washington.

This request supports Puget Sound Action Agenda implementation through sub-strategy 10.3, Fix Problems Caused by Existing Development by providing funding to cities and counties to retrofit existing development through the Stormwater Financial Assistance Program's competitive grant program. This request directly supports the regional priority 10.3-1: Prioritize where retrofits occur by funding local project planning and design efforts including alternative analysis. This request directly supports regional priority 10.3-4: Research, study and /or pilot legacy pollutant removal programs with intent of filling data gaps. This request funds projects to inspect private parcel Best Management Practices and provides technical assistance to property owners.

**What are the specific benefits of this project?**

The SFAP provides funding to local governments for municipal stormwater management projects that achieve specific environmental and public health benefits, including:

- Improving and protecting water quality by reducing pollutant transport to surface waters.
- Restoring natural hydrology to streams and improving watershed function.
- Promoting groundwater recharge.
- Restoring and protecting designated uses of Washington's waters, such as drinking water, aquatic habitat, and shellfish harvesting.
- Promoting and incentivizing sustainable communities.

This project will also provide economic benefits to the state by creating up to 198 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

Since 2006, Ecology has provided stormwater construction grants to local governments through a series of one-time funding provisions in the state capital budget. If this request is funded, Ecology can continue to support local governments in promoting and incentivizing their ongoing efforts to reduce polluted stormwater runoff to Washington water bodies. Local government stakeholders throughout the state have voiced strong support for an ongoing and stable stormwater financial assistance program that can help them proactively address stormwater management problems and improve environmental sustainability and the health of their local communities.

**Are FTEs required to support this project?**

No FTEs are requested for this project. The 12.95 FTEs required for SFAP technical, budget and financial management are requested in the Restore Stormwater request, and in the reappropriation request for project 30000535.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:34AM

Project Number: 30000796

Project Title: Stormwater Financial Assistance Program

**Description****How will the other state programs or units of government be affected if this project is funded?**

Solving stormwater pollution problems requires the efforts of, and collaboration with, local, state, federal, and tribal governments. Supporting local governments in implementing stormwater projects will also support the efforts of the Puget Sound Partnership, the Department of Commerce, the Department of Natural Resources, the Department of Health, the Washington State Department of Transportation, the U.S. Environmental Protection Agency, and tribal water quality improvement programs.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

To ensure the highest-value and highest priority stormwater projects receive funding, Ecology solicited input through the Stormwater Funding Program Stakeholder work group and the Water Quality Financial Assistance Council. These groups include representatives from local governments; the Puget Sound Partnership; the Washington State Association of Counties; Association of Washington Cities; Washington Public Ports Association; and the Washington Environmental Council. These stakeholder groups helped evaluate options and alternatives to addressing statewide stormwater issues and provided Ecology with input and feedback that led to implementing the SFAP.

During the 2015-17 Biennium, Ecology launched the SFAP as a stormwater-specific funding program that is integrated within the well-established and successful Water Quality Combined Financial Assistance Program and annual funding cycle process.

This request will provide the resources needed to continue Ecology's ongoing, long-term, statewide Stormwater Financial Assistance Program that works hand-in-hand with the existing program and fills the gap in grant funding needed for promoting stormwater projects.

**What is the agency's proposed funding strategy for the project?**

The SFAP has historically been funded with both Model Toxics Control Act (MTCA) funding and State Building Construction Account (SBCA) bond funding and is matched up to 25 percent by local governments. The Hazardous Substance Tax (HST) is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. The MTCA fund balances cannot support new appropriation requests for the SFAP. Projected negative balances in the MTCA accounts in the 2017-19 Biennium mean no MTCA funding can be requested for new stormwater projects. Ecology requests funding from the SBCA to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.

- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:34AM

Project Number: 30000796

Project Title: Stormwater Financial Assistance Program

**Description**

budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.

- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).

- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.

- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

Ecology considered several alternatives to address the MTCA revenue shortfall. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology's ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also funded new investments in stormwater. In the SFAP, both MTCA and SBCA were used to fund important stormwater projects during the economic downturn. Today our economy is in a growth period, stormwater projects are affordable, and there is a high level of interest by local governments to solve stormwater pollution impacts. Providing SBCA funding will allow important, ready-to-proceed stormwater projects to move forward.

Ecology requests \$44.2 million from the SBCA in new funding for projects that reduce toxics and other pollution from entering our waterways and protect our marine waters, estuaries, lakes, rivers, and groundwater resources throughout the state. This will allow important stormwater work to continue on July 1, 2017.

Note: The total amount being requested in bond funding for 2017-19 stormwater projects is \$121.7 million, which includes this \$44.2 million in new projects; \$30.1 million to restore reductions from the 2016 Supplemental Budget; and due to the MTCA revenue shortfall, \$26.5 million for projects that will continue to be delayed in reappropriation 30000535, and \$20.9 million in projects that will be delayed or are under contract and will have to be cancelled in reappropriation 92000076 unless a revenue solution is provided. Traditional new investments in stormwater have averaged around \$73.8 million a biennium over the last three biennia.

**Proviso**

None

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:34AM

Project Number: 30000796

Project Title: Stormwater Financial Assistance Program

**Description**

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	284,200,000				44,200,000
	<b>Total</b>	<b>284,200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>44,200,000</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	60,000,000	60,000,000	60,000,000	60,000,000	
	<b>Total</b>	<b>60,000,000</b>	<b>60,000,000</b>	<b>60,000,000</b>	<b>60,000,000</b>	

**Operating Impacts**

No Operating Impact



## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Kimberly Wagar</u>	<b>Email:</b>	<u>kwag461@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-6614</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057-1</u>	<b>Project Title:</b>	<u>Stormwater Financial Assistance</u>
<b>Project Number:</b>	<u>30000796</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 8:40AM

Project Number: 30000705

Project Title: Centennial Clean Water Program

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 13

**Project Summary**

This request for \$60 million for Ecology's Centennial Clean Water Program (CCWP) will provide grants to public entities to finance the construction of water pollution control facilities and to plan and implement nonpoint pollution control activities. Ecology distributes the funds through an integrated statewide competitive rating and ranking process. Grant recipients are public entities that use the funds to address high priority statewide water quality needs. The work done is an integral and essential part of the state's strategy to reduce pollution and protect our marine waters, estuaries, lakes, rivers, and groundwater resources. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description****What is the proposed project?**

Ecology administers the CCWP by providing grants to finance the construction of water pollution control facilities in small, financially challenged communities, and to plan and implement nonpoint source pollution control activities. Examples of projects funded by the CCWP include:

- Constructing wastewater treatment facilities in financially challenged communities as required by water quality permits and enforcement orders to meet state and federal water quality standards.
- Programs for eliminating or fixing failing onsite sewage systems that cause public health hazards and water quality problems.
- Projects that reduce pollution from urban and rural stormwater runoff.
- Implementing agricultural best management practices to meet water quality standards.
- Watershed planning and implementation projects to improve and protect marine waters, estuaries, rivers, lakes, groundwater, and wetlands.
- Public involvement and education as a component of implementation projects.
- Protecting drinking water sources, groundwater, and critical groundwater recharge areas.

For the 2017–19 Biennium, Ecology is requesting \$60 million in appropriation for statewide water quality implementation grants.

**What opportunity or problem is driving this request?****The reason for the project:**

A number of ongoing and emerging issues drive Washington State water quality funding needs. Ecology works with local governments, special purpose districts, tribes, state and federal agencies, and other stakeholders to ensure financial assistance programs are meeting water quality needs by providing grants that address:

- Aging and new wastewater treatment infrastructure.
- Water quality cleanup plans required under the federal Clean Water Act.
- Advanced wastewater treatment to meet designated uses of the receiving water.
- Wastewater reclamation and reuse.
- Stormwater planning.
- Nonpoint pollution from agricultural, forested, and urban areas.
- Failing onsite sewage systems.
- Water quality needs of financially distressed communities.

Ecology awards grant funds only for wastewater treatment facilities projects where a community can demonstrate that funding the project through public sewer rates will cause a severe financial hardship to the residents of the community. Ecology will offer grant funds up to a maximum of \$5 million, based on a percentage of the total eligible project costs and residential need, to a local government that can demonstrate the project will cause a financial burden to the existing residential ratepayers. Ecology directs all other grant funds to high priority water quality projects that address nonpoint pollution where there is no

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 8:40AM

Project Number: 3000705

Project Title: Centennial Clean Water Program

**Description**

dedicated rate base to pay for the project. This is mandated by rule (chapter 173–95A WAC, Uses and Limitations of Centennial Clean Water Funds).

Based on the small community hardship needs not met last biennium and communications with small community stakeholders with wastewater facility construction needs, Ecology expects the demand for hardship Centennial grants in the 2017-19 Biennium will be nearly \$50 million. The communities in need include Carbonado, Deer Park, Lake Wenatchee, Leavenworth, Mattawa, Morton, Murdock, Riverside, Royal City, Sequim, Spangle, Vader, and Warden.

The historic demand for nonpoint source pollution control projects has been approximately \$30 million per biennium.

**The effects of non-funding:**

Water quality and public health statewide would be impacted if these grant dollars are not available to address water quality facilities and activities projects. Small, financially distressed communities throughout the state would not receive CCWP grant funds to help them construct water pollution control facilities that protect water quality and public health. Grant funds help keep the costs of these projects affordable to ratepayers in financially distressed communities. Without continued investment, watershed and water quality protection and improvement would be at risk, and past investments in water quality and improvements achieved would slowly lead back to impairments. CCWP funds are used to provide a required 40 percent match to the annual Clean Water Act Section 319 federal grant program. Nonpoint source projects funded through the CCWP are used as the match. On average, \$7.4 million in federal funds would be in jeopardy without the CCWP state match. Job creation (infrastructure construction jobs) and economic health (infrastructure capacity) opportunities associated with these projects would not be realized.

**How does the project support the agency and statewide results?**

This request is aligned with, and essential to implementing Ecology's strategic plan goals and strategic priorities:

- Reduce and prepare for climate impacts: Projects funded often help communities prepare for climate impacts through wastewater facility upgrades, water reclamation and reuse, and riparian buffers and floodplain restoration that improve stream function and flow.
- Prevent and reduce toxic threats: Many projects funded address nonpoint pollutant source identification and correction and implementation of best management practices and treatment facilities that capture and reduce toxics and other pollutants.
- Deliver integrated water solutions: Some projects funded achieve multiple benefits to both water quality and water resources, including wastewater reclamation, reuse and aquifer recharge, drinking water source protection, restoring stream corridors and establishing buffers that protect water quality and can also improve water storage and improve summer flow.
- Protect and restore Puget Sound: On average about 50 percent of the financial assistance provided through CCWP funds projects in the Puget Sound basin. Projects funded lead to direct and indirect improvements to Puget Sound water quality through improved water pollution control infrastructure, repair and replacement of failing septic systems, and projects that reduce nonpoint pollution and nutrient discharges.

This request aligns with and is essential to supporting two of the Governor's Results Washington Goals.

Goal 2, Prosperous Economy, directly supporting elements of Business Vitality and Thriving Washingtonians by providing opportunities for quality jobs that are generated when water quality infrastructure is repaired or replaced and the capacity to maintain and grow healthy communities is improved. This proposal supports elements of Sustainable and Efficient Infrastructure and Quality of Life by helping small communities build affordable, effective and sustainable clean water infrastructure projects that reduce impacts to residential rate payers and improve business opportunities that support vibrant communities.

Goal 3, Sustainable Energy and a Clean Environment, directly supporting elements of Sustainable & Clean Environment,

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 8:40AM

Project Number: 3000705

Project Title: Centennial Clean Water Program

**Description**

Healthy Fish & Wildlife, Clean and Restored Environment, and Working & Natural Lands.

- Project proponents are required to evaluate and implement, where feasible, energy and water efficiencies for wastewater and stormwater infrastructure and outline efforts being implemented to reduce greenhouse gas emissions.

- CCWP has a well-established program for repair and replacement of failing onsite sewage systems that directly supports clean, cool water and improvement and protection of shellfish beds. This program also supports healthy and safe communities when failing sewage systems that pose public health risks are identified and corrected.

- Implementing projects that protect and restore stream corridors, implement riparian buffers, and reduce nonpoint pollution through source identification and correction and the implementation of urban and agricultural best management practices directly support clean, cool water, habitat protection, and the protection and restoration of shellfish and pacific salmon. Many CCWP projects improve Puget Sound habitat function and protect and restore estuaries.

- Many CCWP projects integrate an environmental education and outreach component that helps to improve connections with outdoor recreation with an emphasis on environmental and water quality protection and restoration.

This request makes a key contribution to statewide results by providing grants for high priority water quality projects statewide that address Natural Resources strategies to Reduce Negative Impacts on the Environment; Preserve, Maintain and Restore Natural Systems and Landscapes; and Improve Individual Practices and Choices. It also supports salmon recovery efforts.

This request supports Ecology's integrated water quality financial assistance program by leveraging and augmenting loan funds through the Water Pollution Control Revolving Fund (SRF) loan program and the Clean Water Act Section 319 federal grant program. Through the integrated funding program, Ecology continues to apply Lean principles in an effort to improve efficiency in service delivery and improve access to funding for high priority projects that deliver multiple benefits. Cross program and cross agency coordination is also a key element of the water quality financial assistance programs and Ecology is committed to supporting the Infrastructure Assistance Coordinating Council (IACC) as a cross-agency collaborative approach to providing infrastructure, financial and technical assistance to communities throughout Washington.

These projects help local entities reduce pollution of our lakes, rivers, marine waters, and estuaries, and help protect groundwater and streams using CCWP grant funds.

This request supports Puget Sound Action Agenda implementation through sub-strategy 10.1, Managing urban runoff at the basin and watershed by providing funding to local governments through the Clean Water SRF Program and directly supports regional priorities:

-10.1-1: Undertaking basin and watershed planning that integrates land use planning and stormwater management by providing financial assistance for basin and watershed planning focused on stormwater management and nonpoint source pollution identification and control.

-10.1-2: Undertaking capital planning on catchment or watershed basis by providing financial assistance for watershed or catchment based capital planning with priority given to water quality protection and improvements made through integrated approaches to pollution reduction.

-10.1-3: Developing and implementing approaches that regionalize operational and pollution reduction efforts and activities by providing funding with an emphasis on regional approaches to constructing pollution control activities. Clean Water SRF provides funding for design construction phases for permitted facility projects.

This request also supports sub-strategy 11.1, Targeting Voluntary and Incentive-base Programs that Help Working Farms Contribute to Puget Sound Recovery and 13.3, Improving and Expanding Funding for Small Onsite Sewage Systems (OSS) and Local OSS Programs.

**What are the specific benefits of this project?**

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 8:40AM

Project Number: 3000705

Project Title: Centennial Clean Water Program

**Description**

The CCWP provides funding to local governments and tribes for wastewater treatment, nonpoint source pollution control, and watershed and estuary management projects that achieve specific environmental and public health benefits, including:

- Eliminating severe public health hazards and environmental degradation.
- Achieving regulatory compliance with a consent decree, compliance order, Total Maximum Daily Loads (TMDLs), or waste load allocation.
- Restoring and protecting designated uses of Washington's waters, such as drinking water, aquatic habitat, and shellfish harvesting.

Economic Impact: This request will also provide economic benefits to the state by creating up to 153 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

Funding for this request is critical, because the demand on all funding sources for financial assistance and the cost of water quality infrastructure projects continue to increase. This appropriation will allow local governments to proceed with planning, designing, acquiring, constructing, and improving water pollution control facilities and related nonpoint activities that contribute to meeting state and federal water pollution control requirements. These improvements contribute significantly to protect and restore water quality in the Puget Sound and statewide, and to improve community economic health.

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

Many local governments and tribes propose important water quality projects that cannot be fully funded with one funding source. This is especially true for small, financially distressed communities. Ecology works with local governments and other state and federal agencies to coordinate the funding and technical assistance for wastewater treatment facility projects. Together, these agencies leverage funds to meet the financial situation of the community. Many small communities with large-scale projects use multiple funding sources, including the CCWP, the SRF, Public Works Assistance Account, Community Development Block Grants, the State Tribal Assistance Grant Program, and U.S. Department of Agriculture Rural Development. CCWP funding for nonpoint source projects is also commonly linked with funding from the Recreation Conservation Office, Conservation Commission and Conservation Districts, National Resource Conservation Service, and city and county leveraged projects.

**What is the impact on the state operating budget?**

No impact on the state operating budget.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

This request is for grant pass-through funds that will go to local governments, tribes, and special purpose districts for high priority water quality projects throughout the state, as mandated in chapter 70.146 RCW. This request is the best option to distribute money for water pollution control projects on an equitable, statewide, competitive basis that considers legal mandates, local efforts, ratepayer impacts, and water quality priorities.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 8:40AM

Project Number: 30000705

Project Title: Centennial Clean Water Program

**Description**

What is the agency's proposed funding strategy for the project?

Ecology is requesting \$60 million for CCWP grants from the State Building Construction Account (SBCA), consistent with recent biennial appropriation requests. CCWP funding historically came from the Water Quality Account (WQA). During the 2009 legislative session, the Legislature consolidated the WQA into the General Fund-State. All revenue and expenditures were removed from the WQA and added to the General Fund-State. Ecology requests the 2017-19 CCWP funding come from the SBCA, since the WQA no longer exists, and Model Toxics Control Act funds are not available.

**Proviso**

No

**Project Type**

Grants

**Grant Recipient Organization:** Public entities, local gov'ts, special purpose distr., quasi municipals, fed. recognized tribes.

**RCW that establishes grant:** Chapter 70.146 RCW

**Application process used**

Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the State Revolving Fund, Centennial Clean Water Program, Stormwater Financial Assistance Program, and the Clean Water Act Section 319 federal grant program. The application period begins in August with applications due mid-October. Ecology staff screen, review, and rate and rank the applications from October through December. Project proposals are evaluated and points are assigned according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. The list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2017 Final Offer and Applicant List is available on the Water Quality website: <http://www.ecy.wa.gov/programs/wq/funding/Opp/WQC/CyclePages/WQC2017.html>

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	300,000,000				60,000,000
	<b>Total</b>	<b>300,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,000,000</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	60,000,000	60,000,000	60,000,000	60,000,000	
	<b>Total</b>	<b>60,000,000</b>	<b>60,000,000</b>	<b>60,000,000</b>	<b>60,000,000</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Kimberly Wagar</u>	<b>Email:</b>	<u>kwag461@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-6614</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Centennial Clean Water Program</u>
<b>Project Number:</b>	<u>30000705</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterruptible water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description****What is the proposed project?**

## Legislative Authorization Summary

The 2006 Legislature authorized \$200 million in bonds to implement the Columbia River Basin Water Supply Development Program (Program) that expands available water supply in the Basin; provides replacement supplies for some existing uses; and improves stream flow conditions within the Columbia and Snake Rivers. This request will continue to build on projects currently being implemented and new projects Ecology is managing through the Office of Columbia River (OCR). These projects include pursuing water supplies to benefit both instream and out-of-stream uses through storage, conservation, and voluntary regional water management agreements. Per RCW 90.90.010, bond funds can be used for the following activities:

- Assessing, planning, and developing new storage options.
- Improving or altering operations of existing storage facilities.
- Implementing conservation projects (net water savings achieved through conservation measures will be placed into trust in proportion to the state funding provided to implement a project).
- Other actions designed to provide access to new water supplies within the Columbia River Basin for both instream and out-of-stream uses.

## Results through the 2015–17 Biennium

To date, Ecology has had a variety of successes in leveraging the original \$200 million bond authority. During the 2015-17 biennium, OCR continued to implement the following projects:

**Yakima City Aquifer Storage and Recharge Project** - City of Yakima began recharging water to the aquifer in March 2015, under a permit issued by Ecology. This project has created an additional 10,000 acre-feet of supply via underground storage.

**Weber Siphon Complex** –The second siphon at the Weber Siphon Complex is complete, and project implementation continues with expansion of the East Low Canal and installation of two smaller siphons (Lind #1 and Lind #2). This will allow water delivery to additional areas of the Odessa Subarea, including the southern portion of the Columbia Basin Project (south of Interstate 90). This project is a multi-year construction effort.

**Sullivan Lake Water Supply Project** - By acquiring 14,000 acre-feet of water from the Pend Oreille County Public Utility District, OCR created a rare opportunity to develop new water supplies in an area of the state where few opportunities exist. New water right permits will be issued with 4,700 acre-feet used for municipal, industrial, and domestic water rights; 4,700 acre-feet for

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**Description**

other out-of-stream uses, including irrigation and stock water; and 4,600 acre-feet of water will be kept instream to improve flows in the Pend Oreille River, all the way to the Pacific Ocean. Ecology anticipates completion of this project during the summer of 2016.

During the 2015-17 biennium, OCR implemented four projects that resulted in an additional 19,885 acre-feet of water being developed for municipal, industrial and/or agricultural purposes. Specifically, irrigation efficiency projects increased the total water developed by OCR from roughly 375,815 acre-feet at the end of the 2013-15 biennium to approximately 395,700 acre-feet during the 2015-17 biennium.

The investments made during 2015-17 and prior biennia in Columbia River projects is expected to leverage well over \$50 million in funds from federal and local governments. Projects range from small, short-term, one- to two-year projects to long-term, large water supply projects that take more than ten years to complete. Some projects Ecology is able to fund in full, using only money from program appropriations. Others take a broad group of stakeholders coming together to create a complete funding package. Ecology will continue using the combination of tools available. This includes cost recovery, revenue generation, leveraging to secure outside funding, and work with stakeholders and state, local, and federal partner agencies to develop project-specific funding packages.

2017–19 Projects (detailed project list attached)

Ecology will initiate and complete its third water supply and demand forecast in November 2016. We use this as a long term capital investment planning tool. It identifies and quantifies critical water needs and guides our decisions regarding state investment in water supply development projects. The forecast reports on the current regulatory framework for supply management in the Columbia River Basin and potential changes due to changing legal conditions, policy choices, climate change, and water supply projects. Future demands (beyond the 2017-19 biennium projects) for agriculture, municipalities, hydroelectric power, and instream flows are evaluated in this forecast.

Projects expected to be implemented or continued during the 2017-19 biennium include:

- Odessa Groundwater Replacement Program.
- Icicle Creek Integrated Planning.
- Coordinated Conservation Plans.
- Various surface water storage and aquifer storage and recovery projects.
- Continued water leases from Walla Walla and Lake Roosevelt.
- Pursuit of water right acquisitions.
- Feasibility, design, and scoping new supply development in the Columbia Basin and/or supporting water supply projects coordinated through the West Coast Infrastructure Exchange.

The OCR's proposed project ranking includes criteria that consider the amount of water supply made available and water saved for instream and out-of-stream uses; location of the project; fish benefits of the project; and the ability to measure and enforce water savings. The project list is a working draft subject to change based on local priorities, future legislative appropriations, feasibility assessment outcomes, and permit requirements.

In addition to the \$200 million authorized by chapter 90.90 RCW, Ecology expects funding \$18.9 million in future biennia projects by recovering costs of some projects through loans or grants (loan principle and interest are deposited to Fund 296) or through water service contracts with applicants that receive the new water. These contracts will allow Ecology to recover all or part of the development cost of the project. Charges that will be recovered include Ecology's costs to study, construct, operate, and maintain a project. Ecology will also be able to recapture hydro-power revenue generated by the water supply developed through water contracts.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 3000712

Project Title: Columbia River Water Supply Development Program

**Description****What opportunity or problem is driving this request?****The reason for the project:**

Before chapter 90.90 RCW was enacted in 2006, it was very difficult to provide permanent new water rights in much of the Columbia River Basin. Water managers, business leaders, agricultural interests, environmental and tribal leaders, and others were struggling to find a new way to deal with Eastern Washington's critical water issues.

The problems they faced were immense - aquifers in the Odessa Subarea were rapidly declining, endangering the region's most valuable crop, potatoes. Low stream flows threatened salmon and steelhead. Interruption of water right holders faced frequent curtailment during the height of the irrigation season, and cities struggled to meet the demand for additional water as they grew. New water rights for agriculture, industry, and communities were subjected to years of litigation as various parties fought over the best use of this scarce resource.

New water supplies that could be issued in an attempt to address these issues were and are required in nearly all cases to be interrupted during low-flow periods to protect instream flows for fish. This request will provide a path forward to meet economic and community needs for reliable water supplies, while protecting and enhancing river flows for fish.

**The effects of non-funding:**

The original 2006 bill for the Program (Engrossed Second Substitute House Bill 2860, codified as chapter 90.90 RCW) resolved many conflicts among competing water users in the Columbia River Basin. This law established the only process for achieving instream flows and providing water for communities agreed to by all the affected groups. Availability of extensive capital funding was the critical factor to reaching agreement in the Legislature. If funds are not appropriated for the 2017-19 Biennium, new water for instream and out-of-stream uses - including municipal, agricultural, tribal communities, and fish and wildlife - would not be available. Feasibility studies, other contract work currently in process, and new water supply projects would not be completed or started. Also, valuable progress made in the past 10 years to build a working consensus between historically disparate groups in the basin would likely be lost.

An example of the potential economic impact of not funding this request is illustrated by the Odessa declining aquifer. Right now, 170,000 acres of land in the Odessa Subarea are irrigated with groundwater that, at the current rate of decline, will no longer be a viable source of water within 10 years. Continued funding to bring the only alternative water supply available - surface water - to the area is critical to preserving the agricultural economy of that region. Without this, the state could lose as many as 3,600 jobs and \$840 million each year in regional sales based on Office of Financial Management's 2002 Washington Input/Output model (<http://www.ofm.wa.gov/economy/io/2002/io2002table.xls>).

**How does the project support the agency and statewide results?**

This request supports Ecology's strategic priority to Develop Integrated Water Solutions, and the Governor's Results Washington Goal 3, Sustainable Energy and a Clean Environment. It does this by helping to meet economic and community needs for reliable water supplies, while protecting and enhancing river flows for fish.

This request supports elements of Ecology's Strategic Plan to Deliver Integrated Water Solutions by achieving adequate instream flows and providing water for communities in the Columbia River Basin.

The benefit of improving instream flow and aquatic habitat from reducing on-farm water use (but still allowing crops to be grown) closely aligns with Governor's Results Washington Goal 3 topics: Healthy Fish and Wildlife (sub-topic Pacific Salmon and Wildlife), Clean and Restored Environment (sub-topic Clean, Cool Water) and Working and Natural Lands (sub-topic Habitat Protection and Farmland). By increasing the amount of water instream, fish and wildlife species are more likely to maintain healthy populations from higher water levels (enough water to live and reproduce), reduced water temperatures (enough cool water to better disperse heat), and through overall habitat improvements (food chain is maintained so they can find food to eat, shading from trees and plants is improved so the temperatures do not get too high, spawning grounds are

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**Description**

available with the right size of gravel, etc.) Farmland will benefit as more water is made available to irrigate crops and develop agricultural infrastructure in the Columbia Basin.

This request supports the Governor's priorities related to Economy and Agriculture: Protect and manage scarce resources and enable more efficient movement of time-sensitive agricultural goods through policy actions and infrastructure development.

The objective of this request is to:

- Continue achieving progress on managing water in the Columbia River Basin in a way that helps issue new water rights;
- Protect existing water rights from interruption during drought years; and
- Provide water for municipal permits while enhancing instream values by improving stream flows.

This request will also strengthen long-term strategic relationships with agriculture, industrial, municipal, and tribal communities in Eastern Washington.

**What are the specific benefits of this project?**

Funds identified in this request will be used to continue financing assessments and construction of new water projects and water conservation measures. These infrastructure investments will:

- Expand the available water supply;
- Allow new water rights to be issued; and
- Enhance instream flows in the mainstem Columbia River and some of its tributaries.

The last four biennia have been defining years for the Program. Several important studies are being finalized; negotiations are continuing with project partners, leading to progress on several projects; and additional water is being acquired for agriculture, municipalities, businesses, people, and fish and wildlife. To date, over 395,000 acre-feet of water has been developed and is entering into the process of being perfected, placed into trust, and ultimately permitted in the next couple of years for uses outlined by chapter 90.90 RCW. The new appropriation in this request will fund additional projects that support the progress made to date.

This request will also provide economic benefits to the state by creating up to 116 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

This request will allow Columbia River projects to continue, which expands the portfolio of water available to meet the objectives of chapter 90.90 RCW. These projects are needed to meet the economic and community development needs of people and the instream flow needs for fish. It is difficult to secure new water for out-of-stream uses, due to endangered fish issues and lack of water availability in the Columbia and Snake River Basins. Recent attempts to issue additional water rights have resulted in litigation, and Ecology is not sure how this may impact the Program going forward.

Some studies (including one funded by Ecology and carried out by the National Academy of Sciences) have warned against issuing unmitigated new water appropriations, because of risks to endangered fish in the Columbia River Basin. Continued funding for the Program has allowed, and will continue to allow, the state to work with interest groups across the community to secure new instream and out-of-stream water uses in a cooperative and balanced way. Projects funded through the Program will lead to additional economic activity in communities throughout the region, and allow state government to work in partnership with water stakeholders throughout the region.

**Are FTEs required to support this project?**

This project requires a total of 4.45 FTEs to provide project oversight and management, technical assistance, and stakeholder

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**Description**

coordination to individual projects. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium.

**How will the other state programs or units of government be affected if this project is funded?**

Other state agency programs that support economic, community, and agricultural development and that protect and restore fish species will benefit from this request. The Washington Department of Fish and Wildlife is an active partner in identifying the most critical needs for protecting and enhancing stream flows for fish. The Washington State Conservation Commission (SCC) is managing funds from Ecology's budget related to financing on-farm irrigation efficiency improvements (Capital Budget request Water Irrigation Efficiencies Program). Ecology also funds activities directed by the SCC related to securing potential projects through re-timing studies conducted by the conservation districts. Cities and counties in the Columbia River Basin are strong supporters and active partners. The United States Bureau of Reclamation is a funding partner with Ecology in new storage and conservation projects.

As shown in Attachment A, Ecology is currently working on a broad range of projects. Just as diverse is the spectrum of partners, in addition to those identified above, that are involved in these projects. The portfolio of participants includes, but is not limited to, local governments and conservation districts, irrigation districts, municipal water systems, numerous environmental groups, the Washington Farm Bureau, and other agricultural organizations. These organizations are involved not only in providing policy guidance, but also as grant recipients and project partners critical to successfully implementing these projects. Funding this request means this wide range of partners will benefit from new water storage and conservation projects, along with the associated jobs and capital investment critical to their local economies.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

This request for newly appropriated funds will allow Columbia River Basin water projects to continue in the 2017-19 biennium. ESSHB 2860 (passed in 2006) and 2SHB 1803 (passed in 2011) resolved many conflicts among competing water users in the Columbia River Basin. No other alternatives were considered, because this is the only process agreed to by all affected groups. The availability of extensive capital funding was the linchpin to reaching agreement in the Legislature, and led to passage of the bills. Without capital funding, the agreement among numerous affected groups may not hold together.

**What is the agency's proposed funding strategy for the project?**

New appropriation funding is Ecology's preferred funding strategy to continue the Program projects and achieve further progress on delivering water for agricultural, municipalities, businesses, people, and fish and wildlife in the 2017-19 biennium. Additional projects have been approved for funding and are in negotiation right now. Ecology will use 2017-19 appropriations to provide additional project and grant funding in the next biennium and beyond.

The 2006 Legislature authorized \$200 million in bonds to expand available water supply in the basin; provide replacement supplies for existing uses; and improve stream flow conditions within the Columbia and Snake Rivers. Prior to statutory amendments made in 2011 (2SHB 1803), the projects were designated as governmental use and funded from non-taxable bond proceeds. Now, projects are recognized as both governmental and non-governmental and require funding from non-taxable and taxable bond proceeds. The Columbia River Basin Taxable Bond Water Supply Development Account was created to comply with federal Internal Revenue Service rules and regulations to fund non-governmental related projects.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**Description**

Approximately \$12.5 million remains available for appropriation during the 2017-19 biennium from the original \$200 million authorized for OCR related water supply projects. Funding options include:

- Re-authorize additional dedicated funds for OCR similar to the 2006 legislation;
- Establish new legislation for funding overall water infrastructure;
- Develop a new approach; or
- Provide funding through the State Building Construction Account (057) and State Taxable Building Construction Account (355).

Regardless of the funding source, additional investments will help meet priority needs of the water users in the Columbia River Basin.

Ecology is requesting funding from four sources to meet water supply development demands in the 2017-19 biennium:

- \$12.5 M from Columbia River Basin Water Supply Development Account – 10P;
- \$2.0 M from Columbia River Basin Water Supply Revenue Recovery Account – 296;
- \$4.5 M from State Building Construction Account – 057; and
- \$16.0 M from State Taxable Building Construction Account – 355.

Identifying a long-term funding source for future OCR projects will better coordinate commitments amongst the variety of private, local, state, federal and tribal partners.

**Proviso**

None

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	72,500,000				4,500,000
10P-1	Col River Water-State	12,500,000				12,500,000
296-1	Col River Bas Wtr Su-State	10,000,000				2,000,000
355-1	St. Bld Const Acct-State	80,000,000				16,000,000
<b>Total</b>		<b>175,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,000,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	17,000,000	17,000,000	17,000,000	17,000,000

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
10P-1	Col River Water-State				
296-1	Col River Bas Wtr Su-State	2,000,000	2,000,000	2,000,000	2,000,000
355-1	St. Bld Const Acct-State	16,000,000	16,000,000	16,000,000	16,000,000
<b>Total</b>		<b>35,000,000</b>	<b>35,000,000</b>	<b>35,000,000</b>	<b>35,000,000</b>

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000826

SubProject Title: Odessa - Odessa Groundwater Replacement Program

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Replacing groundwater withdrawals with a surface water source will ease the burden on the aquifers.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000826

SubProject Title: Odessa - Odessa Groundwater Replacement Program

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
355-1	St. Bld Const Acct-State	15,000,000				15,000,000
	<b>Total</b>	<b>15,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,000,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
355-1	St. Bld Const Acct-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000827

SubProject Title: Odessa - Mitigation



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000827

SubProject Title: Odessa - Mitigation

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Mitigation related projects to facilitate replacing groundwater withdrawals with a surface water source will ease the burden on the aquifers.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
355-1	St. Bld Const Acct-State	500,000				500,000
<b>Total</b>		<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
355-1	St. Bld Const Acct-State	0	0	0	0
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000827

SubProject Title: Odessa - Mitigation

**Operating Impacts**

No Operating Impact

SubProject Number: 30000828

SubProject Title: Department of Ecology Staffing

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterruptible water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Agency costs for project management, oversight, technical assistance, financial management and administration related to implementing capital projects for both the Columbia River and the Yakima Integrated Plan.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000828

SubProject Title: Department of Ecology Staffing

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
10P-1	Col River Water-State	1,400,000				1,400,000
	<b>Total</b>	<b>1,400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,400,000</b>
<u>Future Fiscal Periods</u>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
10P-1	Col River Water-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Operating Impacts

No Operating Impact

SubProject Number: 30000829

SubProject Title: Department of Fish and Wildlife Support

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Agency costs for species, fish, wildlife and habitat technical assistance related to implementing capital projects.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000829

SubProject Title: Department of Fish and Wildlife Support

Grant Recipient Organization: N/A

RCW that establishes grant: None.

**Application process used**

Ecology uses its Environmental Protection Agency (EPA) acclaimed nationwide model that integrates the application evaluation offer process for all its water quality financial assistance programs. Ecology uses statewide workshops and a well-publicized, web-based annual application and proposal evaluation cycle to ensure ample outreach and applicant interest and participation. Completed projects will serve as region-wide models of stormwater management and implementation of innovative Low Impact Development techniques.

**Growth Management impacts**

Growth Management Act (GMA) compliance is strongly encouraged and supported by Ecology. Because other funding sources may require GMA compliance to be eligible for funding, an applicant's GMA status will be reflected in its readiness to proceed at time of application.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
10P-1	Col River Water-State	1,800,000				1,800,000
	<b>Total</b>	<b>1,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,800,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
10P-1 Col River Water-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000830

SubProject Title: Coordinated Conservation Columbia Basin Irrigation Districts

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000830

SubProject Title: Coordinated Conservation Columbia Basin Irrigation Districts

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterruptible water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

The three Irrigation Districts and OCR jointly agreed to prepare a Coordinated Water Conservation Plan (Plan). The Plan identifies water conservation projects that allow additional acreage to be served without impacting the Columbia River or disrupting the water supply to existing acreage.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
10P-1	Col River Water-State	3,000,000				3,000,000
	<b>Total</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,000,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000830

SubProject Title: Coordinated Conservation Columbia Basin Irrigation Districts

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
10P-1 Col River Water-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000831

SubProject Title: Icicle Creek Integrated Planning

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterruptible water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Instream and out-of-stream uses of Icicle Creek supply include fish propagation demand, protection of instream resources, municipal and other domestic demand and irrigation. In some years (such as 2001), existing needs exceed available supply. In other years, excess supply exists.

**Location**

City: Leavenworth

County: Chelan

Legislative District: 012

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000831

SubProject Title: Icicle Creek Integrated Planning

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
10P-1	Col River Water-State	4,000,000				4,000,000
	<b>Total</b>	<b>4,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,000,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
10P-1	Col River Water-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000832

SubProject Title: Walla Walla Integrated Planning / Gardena Piping

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000832

SubProject Title: Walla Walla Integrated Planning / Gardena Piping

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Funding to develop an integrated plan for addressing instream flow issues in the Walla Walla Basin.

**Location**

City: Walla Walla

County: Walla Walla

Legislative District: 016

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000832

SubProject Title: Walla Walla Integrated Planning / Gardena Piping

**Operating Impacts**

No Operating Impact

SubProject Number: 30000833

SubProject Title: Walla Walla Lease

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

OCR will issue term permits from 4,761 ac-ft of water leased from the Port of Walla Walla. The term permits provide water on a temporary basis, allowing time for water users to find a permanent supply. The term permits expire when the lease expires (up to 10 years). This is the next installment to maintain the existing lease agreement that runs through 2020.

**Location**

City: Unincorporated

County: Walla Walla

Legislative District: 016

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000833

SubProject Title: Walla Walla Lease

Funding

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
296-1	Col River Bas Wtr Su-State	1,000,000				1,000,000
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

Future Fiscal Periods

	Account Title	Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
296-1	Col River Bas Wtr Su-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000844

SubProject Title: Franklin D. Roosevelt Lease

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Water service contract with USBR to provide water from Lake Roosevelt to end users. The water will be used to benefit municipal/industrial supply, the Odessa Subarea interruptible water right holders and instream flows. This is the next installment to maintain the existing lease agreement that runs through 2051.

**Location**

City: Coulee Dam

County: Okanogan

Legislative District: 012

**Project Type**

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

**Project Type**

SubProject Number: 30000844

SubProject Title: Franklin D. Roosevelt Lease  
 Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
296-1	Col River Bas Wtr Su-State	1,000,000				1,000,000
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
296-1	Col River Bas Wtr Su-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000834

SubProject Title: Rilette

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000834

SubProject Title: Rilette

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Drill and test sites on publicly-owned lands to locate potential aquifer storage and recovery (ASR) opportunities. ASR projects store water in underground aquifers until it is needed.

**Location**

City: Unincorporated

County: Pend Oreille

Legislative District: 007

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
10P-1	Col River Water-State	1,500,000				1,500,000
	<b>Total</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
10P-1	Col River Water-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000834

SubProject Title: Rilette

**Operating Impacts**

No Operating Impact

SubProject Number: 30000835

SubProject Title: 508-14 WAC Rule Making

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterruptible water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Ecology will propose changes to the rule to make it easier to issue water rights in the 508-14 Area. The current rule, 508-14 WAC, allows Ecology to issue groundwater permits in parts of Adams, Grant and Franklin counties.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000835

SubProject Title: 508-14 WAC Rule Making

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
355-1	St. Bld Const Acct-State	500,000				500,000
<b>Total</b>		<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<u>Future Fiscal Periods</u>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
355-1	St. Bld Const Acct-State					
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Operating Impacts

No Operating Impact

SubProject Number: 30000836

SubProject Title: CRPAG & WAACC Facilitation & Legislative Reports

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Agency costs for stakeholder facilitation and consultant legislative report management and technical assistance related to implementing capital projects.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

**Project Type**

SubProject Number: 30000836

SubProject Title: CRPAG & WAACC Facilitation & Legislative Reports

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000837

SubProject Title: HHH Switzler Storage - EIS

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000837

SubProject Title: HHH Switzler Storage - EIS

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Development of an Environmental Impact Statement related to storage project.

**Location**

City: Benton City

County: Benton

Legislative District: 016

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,000,000				1,000,000
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000837

SubProject Title: HHH Switzler Storage - EIS

**Operating Impacts**

No Operating Impact

SubProject Number: 30000838

SubProject Title: New Water Supply projects/studies/lease payments

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Projects that support instream and out-of-stream demands.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000838

SubProject Title: New Water Supply projects/studies/lease payments

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	1,000,000				1,000,000
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<u>Future Fiscal Periods</u>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Operating Impacts

No Operating Impact

SubProject Number: 30000839

SubProject Title: Water Acquisitions

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Water right acquisitions that support instream and out-of-stream demands.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000839

SubProject Title: Water Acquisitions

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

Application process used

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,000,000				1,000,000
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000840

SubProject Title: Stemilt Water Resource Inventory Area (WRIA) 40A storage study

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000840

SubProject Title: Stemilt Water Resource Inventory Area (WRIA) 40A storage study

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Water storage study in the Stemilt Basin in WRIA 40.

**Location**

City: Wenatchee

County: Chelan

Legislative District: 012

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
10P-1	Col River Water-State	100,000				100,000
	<b>Total</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
10P-1	Col River Water-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000840

SubProject Title: Stemilt Water Resource Inventory Area (WRIA) 40A storage study

**Operating Impacts**

No Operating Impact

SubProject Number: 30000841

SubProject Title: Othello Aquifer Storage & Recharge (ASR)

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Drill and test sites on publicly-owned lands to locate potential aquifer storage and recovery (ASR) opportunities. ASR projects store water in underground aquifers until it is needed.

**Location**

City: Othello

County: Adams

Legislative District: 009

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000841

SubProject Title: Othello Aquifer Storage & Recharge (ASR)

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<u>Future Fiscal Periods</u>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Operating Impacts

No Operating Impact

SubProject Number: 30000842

SubProject Title: Colville

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterrupted water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Develop an Appraisal Report from pre-scoping investigations of the Goose Lake and Nine-mile Flat pumped storage sites to determine if one or more of them should be approved for investigation at the feasibility level of detail.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

**Project Type**

SubProject Number: 30000842

SubProject Title: Colville

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
10P-1	Col River Water-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
10P-1	Col River Water-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000843

SubProject Title: Public-Private Partnership Financing Plans and West Coast Infrast

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000843

SubProject Title: Public-Private Partnership Financing Plans and West Coast Infrac

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterruptible water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

State will use WCX to develop best practices and access hands-on training in innovative financing and maintenance methods. Coordination of innovative infrastructure projects in California, Oregon and Washington.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
10P-1	Col River Water-State	200,000				200,000
	<b>Total</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		10P-1	Col River Water-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000843

SubProject Title: Public-Private Partnership Financing Plans and West Coast Infrast

**Operating Impacts**

No Operating Impact

SubProject Number: 30000914

SubProject Title: Columbia River Water Supply Developmt Pgrm Ten Year Financing Plan

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 15

**Project Summary**

Ecology is requesting \$35 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2017-19 biennium. Specifically, these funds will provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new, uninterruptible water supply for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and place one-third of these new water supplies in-stream to meet the flow needs of fish. With this request, Ecology will deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. (State Building Construction Account, State Taxable Building Construction Account, Columbia River Basin Water Supply Development Account, Columbia River Basin Water Supply Revenue Recovery Account)

**Project Description**

Ten Year Financing Plan.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: None.

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:25PM

Project Number: 30000712

Project Title: Columbia River Water Supply Development Program

**SubProjects**

SubProject Number: 30000914

SubProject Title: Columbia River Water Supply Developmt Pgrm Ten Year Financing Plan

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	68,000,000				
	<b>Total</b>	<b>68,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
296-1	Col River Bas Wtr Su-State	8,000,000				
	<b>Total</b>	<b>8,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
355-1	St. Bld Const Acct-State	64,000,000				
	<b>Total</b>	<b>64,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State	17,000,000	17,000,000	17,000,000	17,000,000
	<b>Total</b>	<b>17,000,000</b>	<b>17,000,000</b>	<b>17,000,000</b>	<b>17,000,000</b>


		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
296-1	Col River Bas Wtr Su-State	2,000,000	2,000,000	2,000,000	2,000,000
	<b>Total</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
355-1	St. Bld Const Acct-State	16,000,000	16,000,000	16,000,000	16,000,000
	<b>Total</b>	<b>16,000,000</b>	<b>16,000,000</b>	<b>16,000,000</b>	<b>16,000,000</b>

Operating Impacts

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Jim Skalski</u>	<b>Email:</b>	<u>jska461@ecy.wa.gov</u>
<b>Phone:</b>	<u>360-407-6617</u>	<b>Fund Name:</b>	<u>Columbia River Basin Water Supply Develop</u>
<b>Fund(s) Number:</b>	<u>10P</u>	<b>Project Title:</b>	<u>Columbia River Water Supply Development</u>
<b>Project Number:</b>	<u>30000712</u>		<u>Program</u> 

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Office of Columbia River (OCR)**  
**Water Supply Projects**  
 July 2017



**Purpose:** The \$200 million program was authorized by the Legislature in 2006 to: expand available water supply in the Columbia River Basin; provide replacement supplies for some unsustainable existing uses; and, improve streamflow conditions in the Columbia and Snake Rivers. Ecology's Office of Columbia River manages the program. Projects and funding amounts are subject to change periodically as individual project scope and feasibility are determined and/or changed to enable Ecology to implement the best water supply solutions available. The Columbia River Policy Advisory Group (CRPAG) provides guidance on project selection and timing.

**Project Ranking:** The ranking provided groups projects into three tiers from highest priority to lowest priority as follows: (1) Odessa, which has already received significant investment and will prevent catastrophic loss of domestic, municipal and agricultural water supplies. Staffing for both Ecology and WDFW is required in order to move all existing and proposed projects forward; (2) all other existing projects that are currently being implemented; and, (3) all other new projects that have not been implemented. Please note that the ranking provided has not been fully vetted with CRPAG partners.

Rank	Project ID	Recipient	Cost	Fund	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
1	Odessa - Odessa Groundwater Replacement Program	East Columbia Irrigation District	15,000,000	355	Replacing groundwater withdrawals with a surface water source will ease the burden on the aquifers.	Various	TBD	TBD	9,13	Multiple Project Locations	
1	Odessa - Mitigation	TBD	500,000	355	Mitigation related projects to facilitate replacing groundwater withdrawals with a surface water source will ease the burden on the aquifers.	Various	TBD	TBD	9,13	Multiple Project Locations	
1	Department of Ecology Staffing	Dept. of Ecology	1,400,000	10P	Agency costs for project management, oversight, technical assistance, financial management and administration related to implementing capital projects for both the Columbia River and the Yakima Integrated Plan.	Various	Various	Various	N/A	No Geographical Location	
1	Department of Fish and Wildlife Support	Dept. of Fish and Wildlife	1,800,000	10P	Agency costs for species, fish, wildlife and habitat technical assistance related to implementing capital projects.	Various	Various	Various	N/A	No Geographical Location	
2	Coordinated Conservation Columbia Basin Irrigation Districts	Various	3,000,000	10P	The three Irrigation Districts and OCR jointly agreed to prepare a Coordinated Water Conservation Plan (Plan). The Plan identifies water conservation projects that allow additional acreage to be served without impacting the Columbia River or disrupting the water supply to existing acreage.	Various	TBD	TBD	8,9	Multiple Project Locations	
2	Icicle Creek Integrated Planning	Chelan County	4,000,000	10P	Instream and out-of-stream uses of Icicle Creek supply include fish propagation demand, protection of instream resources, municipal and other domestic demand and irrigation. In some years (such as 2001), existing needs exceed available supply. In other years, excess supply exists.	Fish Hatchery Road	Leavenworth	Chelan	12	47.55849	-120.67366
2	Walla Walla Integrated Planning / Gardena Piping	Various (Watershed Council, Port, County, etc.)	500,000	057	Funding to develop an integrated plan for addressing instream flow issues in the Walla Walla Basin.	405 West Main Street	Walla Walla	Walla Walla	16	46.06442	-118.34496
2	Walla Walla Lease	Port of Walla Walla	1,000,000	296	OCR will issue term permits from 4,761 ac-ft of water leased from the Port of Walla Walla. The term permits provide water on a temporary basis, allowing time for water users to find a permanent supply. The term permits expire when the lease expires (up to 10 years). This is the next installment to maintain the existing lease agreement that runs through 2020.	N/A	Touchet	Walla Walla	16	46.11983	-118.89913
2	Franklin D. Roosevelt Lease	United States Bureau of Reclamation (USBR)	1,000,000	296	Water service contract with USBR to provide water from Lake Roosevelt to end users. The water will be used to benefit municipal/industrial supply, the Odessa Subarea interruptible water right holders and instream flows. This is the next installment to maintain the existing lease agreement that runs through 2051.	Grand Coulee Dam	Grand Coulee	Okanogan	12	47.9565	-118.98082
2	Rilette	Rilette	1,500,000	10P	Drill and test sites on publicly-owned lands to locate potential aquifer storage and recovery (ASR) opportunities. ASR projects store water in underground aquifers until it is needed.	Various	N/A	Pend Oreille	7	48.435906	-117.317338

Rank	Project ID	Recipient	Cost	Fund	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
2	508-14 WAC Rule Making	Ecology and Stakeholders	500,000	355	Ecology will propose changes to the rule to make it easier to issue water rights in the 508-14 Area. The current rule, 508-14 WAC, allows Ecology to issue groundwater permits in parts of Adams, Grant and Franklin counties.	Various	Various	TBD	9,16	Multiple Project Locations	Multiple Project Locations
2	Columbia River Basin Policy Advisory Group (CRPAG) & Washington Association of Cities and Counties (WAACC) Facilitation & Legislative Reports	CRPAG & WAACC	500,000	057	Agency costs for stakeholder facilitation and consultant legislative report management and technical assistance related to implementing capital projects.	N/A	N/A	N/A	Multiple	No Geographical Location	
2	HHH Switzler Storage - EIS	TBD	1,000,000	057	Development of an Environmental Impact Statement related to storage project.	N/A	Benton	Benton	16	45.96221	-119.10984
3	New Water Supply projects/studies/lease payments	Various	1,000,000	057	Projects that support instream and out-of-stream demands.	Various	TBD	TBD	7,8,9,12,13,14,15,16	Multiple Projects	
3	Water Acquisitions	Various	1,000,000	057	Water right acquisitions that support instream and out-of-stream demands.	Various	TBD	TBD	Various	Multiple Project Locations	
3	Sternilt Water Resource Inventory Area (WRIA) 40A storage study	TBD	100,000	10P	Water storage study in the Sternilt Basin in WRIA 40.	Sternilt Loop Road	Wenatchee	Chelan	12	47.30053	-120.32042
3	Othello Aquifer Storage & Recharge (ASR)	TBD	500,000	057	Drill and test sites on publicly-owned lands to locate potential aquifer storage and recovery (ASR) opportunities. ASR projects store water in underground aquifers until it is needed.	N/A	Othello	Adams	9	46.825974	-119.175291
3	Colville	TBD	500,000	10P	Develop an Appraisal Report from pre-scoping investigations of the Goose Lake and Nine-mile Flat pumped storage sites to determine if one or more of them should be approved for investigation at the feasibility level of detail.	TBD	TBD	TBD	7,12,13	Multiple Projects	
3	Public-Private Partnership Financing Plans and West Coast Infrastructure Exchange (W/CX) Plans	TBD	200,000	10P	State will use W/CX to develop best practices and access hands-on training in innovative financing and maintenance methods. Coordination of innovative infrastructure projects in California, Oregon and Washington.	N/A	TBD	TBD	TBD	TBD	TBD
<b>TOTAL 2017-19 Request</b>			<b>35,000,000</b>								

12,500,000 10P  
 4,500,000 057  
 16,000,000 355  
 2,000,000 296  
35,000,000 Total

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 3000711

Project Title: Yakima River Basin Water Supply

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 16

**Project Summary**

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan (Plan) to provide a comprehensive, long-term water resources and habitat improvement program to address this situation. Ecology is requesting \$31.1 million to continue implementing this program in cooperation with the U.S. Bureau of Reclamation (USBR) and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

**Project Description****What is the proposed project?**

The Yakima River Basin has experienced long-standing, severe problems with water supply and aquatic resources. The cause of those problems are numerous and complex; and the net result is the Yakima River Basin is a drought prone, over-appropriated basin with decimated anadromous fish runs and degraded fish habitat.

The U.S. Geological Survey (USGS) conducted a groundwater study, developed a model, and released a report of findings in September 2011. According to the report, the Yakima River Basin has one of the most complex hydrologic systems in the nation. With increasing frequency, water sources run short, and predictions are for a worsening water supply in the face of climate change. The report and model reinforce that surface and groundwater must be managed as one resource in the Yakima River Basin. Based on the USGS study results, Ecology believes that, in most places in the basin, new groundwater withdrawals – including those for domestic and municipal purposes – will not be legally reliable without mitigation.

In June 2009, Ecology and the USBR brought representatives from the Yakama Nation, irrigation districts, environmental organizations, and federal, state, county, and city governments together to form the Yakima River Basin Water Enhancement Project (YRBWEP) Working Group to help develop a consensus-based solution to the Basin's water problems. Over the next 18 months, the group developed the Yakima River Basin Integrated Water Resource Management Plan (Plan). Ecology and the USBR issued a Programmatic Environmental Impact Statement (PEIS) for the Plan on March 2, 2012. The PEIS serves as a framework for the Plan. In 2013, the Washington State Legislature passed the Yakima River Basin Water Resource Management Act (Second Substitute Senate Bill 5367) now embodied in chapter 90.38 RCW. This legislation authorized implementation of the Plan.

The Plan calls for making substantial improvements in available water supply, constructing fish passage at all in-basin reservoirs, improving fish habitat, and acquiring targeted land parcels for improvements in overall watershed health. The Plan will take 20 to 30 years and about \$3.5 billion to implement. Ecology is pursuing implementation of the Plan as the long-term solution to the problems of the Basin. But Ecology believes it is necessary to pursue short and medium-term solutions between now and the time when the Plan produces benefits. Such solutions need to focus on dealing with current water allocation and management, and specifically address ground and surface water interrelationships identified in the USGS report.

The Plan calls for an additional 450,000 acre-feet of surface storage capacity and saving about 170,000 acre-feet of water during non-drought years through agricultural water conservation efforts. Taken together, the measures are intended to help ensure more water for irrigators in drought years and reduce dependence upon snowpack. These elements of the Plan are focused on meeting existing irrigation needs in drought years and not on making water available for future irrigation development.

The Plan calls for approximately 57,000 acre-feet of water supply for municipal and domestic needs; however, it may take 20 or 30 more years to obtain funding and authorization, and to develop these new water supplies for municipal and domestic purposes only.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 3000711

Project Title: Yakima River Basin Water Supply

**Description**

Interim steps are needed until these new sources of water become available through storage, conservation, and other water management projects. While water resources must be managed conservatively to protect senior users and fisheries, we must seek ways to make water available for growing communities and industries.

Since passage of Second Substitute Senate Bill 5367 in support of the Plan in 2013, the Office Columbia River (OCR) has embarked on an ambitious 30-year effort encompassing an unprecedented breadth of projects and programs designed to solve the water and aquatic resource needs of the Yakima River Basin in south central Washington. Over the last two years, the OCR has worked to advance a wide range of projects from planning, design, permitting, funding, and construction as part of the first 10 years of project development (10-year Initial Development Phase).

The project-by-project activities discussed in this request include concurrent advancement of fish passage, watershed enhancement, and water supply. Many of these efforts also provide improved stream flow in critical reaches, and improvements in other fish habitat conditions. The Legislature appropriated \$30 million in the 2015-17 Biennium for continued implementation of the Plan. These funds are being applied to a variety of projects in combination with funds obtained from other sources.

This request for \$31.1 million will fund continued implementation of projects in the Plan. It will provide measureable progress to address pending water right applications in the Basin, and develop solutions for how new groundwater uses may be achieved through mitigation or other creative programs, such as domestic water reserve programs and expanded water exchanges. It includes \$31.1 million for constructing and implementing Plan water supply projects. All funding identified in this request is from the State Building Construction Account (SBCA) and is state "seed" money that will eventually match a yet-to-be determined amount of federal and local share of the costs.

Results through the 2015-17 Biennium:

1. Teanaway Land Acquisition –The first action purchased (via the Washington Department of Natural Resources (DNR)) and protected 50,000 acres in the watershed in the Yakima River Basin. The state's first "community forest" is currently being managed by DNR and the Department of Fish and Wildlife (WDFW) for conservation, recreational, and commercial uses.

2. Manashtash Creek –This is the first construction project to break ground as part of the 30-year Plan. Between fall 2013 and spring 2015, this project converted 3.2 miles of a Kittitas Reclamation District canal to a pressurized pipeline, conserving over 1,200 acre-feet of water each year. Once improvements to the Reed diversion (a multi-water user diversion project scheduled for completion in summer 2017) are also completed, it will be a key factor for improved access to approximately 25 miles of habitat for Steelhead, Coho, Bull Trout, and Spring Chinook.

3. Miscellaneous Projects –Activities will protect and enhance fish and wildlife. These will improve availability, reliability, and efficiency of water supplies and establish flexible operational enhancements to prepare for the impact of climate change and drought. Specific projects include:

a) Begin constructing fish passage at the Cle Elum Reservoir. The USBR, in coordination with state and federal fish and wildlife agencies and the Yakama Nation, finalized its design for the downstream fish passage facility at Cle Elum Dam in 2014. In July 2015, the USBR awarded a contract for Phase 1 - the bridge across the dam spillway and access roads for the fish passage facilities. Surveying and clearing for the fish passage access road began in November 2015, representing the first step toward project construction. This supports the Yakama Nation's reintroduction of Sockeye Salmon to the Basin and is a first step to achieving fish passage at all of the Basin's reservoirs.

b) The USBR and Ecology issued a Final Environmental Impact Statement on the Cle Elum Pool Raise project in May 2015. In September 2015, the USBR issued a contract for modifications to the radial gates at Cle Elum Dam. Construction is scheduled to begin in 2016, representing the first step in implementing this project. The radial gate modification will allow the USBR to store an additional three feet on top of the existing high-level of the reservoir pool. This will amount to 14,600 acre-feet of new water storage capacity for instream flow benefits. Subsequent steps on this project will involve shoreline improvements to protect public and private properties from erosion associated with the higher pool level.



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**Description**

c) A study is looking at constructing a pipeline from Keechelus Lake to Lake Kachess. Connecting the two reservoirs could allow excess water in one basin to be stored and released from the greater capacity in the other basin. During 2014 and 2015, the USBR performed a feasibility study of the Keechelus-to-Kachess Conveyance (KKC), which would involve constructing a tunnel to transfer water from storage in Keechelus Reservoir to storage in Kachess Reservoir. It also continued a program of geotechnical investigation of rock conditions along the proposed tunnel route. The feasibility study established the cost of the project and refined understanding of project benefits, either for a stand-alone project or a project in combination with a project at Kachess Reservoir. The USBR and Ecology also prepared a Draft Environmental Impact Statement (DEIS), issued in January 2015.

4. Kachess Reservoir Drought Relief Pumping Plant and Keechelus to Kachess Tunnel projects –Ecology and the USBR performed a feasibility study of the Kachess Drought Relief Pumping Plant (KDRPP), which would involve extracting up to 200,000 acre-feet of water from the inactive storage pool of the Kachess Reservoir. The feasibility study established the cost of the project and the benefits, for either a stand-alone project or a project in combination with the KKC. The USBR and Ecology prepared a DEIS, issued in January 2015, covering both KKC and KDRPP. The WDFW completed the first year of sampling associated with a food-web study to determine impacts to the reservoir's primary productivity and effects on Bull Trout and other aquatic species. The WDFW also completed the first of two years of Northern Spotted Owl surveys in a nearby area historically known to be Spotted Owl territory.

In May 2015, the USBR and Ecology conducted a value analysis study to evaluate proposals that may reduce project costs. The USBR held a Value Analysis workshop in June 2015 with HDR, Yakama Nation, and irrigation district staff. The analysis indicated a floating pumping plant option would reduce the construction cost. The pro-ratable irrigation districts are discussing a plan to privately finance a floating pumping plant that could access up to 200,000 acre-feet of storage from the inactive pool of the Kachess Reservoir. The USBR and Ecology are beginning work on a Supplemental DEIS to evaluate the impacts of this alternative.

5. Water conservation projects –Includes various projects that will improve water use efficiency for both agricultural and municipal water users. Projects expected through summer 2017 are:

- Wapato Irrigation Project Piping Satus East Lateral E73.
- Manastash Creek Anderson Diversion Irrigation Water Acquisition.
- Yakima Tieton Irrigation District (Canal headworks improvement).
- Roza Irrigation District Canal Lining.
- City of Yakima – Xeriscape Demonstration Project.
- Wapato Irrigation District (Upper dam rebuild, lower dam removal, conservation plan and canal piping).

6. Aquatic habitat enhancements and watershed enhancement acquisitions –Working with state and federal fish and wildlife agencies and the Yakama Nation, the USBR and Ecology identified a set of actions that would improve resiliency of Bull Trout populations in the Yakima River Basin. This includes four enhancement projects plus assessments designed to lead to additional projects. These activities will be carried out in conjunction with either the KKC or KDRPP projects described below. This program is known as Bull Trout Enhancement (BTE).

In October 2015, the USBR, Ecology, the Yakama Nation, U.S. Fish and Wildlife Service, WDFW, and U.S. Forest Service signed a Memorandum of Understanding to provide a framework for cooperation on developing and implementing Bull Trout restoration and enhancement actions within the Yakima River Basin.

7. Aquifer storage and recovery pilot project –Ecology issued a temporary permit to the City of Yakima in March 2015 to allow the City to begin storing water from the Naches River underground in an aquifer used by the City for supplemental water supply. The City began recharging the aquifer in 2015 and monitored aquifer conditions in response. This is the first step in implementing this project. The City will evaluate installation of recovery wells as part of its capital improvement plan for the municipal water system. Ecology is currently reviewing the City's application for a long-term permit for this system.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**Description**

2017-19 Capital Projects

This request will fund the next installment of the 10-year Initial Development Phase that runs through the 2021-23 Biennium. For the 2017-19 Biennium, proposed projects by the Plan improvement categories include:

1. Habitat: \$5.4 million - Tributary/Mainstem Habitat Restoration Projects  
Fish habitat enhancement program will address mainstem and tributary habitat restoration priorities, such as flow restoration, fish barrier removal, and screening diversions.
2. Fish Passage: \$10.5 million - Cle Elum and Clear Lake Dam Passage  
Proposed down-stream / up-stream fish passage facility.
3. Structural & Operational Modifications: \$3.0 million - Cle Elum Pool Raise  
Increase available storage of Lake Cle Elum by approximately 14,600 acre-feet by raising lake level three feet (from 2,240 to 2,243 feet).
4. Surface Storage: \$5.4 million - KDRPP and Wymer or Bumping Reservoir  
The KDRPP project will provide additional pump capacity on Lake Kachess that will allow access to another 200,000 acre-feet of water from the lake. The Bumping and Wymer storage options will modify and enlarge Bumping Lake to a total active capacity of 190,000 acre-feet (current capacity is 33,700 acre-feet) OR Wymer will provide new 162,500 acre-feet off-channel storage facility in the intermittent stream channel of Lmuma Creek, eight miles upstream of Roza Dam.
5. Groundwater Storage: \$1.1 million - Regional Storage Options  
Regional Storage Options (includes aquifer storage and recovery and/or groundwater infiltration) would be accomplished by diverting water (during high flow events) into designed infiltration systems (ponds, canals or spreading areas) to be stored until needed during low flow or drought events. Specific project locations will occur throughout the Yakima Integrated Plan project boundaries.
6. Water Conservation: \$5.1 million – Agricultural/Municipal/Domestic Conservation projects.
7. Market Driven Reallocation: \$0.6 million - General support for markets to exchange water and provide banking opportunities.

**What opportunity or problem is driving this request?****The reason for the project:**

For the past 30 years, several groups in the Yakima River Basin have been actively involved in storage modification, supplementation, and fish enhancement projects. Groups include the Yakama Nation, the USBR, Bonneville Power Administration, U.S. Fish and Wildlife Service, National Marine Fisheries Service, Ecology, WDFW, county and municipal governments, local conservation districts, non-profit organizations, and other landowners and managers. But the current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet aquatic resource demands for fish and wildlife habitat, dry-year irrigation demands, and municipal water supply demands.

Anadromous and resident fish populations are seriously depleted from historic levels, and some species have been eliminated from the Basin or listed as threatened under the Endangered Species Act. The causes of decline for resident fish populations include many obstructions that block fish passage to upstream tributaries and spawning grounds; degraded riparian habitat and floodplain functions by past and present land use practices; and altered streamflows due to heavy irrigation demand that leaves some streamflows too high or too low to provide good fish habitat.

There are many reasons it is difficult to meet demand for current and future municipal and domestic water supplies. First, water rights in the Basin are fully appropriated, which makes it difficult to acquire water to meet future municipal and domestic water demand. Second, pumping groundwater for irrigation and municipal uses has been shown to reduce surface water flows in some locations, which may affect other existing water rights.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**Description**

Finally, climate change projections indicate there will be changes in runoff and streamflow patterns, which will increase the need for prorationing and maintaining flows for fish.

These problems have created a need to restore ecological functions in the Yakima River Basin and to provide more reliable and sustainable water resources for the health of the riverine environment, and for agricultural, municipal, and domestic needs. These problems should be addressed in a way that anticipates increased water demands and changes in water supply related to climate change. In developing the Plan, the USBR, Ecology, and the YRBWEP Working Group identified specific needs for resident and anadromous fish, irrigation water supply, municipal and domestic water supply, and anticipated changes in water supply related to climate change.

**The effects of non-funding:**

If the initial Plan projects are not funded, the USBR and Ecology would not continue implementing the Plan. Without an integrated approach, it is unlikely the USBR and Ecology would be able to procure additional federal or state funding to develop large-scale water storage or fish passage and habitat improvement projects. Ecology expects that securing continuing funding is critical to leveraging future federal appropriations that will help pay for the multi-billion dollar cost of the Plan. So, the existing management structure would remain in place, which has proven to be inadequate for meeting Basin wide water needs. The water future of the Basin would continue to rely on individual actions by various agencies and other entities to improve water resources in the Basin. Current funding sources would be used to continue ongoing programs and those projects already funded.

Although the USBR and Ecology would not implement an integrated approach to improve water resources and fish habitat in the Basin, current management activities and ongoing projects in the Basin would continue. In addition to their involvement with ongoing projects, the USBR and Ecology would continue their activities to manage water resources in the Yakima River Basin. The USBR would continue to study fish passage options at its major reservoirs, consistent with its mitigation agreement with WDFW and outlined in the hydraulic project approval permit, but would not have funding to carry out the projects.

The USBR and Ecology would continue to explore other opportunities for funding and implementing water resource and habitat improvement projects, but no large-scale or integrated actions or projects would likely occur under the No Action Alternative (the expected future condition if no action is taken). Under the No Action Alternative, progress toward achieving the goal of restoring ecological functions in the Basin would likely proceed more slowly and in a more limited way than with a comprehensive funding package.

To fully fund the state's share of the ongoing 10-year Initial Development Phase (2013 through 2023), a state investment of \$100 million to \$110 million over the next three biennia (2017-19, 2019-21, and 2021-23) will be needed. Similar levels of funding will be sought from a combination of federal and private funding sources. Ecology and its partners will continue to implement the program and ongoing developments that may affect project design, costs, hydrologic conditions, fisheries health, and productivity of the Central Washington economy. This will be done adaptively, depending on actual funding levels.

**How does the project support the agency and statewide results?**

This request supports Ecology's strategic priority to Develop Integrated Water Solutions, and the Governor's Results Washington Goal 3, Sustainable Energy and a Clean Environment. It does this by helping to meet economic and community needs for reliable water supplies, while protecting and enhancing river flows for fish.

This request supports elements of Ecology's Strategic Plan to Deliver Integrated Water Solutions by achieving adequate instream flows and providing water for communities in the Yakima River Basin.

There are no specific outcome measures that directly link to this request. However, the benefit of improving instream flow and aquatic habitat from reducing on-farm water use (but still allowing crops to be grown) most closely aligns with Governor's Results Washington Goal 3 topics: Healthy Fish and Wildlife (sub-topic Pacific Salmon and Wildlife), Clean and Restored Environment (sub-topic Clean, Cool Water) and Working and Natural Lands (sub-topic Habitat Protection and Farmland). By

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**Description**

increasing the amount of water instream, fish and wildlife species are more likely to maintain healthy populations from higher water levels (enough water to live and reproduce), reduced water temperatures (enough cool water to better disperse heat), and through overall habitat improvements (food chain is maintained so they can find food to eat, shading from trees and plants is improved so the temperatures do not get to high, spawning grounds are available with the right size of gravel, etc.) Farmland will benefit as more water is made available to irrigate crops and develop agricultural infrastructure in the Columbia Basin.

This request supports the Governor's priorities related to Economy and Agriculture: Protect and manage scarce resources and enable more efficient movement of time-sensitive agricultural goods through policy actions and infrastructure development.

The objective of this request is to:

- Continue achieving progress on managing water in the Yakima River Basin in a way that helps issue new water rights;
- Protect existing water rights from interruption during drought years; and
- Provide water for municipal permits while enhancing instream values by improving stream flows.

This request will also strengthen long-term strategic relationships with agriculture, industrial, municipal, and tribal communities in the Yakima Basin and Eastern Washington.

**What are the specific benefits of this project?**

Requested funds will be used to continue financing assessments and constructing new water projects and water conservation measures. These infrastructure investments will expand the available water supply, allow new water rights to be issued, and enhance instream flows in the Yakima River and its tributaries.

This project will also provide economic benefits to the state by creating up to 72 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

Projects included in this request will continue implementing the entire Plan in the Yakima River Basin. They will expand the portfolio of water resources available to meet the Plan's objectives for the Basin. Both the initial and long-term projects included in the Plan are needed to meet the economic and community development needs of people and the instream flow needs for fish. It is difficult to secure any new water for out-of-stream uses, due to endangered fish issues and lack of water availability in the Yakima River Basin. More details on the Plan can be found at <http://www.ecy.wa.gov/programs/wr/cwp/YBIP.html>.

Funding of this request will allow practical water supply solutions to be started and continue the work with interest groups across the community to secure new instream and out-of-stream water uses in a cooperative and balanced way. Projects funded will lead to additional economic activity in communities throughout the region, and allow state government to work in partnership with water stakeholders throughout the region. Economic vitality in the region will continue while aquatic resources and instream flows are protected.

**Are FTEs required to support this project?**

This project requires 2.19 FTEs to provide project management, scientific expertise, contract oversight and support to implement Plan projects. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium. The OCR manages both Columbia River and Yakima Integrated Plan project portfolios.

**How will the other state programs or units of government be affected if this project is funded?**

Ecology is currently working on a broad range of projects. Just as diverse is the spectrum of partners that are involved in these projects. The portfolio of participants includes, but is not limited to, local conservation districts; irrigation districts; municipal

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**Description**

water systems; numerous environmental groups; agricultural organizations; and state, federal, and local governments. These organizations are involved not only in giving Ecology policy guidance, but will also likely be grant recipients and project partners critical to successfully implementing the Plan. Funding this list of early action projects means this wide range of partners will see new water storage and conservation projects, along with the associated jobs and funds, critical to their local economies.

Other state agency programs that support economic community and agriculture development and protection and restoration of fish species will benefit from these projects. The WDFW is an active partner in identifying the most critical needs for protecting and enhancing streamflows for fish. The Washington State Conservation Commission (SCC) is managing funds from Ecology's project Water Irrigation Efficiencies, related to financing on-farm irrigation efficiencies. Ecology also funds activities directed by the SCC related to securing potential projects through re-timing studies conducted by the conservation districts. Cities and counties in the Yakima River Basin are strong supporters and active partners. The USBR and Ecology are funding partners in new storage and conservation projects.

USBR has a statutory mandate to manage the basin's dams, hydropower facilities, and irrigation infrastructure, and federal requirements to manage streamflows for tribal fisheries and other needs. As such, the federal role must be addressed in any proposed solution. Unprecedented drought conditions in 2015 underscored the urgent need for addressing long-standing water supply challenges in the Yakima Basin. Federal legislation introduced by the Senate in 2015 (S.1694) authorizes federal participation in the Plan by amending the existing law for the Yakima River Basin Watershed Enhancement Project (YRBWEP). If this bill is enacted, the innovative YRBWEP Phase III approach will be a model for 21st century watershed management in other basins because it:

- Considers human and ecological needs at the watershed scale.
- Embodies collaborative, locally-driven decision-making.
- Provides an adaptive framework to support water resilience now and into the future.
- Provides for innovative financing that balances federal trust responsibilities with state cost shares and private financing through public-private partnerships.

Projects included in the YRBWEP Phase III bill will:

- Provide drought relief and water security for one of the most productive agricultural regions in Washington;
- Enhance municipal, industrial, domestic, and instream water supplies through improved water conservation, water marketing and transfers, and storage;
- Significantly enhance the environmental health of the Yakima River and its tributaries. Fish passage projects will restore access to the headwaters of the Cle Elum River which have been blocked for more than 100 years and help restore one of the largest sockeye salmon runs in the lower 48. Stream restoration projects will also protect and restore significant spawning habitat for native and anadromous fish and other species.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

New funds allow Yakima River Basin projects to be started and solutions to historic water supply problems implemented. The availability of extensive capital funding is critical to implementing the Plan and securing future commitments from the federal government. Without the capital funding, the Plan would not be implemented, and existing water supply problems would continue and likely become more volatile in the future.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**Description**

**What is the agency’s proposed funding strategy for the project?**

Ecology proposes using SBCA bonds to fund the projects identified in this request. Using these bonds is the appropriate mechanism to fund multi-million dollar projects that will provide instream and out-of-stream benefits for decades. The funding arrangement with our federal and local partners has not yet been finalized by all parties involved. Multi-party agreements with local irrigation districts and the USBR for a share of the total project cost are being discussed with local, state, and federal partners.

The various parties represented on the YRBWEP Work Group and its committees have forged strong working partnerships that created valuable outcomes for fish and water supply under the challenging conditions posed by the drought in 2015. The 2015 YRBWEP Phase III legislation introduced by the Senate complements RCW 90.38.060, and is a necessary step in securing federal funding at the scale needed to construct major projects. Ecology will continue working collaboratively to implement the Plan and seek non-state funding to complement the significant state investments.

**Proviso**

No

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

**Grant Recipient Organization:** Local Entities

**RCW that establishes grant:** Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Yakima Basin Workgroup.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	171,100,000				31,100,000
	<b>Total</b>	<b>171,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,100,000</b>

Acct Code	Account Title	Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	35,000,000	35,000,000	35,000,000	35,000,000
	<b>Total</b>	<b>35,000,000</b>	<b>35,000,000</b>	<b>35,000,000</b>	<b>35,000,000</b>

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000733

SubProject Title: Habitat - Multiple

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 16

**Project Summary**

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan (Plan) to provide a comprehensive, long-term water resources and habitat improvement program to address this situation. Ecology is requesting \$31.1 million to continue implementing this program in cooperation with the U.S. Bureau of Reclamation (USBR) and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

**Project Description**

Tributary/Mainstream Habitat Restoration Projects - Fish habitat enhancement program would address mainstream and tributary habitat restoration priorities such as flow restoration, fish barrier removal, and screening diversions.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Yakima Basin Workgroup.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	5,400,000				5,400,000
	<b>Total</b>	<b>5,400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,400,000</b>

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**SubProjects**

SubProject Number: 30000733

SubProject Title: Habitat - Multiple

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000734

SubProject Title: Fish Passage - Cle Elum and Clear Lake Dam

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 16

**Project Summary**

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan (Plan) to provide a comprehensive, long-term water resources and habitat improvement program to address this situation. Ecology is requesting \$31.1 million to continue implementing this program in cooperation with the U.S. Bureau of Reclamation (USBR) and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

**Project Description**

Cle Elum and Clear Lake Dam Passage - Proposed downstream / upstream fish passage facility.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Yakima Basin Workgroup.

**Growth Management impacts**

None



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**SubProjects**

SubProject Number: 30000734

SubProject Title: Fish Passage - Cle Elum and Clear Lake Dam

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	10,500,000				10,500,000
	<b>Total</b>	<b>10,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,500,000</b>
<u>Future Fiscal Periods</u>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Operating Impacts

No Operating Impact

SubProject Number: 30000735

SubProject Title: Structural & Operational Modifications - Cle Elum Pool Raise

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 16

**Project Summary**

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan (Plan) to provide a comprehensive, long-term water resources and habitat improvement program to address this situation. Ecology is requesting \$31.1 million to continue implementing this program in cooperation with the U.S. Bureau of Reclamation (USBR) and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

**Project Description**

Cle Elum Pool Raise - Increase available storage of Lake Cle Elum by approximately 14,600 ac-ft by raising lake level 3 feet (from 2,240 to 2,243 feet).

**Location**

City: Kittitas

County: Kittitas

Legislative District: 013

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**SubProjects**

SubProject Number: 30000735

SubProject Title: Structural & Operational Modifications - Cle Elum Pool Raise

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

Application process used

Competitive grants to local entities for projects developed in cooperation with the Yakima Basin Workgroup.

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	3,000,000				3,000,000
	<b>Total</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,000,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000736

SubProject Title: Surface Storage - Kachess Drought Relief Pumping Plant (KDRPP) /

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**SubProjects**

SubProject Number: 30000736

SubProject Title: Surface Storage - Kachess Drought Relief Pumping Plant (KDRPP) /

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 16

**Project Summary**

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan (Plan) to provide a comprehensive, long-term water resources and habitat improvement program to address this situation. Ecology is requesting \$31.1 million to continue implementing this program in cooperation with the U.S. Bureau of Reclamation (USBR) and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

**Project Description**

KDRPP project would provide additional pump capacity on Lake Kachess that would enable access to another 200,000 ac-ft of water from the lake. The Bumping and Wymer storage options would enlarge Bumping Lake to a total active capacity of 190,000 ac-ft (current capacity is 33,700 ac-ft) OR Wymer would provide new 162,500 ac-ft off-channel storage facility in the intermittent stream channel of Lmuma Creek, 8 miles upstream of Roza Dam.

**Location**

City: Kittitas

County: Kittitas

Legislative District: 013

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Yakima Basin Workgroup.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	5,400,000				5,400,000
	<b>Total</b>	<b>5,400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,400,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**SubProjects**

SubProject Number: 30000736

SubProject Title: Surface Storage - Kachess Drought Relief Pumping Plant (KDRPP) /

No Operating Impact

SubProject Number: 30000737

SubProject Title: Groundwater Storage - Multiple Groundwater Storage - Multiple

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 16

**Project Summary**

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan (Plan) to provide a comprehensive, long-term water resources and habitat improvement program to address this situation. Ecology is requesting \$31.1 million to continue implementing this program in cooperation with the U.S. Bureau of Reclamation (USBR) and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

**Project Description**

Regional Storage Options to include ASR and/or groundwater infiltration would be accomplished by diverting water into designed infiltration systems (ponds, canals or spreading areas) prior to storage releases from the Yakima Project.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Yakima Basin Workgroup.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,100,000				1,100,000
	<b>Total</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

SubProjects

SubProject Number: 30000737

SubProject Title: Groundwater Storage - Multiple

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000738

SubProject Title: Water Conservation - Multiple

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 16

Project Summary

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan (Plan) to provide a comprehensive, long-term water resources and habitat improvement program to address this situation. Ecology is requesting \$31.1 million to continue implementing this program in cooperation with the U.S. Bureau of Reclamation (USBR) and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

Project Description

Agricultural/Municipal/Domestic Conservation projects.

Location

City: Statewide

County: Statewide

Legislative District: 098

Project Type

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

Application process used

Competitive grants to local entities for projects developed in cooperation with the Yakima Basin Workgroup.

Growth Management impacts

None

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**SubProjects**

SubProject Number: 30000738

SubProject Title: Water Conservation - Multiple

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	5,100,000				5,100,000
	<b>Total</b>	<b>5,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,100,000</b>

**Future Fiscal Periods**

	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000739

SubProject Title: Market Driven Reallocation - Multiple

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 16

**Project Summary**

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan (Plan) to provide a comprehensive, long-term water resources and habitat improvement program to address this situation. Ecology is requesting \$31.1 million to continue implementing this program in cooperation with the U.S. Bureau of Reclamation (USBR) and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

**Project Description**

General Support for markets to exchange water and provide banking opportunities.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

461 - Department of Ecology  
**Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**SubProjects**

SubProject Number: 30000739

SubProject Title: Market Driven Reallocation - Multiple

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

Application process used

Competitive grants to local entities for projects developed in cooperation with the Yakima Basin Workgroup.

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	600,000				600,000
	<b>Total</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000913

SubProject Title: Yakima River Basin Water Supply Ten Year Financing Plan

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:23PM

Project Number: 30000711

Project Title: Yakima River Basin Water Supply

**SubProjects**

SubProject Number: 30000913

SubProject Title: Yakima River Basin Water Supply Ten Year Financing Plan

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 16

**Project Summary**

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan (Plan) to provide a comprehensive, long-term water resources and habitat improvement program to address this situation. Ecology is requesting \$31.1 million to continue implementing this program in cooperation with the U.S. Bureau of Reclamation (USBR) and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

**Project Description**

Ten Year Financing Plan.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Yakima Basin Workgroup.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	140,000,000				
	<b>Total</b>	<b>140,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	35,000,000	35,000,000	35,000,000	35,000,000
	<b>Total</b>	<b>35,000,000</b>	<b>35,000,000</b>	<b>35,000,000</b>	<b>35,000,000</b>

**Operating Impacts**

No Operating Impact



## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Jim Skalski</u>	<b>Email:</b>	<u>jska461@ecy.wa.gov</u>
<b>Phone:</b>	<u>360-407-6617</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Yakima River Basin Water Supply</u>
<b>Project Number:</b>	<u>30000711</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Yakima Integrated Plan**  
**Project List (Initial Development Phase)**  
 July 2016



Background: The Legislature authorized implementation of the Yakima Integrated Plan in 2013 (chapter 90.38 RCW) because current water supply does not meet instream or out-of-stream demand, including the aquatic demands for fish and wildlife and the out-of-stream needs of irrigation and municipal supply. The Yakima River Basin Integrated Water Resource Management Plan provides water for agriculture, fish, and communities by: (1) Modifying water system operation and infrastructure; (2) Building fish passage at six existing dams; (3) Implementing enhanced water conservation projects; (4) Creating additional groundwater and surface storage capacity; (5) Enhancing and protecting habitat and increasing in-stream flows; and, (6) Employing water marketing and banking. Projects and funding amounts are subject to change periodically as individual project scope and feasibility are determined and/or changed to enable Ecology to implement the best water supply solutions available.

Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
Habitat - Multiple	5,400,000	Tributary/Mainstem Habitat Restoration Projects - Fish habitat enhancement program would address mainstem and tributary habitat restoration priorities such as flow restoration, fish barrier removal, and screening diversions.	Various	Various	Multiple	13,14,15,16	Multiple	Multiple
Fish Passage - Cle Elum and Clear Lake Dam	10,500,000	Cle Elum and Clear Lake Dam Passage - Proposed downstream / upstream fish passage facility.	Various	Various	Kittitas and Yakima	13,14,15	Multiple	Multiple
Structural & Operational Modifications - Cle Elum Pool Raise	3,000,000	Cle Elum Pool Raise - Increase available storage of Lake Cle Elum by approximately 14,600 ac-ft by raising lake level 3 feet (from 2,240 to 2,243 feet).	Various	Various	Kittitas	13	47.274308	-121.104355
Surface Storage - Kachess Drought Relief Pumping Plant (KDRPP) / Wyrmer and Bumping	5,400,000	KDRPP project would provide additional pump capacity on Lake Kachess that would enable access to another 200,000 ac-ft of water from the lake. The Bumping and Wyrmer storage options would enlarge Bumping Lake to a total active capacity of 190,000 ac-ft (current capacity is 33,700 ac-ft) OR Wyrmer would provide new 162,500 ac-ft off-channel storage facility in the intermittent stream channel of Lumma Creek, 8 miles upstream of Roza Dam.	Various	Various	Kittitas and Yakima	13,14,15	Multiple	Multiple
Groundwater Storage - Multiple	1,100,000	Regional Storage Options to include ASR and/or groundwater infiltration would be accomplished by diverting water into designed infiltration systems (ponds, canals or spreading areas) prior to storage releases from the Yakima Project.	Various	Various	Multiple	13,14,15,16	Multiple	Multiple
Water Conservation - Multiple	5,100,000	Agricultural/Municipal/Domestic Conservation projects.	Various	Various	Multiple	13,14,15,16	Multiple	Multiple
Market Driven Reallocation - Multiple	600,000	General Support for markets to exchange water and provide banking opportunities.	Various	Various	Multiple	13,14,15,16	Multiple	Multiple

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 20

**Project Summary**

The United States Bureau of Reclamation (USBR) manages conservation improvements required by the Sunnyside Division Water Rights Settlement Agreement in the Yakima Basin Water Rights Adjudication. (State of Washington, Department of Ecology vs. James J. Acquavella, et al.) These are multiyear projects, and Ecology is requesting additional funding to cover our required state match of 17.5 percent of total project costs for the next four or five biennia. The Sunnyside Valley Irrigation District (SVID) Phase 2B project cost's estimated at \$80 million (\$14 million Ecology cost share) over a 15 year construction period. The Roza project cost's estimated at \$20 million (\$3.5 million Ecology cost share) over a six year construction period. This request includes \$4.68 million to continue the construction schedule for the state's share of the Yakima River Basin Water Enhancement Project in the 2017-19 Biennium. (State Building Construction Account)

**Project Description****What is the proposed project?**

The Yakima River below the Sunnyside Diversion Dam has suffered from chronic low stream flows in late summer and early fall. During the 1977 drought, the river below Sunnyside Dam was dry for a week because the entire flow of the river was diverted for irrigation. That year, a federal court ruling required the United States Bureau of Reclamation (USBR) to release water from storage to avoid dewatering salmon nests. After that, the USBR committed to provide water from storage to keep flows of at least 200 cubic feet per second (cfs) in the Yakima River below Sunnyside Dam.

Federal legislation passed in 1994 established minimum operational target flows of 300 to 600 cfs at the Parker gage below Sunnyside Dam. The target in any particular year is tied to the amount of forecast runoff for that year. Provisions were also included to increase the target flows over time through water acquisition and investments in water conservation. Optimal flows for fish in the reach below Sunnyside Dam are about 1,200 cfs. The goal is to increase the target flows over time to benefit and restore fisheries.

The Sunnyside Division Board of Control operates the Sunnyside Canal to irrigate 99,244 acres for the following entities:

- Sunnyside Valley Irrigation District (SVID) – 86,429 acres
- Grandview Irrigation District – 3,941 acres
- Benton Irrigation District – 4,630 acres
- City of Zillah – 106 acres
- City of Sunnyside – 578 acres
- City of Grandview – 271 acres
- City of Prosser – 425 acres
- Kennewick Ditch Company – 2,400 acres
- Piety Flat Ditch Company – 464 acres

The Sunnyside Canal diverts about 1,200 cfs with maximum instantaneous flow set at the canal capacity of 1,316 cfs at the Sunnyside Diversion Dam on the Yakima River near Parker. The return flow for the Parker diversion is near Benton City.

In May 2003, the Superior Court of Washington for Yakima County confirmed the surface water rights of the Sunnyside Division (a division of the federal Yakima Basin Irrigation Project). This was done under a settlement agreement reached by Sunnyside, Ecology, the USBR, and the Yakama Nation. The parties agreed to implement water conservation measures under the Yakima River Basin Water Enhancement Project (YRBWEP) to reduce diversions to the Sunnyside Division from the Yakima River.

Reduced diversions will be 100 cfs per year, measured at milepost 0.60 on the Sunnyside Canal. SVID Phase I was for 54 cfs and SVID Phase II was for 46 cfs. These phases were funded in previous budgets. Construction of Phase I was completed in

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**Description**

2013, and the full 54 cfs instream target flow was realized during April-October 2014. The SVID Phase 2B project in this request will complete the Phase II work for the 46 cfs. The Roza project will contribute an estimated additional 5,523 acre-feet of water above and beyond the initial SVID Phase I and II savings of 100 cfs per year.

In addition to Sunnyside, all other irrigation districts that receive irrigation water from the USBR Yakima reservoirs are eligible for YRBWEP funding if they have an approved feasibility study. Roza and Kennewick Irrigation Districts have approved feasibility studies. Before a district can receive construction money, they must enter into a reversion reduction agreement to reduce the amount of USBR water that will be delivered to them.

Ecology requests funding for the 2017-19 Biennium based on the USBR construction schedule. This includes requests for Roza and the SVID Phase 2B funding.

The YRBWEP sets cost-sharing requirements for eligible projects of 65 percent USBR, 17.5 percent Washington State, and 17.5 percent local participation.

The new funds will provide the state share for the projects described below:

1. USBR received an additional \$9.0 million in Federal Fiscal Year 2016 to contribute to both the SVID Phase 2B and Roza projects. These additional funds will be used to slightly accelerate the construction schedules of these projects and is in addition (one-time) to the funding described below for each project. The Ecology funding match of 17.5 percent amounts to \$1,346,154 for the Roza agreement and \$1,076,923 for the SVID agreement. The 2017-19 Biennium total cost is estimated at \$13.85 million (Ecology \$2.43 million, SVID \$2.43 million, and USBR \$9.0 million).
2. SVID Phase 2B – This project consists of piping the remaining laterals over the next 15 years. Total project cost is estimated at \$80.0 million (Ecology share is \$14.0 million, SVID share is \$14.0 million, and USBR cost is \$52.0 million). The 2017 –2019 biennium total project cost is estimated at \$10.45 million (Ecology \$1.83 million, SVID \$1.83 million, and USBR \$6.79 million).
3. Roza – This overall project consists of final engineering design, environmental review, and constructing a re-regulation reservoir over the next four to five years. A re-regulation reservoir is designed to provide storage within the water distribution system to regulate flows within the system. Without re-regulation reservoirs, the flows down the distribution system would usually need to exceed the estimated amount of water needed by irrigators to assure all irrigators in the distribution system get their full allotment. Total project cost is estimated at \$25.0 million (Ecology share is \$4.375 million, Roza share is \$4.375 million, and USBR share is \$16.25 million). The 2017–2019 Biennium total project cost is estimated at \$355,384 for continuing construction of the re-regulation reservoir (Ecology \$62,192, Roza \$62,192, and USBR \$231,000).
4. USBR estimates that roughly \$1.85 million for the 2017-2019 Biennium is needed for tributary implementation grants to fund YRBWEP projects. The 2017–2019 Biennium total project cost is \$1.85 million for implementing tributary grants for YRBWEP (Ecology \$323,076, Roza \$323,076, and USBR \$1,200,000).

The total project construction budget for the 2017-19 Biennium is \$4,637,095. Staffing resources to provide project management and oversight of these projects is roughly \$46,846 for the 2017-19 Biennium. Total project implementation costs are \$4,684,000 for the 2017-19 Biennium.

**What opportunity or problem is driving this request?**

The reason for the project:

This request is required to meet the conservation and diversion reduction goals outlined in the settlement agreement of the Sunnyside Division water right, and will improve stream flows in the Lower Yakima River.

**The effects of non-funding:**

If funding is not received, Ecology would not be able to fulfill its obligation under the court settlement agreement to fund

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**Description**

YRBWEP. This could place future funding (federal match) in jeopardy, which would delay achieving water conservation goals and attaining instream flow targets contained in the agreement.

**How does the project support the agency and statewide results?**

The Yakima River has been identified as one of the fish–critical rivers needing improved stream flows to restore threatened (and/or endangered) fish species.

This request supports Ecology’s strategic priority to Develop Integrated Water Solutions, and the Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment. It does this by protecting and enhancing river flows for fish.

This request supports elements of Ecology’s Strategic Plan to Deliver Integrated Water Solutions by achieving adequate instream flows in the Yakima River Basin.

There are no specific outcome measures that directly link to this request within the Results Washington Goal 3. However, the benefit of improving instream flow and aquatic habitat from reducing on-farm water use (but still allowing crops to be grown) most closely aligns with Governor’s Results Washington Goal 3 topics: Healthy Fish and Wildlife (sub-topic Pacific Salmon and Wildlife), Clean and Restored Environment (sub-topic Clean, Cool Water) and Working and Natural Lands (sub-topic Habitat Protection). By increasing the amount of water instream, fish and wildlife species are more likely to maintain healthy populations from higher water levels (enough water to live and reproduce), reduced water temperatures (enough cool water to better disperse heat), and through overall habitat improvements (food chain is maintained so they can find food to eat, shading from trees and plants is improved so the temperatures do not get to high, spawning grounds are available with the right size of gravel, etc.)

This request will restore flows for fish–critical stream segments and supports:

- Ecology’s strategic priority to Deliver Integrated Water Solutions,
- The Governor’s priority for the Economy and Outdoor Recreation, and
- The Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment - Outcome measure 2.2 Increase the percentage of ESA-listed salmon and steelhead populations at healthy, sustainable levels from 16 percent to 25 percent by 2022.

Through implementing YRBWEP projects, the local economy is maintained as water conservation measures and alternative supplies are made available to the agricultural community. This allows current agricultural practices to continue, while also restoring instream flow.

**What are the specific benefits of this project?**

Meeting the Sunnyside Diversion reduction requirements will provide an additional 100 cfs per year for instream flows in the Lower Yakima River. This is a critical reach for salmon, due to chronic low flows and high temperatures. Increasing instream flows is an essential part of the strategy to restore threatened fish species in the Yakima Basin. These benefits will not require the Sunnyside Division to give up irrigation of any historically irrigated lands or total acreage.

This project will also provide economic benefits to the state by creating up to 2 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

Agricultural interests and local economies that depend on agriculture will benefit from improved instream flows and improved water use efficiency from this project, along with the Yakama Nation and sport and commercial fishers.

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**Description**

**Are FTEs required to support this project?**

This project requires a total of 0.23 FTE to continue implementing SVID and YRBWEP projects, contract management, oversight, and technical assistance. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium.

**How will the other state programs or units of government be affected if this project is funded?**

The Washington Department of Fish and Wildlife and the Yakama Nation joint effort to restore fish in the Yakima River Basin will benefit from the higher river flows that will occur as a result of this project. The Sunnyside Division and its component irrigation districts, including Roza, will benefit from a more certain water supply, system automation, and other improvements that will be made on division facilities.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

Other options will not meet the court settlement through the USBR. The Sunnyside Division and other eligible irrigation districts within the Yakima Basin are eligible to receive state funding for irrigation system improvements.

**What is the agency's proposed funding strategy for the project?**

Ecology will enter into three party agreements with the local irrigation districts and USBR for each share of the total project cost. The Ecology and local share is 17.5 percent each, and the USBR share is 65 percent. USBR will manage the individual construction projects.

**Proviso**

None

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**Description**

Grant Recipient Organization: Public Agriculture Water Supply Facilities and Federal Gov't Agency

RCW that establishes grant: N/A

**Application process used**

Authorization was the Federal Public Law 103 434 and the Yakima Superior Court Adjudication Water Right Settlement.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	24,684,000				4,684,000
	<b>Total</b>	<b>24,684,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,684,000</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	5,000,000	5,000,000	5,000,000	5,000,000
	<b>Total</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000699

SubProject Title: Roza Irrigation District

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**SubProjects**

SubProject Number: 30000699

SubProject Title: Roza Irrigation District

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 20

**Project Summary**

The United States Bureau of Reclamation (USBR) manages conservation improvements required by the Sunnyside Division Water Rights Settlement Agreement in the Yakima Basin Water Rights Adjudication. (State of Washington, Department of Ecology vs. James J. Acquavella, et al.) These are multiyear projects, and Ecology is requesting additional funding to cover our required state match of 17.5 percent of total project costs for the next four or five biennia. - Sunnyside Valley Irrigation District (SVID) Phase 2B project cost estimated at \$80 million (\$14 million Ecology cost share) over a 15 year construction period. - Roza project cost estimated at \$20 million (\$3.5 million Ecology cost share) over a six year construction period. This request includes \$4.68 million to continue the construction schedule for the state's share of the Yakima River Basin Water Enhancement Project in the 2017-19 Biennium. (State Building Construction Account)

**Project Description**

Re-Regulation Reservoir Construction.

**Location**

City: Sunnyside

County: Yakima

Legislative District: 015

**Project Type**

Grants

Grant Recipient Organization: Public Agriculture Water Supply Facilities and Federal Gov't Agency

RCW that establishes grant: N/A

**Application process used**

Authorization was the Federal Public Law 103 434 and the Yakima Superior Court Adjudication Water Right Settlement.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropr	New Approps
057-1	State Bldg Constr-State	1,408,000				1,408,000
	<b>Total</b>	<b>1,408,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,408,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**SubProjects**

SubProject Number: 30000699

SubProject Title: Roza Irrigation District

No Operating Impact

SubProject Number: 30000700

SubProject Title: Sunnyside Valley Irrigation District

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 20

**Project Summary**

The United States Bureau of Reclamation (USBR) manages conservation improvements required by the Sunnyside Division Water Rights Settlement Agreement in the Yakima Basin Water Rights Adjudication. (State of Washington, Department of Ecology vs. James J. Acquavella, et al.) These are multiyear projects, and Ecology is requesting additional funding to cover our required state match of 17.5 percent of total project costs for the next four or five biennia. - Sunnyside Valley Irrigation District (SVID) Phase 2B project cost estimated at \$80 million (\$14 million Ecology cost share) over a 15 year construction period. - Roza project cost estimated at \$20 million (\$3.5 million Ecology cost share) over a six year construction period. This request includes \$4.68 million to continue the construction schedule for the state's share of the Yakima River Basin Water Enhancement Project in the 2017-19 Biennium. (State Building Construction Account)

**Project Description**

Piping of Lateral Water Distribution System.

**Location**

City: Sunnyside

County: Yakima

Legislative District: 015

**Project Type**

Grants

Grant Recipient Organization: Public Agriculture Water Supply Facilities and Federal Gov't Agency

RCW that establishes grant: N/A

**Application process used**

Authorization was the Federal Public Law 103 434 and the Yakima Superior Court Adjudication Water Right Settlement.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,906,000				2,906,000
	<b>Total</b>	<b>2,906,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,906,000</b>

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**SubProjects**

SubProject Number: 30000700

SubProject Title: Sunnyside Valley Irrigation District

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000701

SubProject Title: Tributary

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 20

**Project Summary**

The United States Bureau of Reclamation (USBR) manages conservation improvements required by the Sunnyside Division Water Rights Settlement Agreement in the Yakima Basin Water Rights Adjudication. (State of Washington, Department of Ecology vs. James J. Acquavella, et al.) These are multiyear projects, and Ecology is requesting additional funding to cover our required state match of 17.5 percent of total project costs for the next four or five biennia. - Sunnyside Valley Irrigation District (SVID) Phase 2B project cost estimated at \$80 million (\$14 million Ecology cost share) over a 15 year construction period. - Roza project cost estimated at \$20 million (\$3.5 million Ecology cost share) over a six year construction period. This request includes \$4.68 million to continue the construction schedule for the state's share of the Yakima River Basin Water Enhancement Project in the 2017-19 Biennium. (State Building Construction Account)

**Project Description**

Tributary Enhancement Projects.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**SubProjects**

SubProject Number: 30000701

SubProject Title: Tributary

Grant Recipient Organization: Public Agriculture Water Supply Facilities and Federal Gov't Agency

RCW that establishes grant: N/A

Application process used

Authorization was the Federal Public Law 103 434 and the Yakima Superior Court Adjudication Water Right Settlement.

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	323,000				323,000
	<b>Total</b>	<b>323,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>323,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000702

SubProject Title: Ecology Project Staff

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**SubProjects**

SubProject Number: 30000702

SubProject Title: Ecology Project Staff

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 20

**Project Summary**

The United States Bureau of Reclamation (USBR) manages conservation improvements required by the Sunnyside Division Water Rights Settlement Agreement in the Yakima Basin Water Rights Adjudication. (State of Washington, Department of Ecology vs. James J. Acquavella, et al.) These are multiyear projects, and Ecology is requesting additional funding to cover our required state match of 17.5 percent of total project costs for the next four or five biennia. - Sunnyside Valley Irrigation District (SVID) Phase 2B project cost estimated at \$80 million (\$14 million Ecology cost share) over a 15 year construction period. - Roza project cost estimated at \$20 million (\$3.5 million Ecology cost share) over a six year construction period. This request includes \$4.68 million to continue the construction schedule for the state's share of the Yakima River Basin Water Enhancement Project in the 2017-19 Biennium. (State Building Construction Account)

**Project Description**

Project Implementation and Oversight Staffing.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Public Agriculture Water Supply Facilities and Federal Gov't Agency

RCW that establishes grant: N/A

**Application process used**

Authorization was the Federal Public Law 103 434 and the Yakima Superior Court Adjudication Water Right Settlement.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	47,000				47,000
	<b>Total</b>	<b>47,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>47,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 30000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**SubProjects**

SubProject Number: 30000702

SubProject Title: Ecology Project Staff

No Operating Impact

SubProject Number: 30000911

SubProject Title: Sunnyside Valley Irrigation Ten Year Financing Plan

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 20

**Project Summary**

The United States Bureau of Reclamation (USBR) manages conservation improvements required by the Sunnyside Division Water Rights Settlement Agreement in the Yakima Basin Water Rights Adjudication. (State of Washington, Department of Ecology vs. James J. Acquavella, et al.) These are multiyear projects, and Ecology is requesting additional funding to cover our required state match of 17.5 percent of total project costs for the next four or five biennia. - Sunnyside Valley Irrigation District (SVID) Phase 2B project cost estimated at \$80 million (\$14 million Ecology cost share) over a 15 year construction period. - Roza project cost estimated at \$20 million (\$3.5 million Ecology cost share) over a six year construction period. This request includes \$4.68 million to continue the construction schedule for the state's share of the Yakima River Basin Water Enhancement Project in the 2017-19 Biennium. (State Building Construction Account)

**Project Description**

Ten Year Financing Plan.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Public Agriculture Water Supply Facilities and Federal Gov't Agency

RCW that establishes grant: N/A

**Application process used**

Authorization was the Federal Public Law 103 434 and the Yakima Superior Court Adjudication Water Right Settlement.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	20,000,000				
<b>Total</b>		<b>20,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 2:21PM

Project Number: 3000673

Project Title: Sunnyside Valley Irrigation District Water Conservation

**SubProjects**

---

SubProject Number: 3000911

SubProject Title: Sunnyside Valley Irrigation Ten Year Financing Plan

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	5,000,000	5,000,000	5,000,000	5,000,000
	<b>Total</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>

**Operating Impacts**

No Operating Impact

---

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	461	<b>Agency Name:</b>	Department of Ecology
<b>Contact Name:</b>	Jim Skalski	<b>Email:</b>	jska461@ecy.wa.gov
<b>Phone:</b>	360-407-6617	<b>Fund Name:</b>	State Building Construction Account
<b>Fund(s) Number:</b>	057	<b>Project Title:</b>	Sunnyside Valley Irrigation District Water Conservation <span style="float: right;">+</span>
<b>Project Number:</b>	30000673		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Sunnyside Valley Irrigation District (SVID)**  
**SVID & ROZA Projects**  
 July 2016



Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
Roza Irrigation District	1,408,346	Re-Regulation Reservoir Construction	125 S. 13th Street	Sunnyside	Yakima	15,16	46.326853	-120.003733
Sunnyside Valley Irrigation District	2,905,673	Piping of Lateral Water Distribution System	120 S. 11th Street	Sunnyside	Yakima	15,16	46.327116	-120.005351
Tributary	323,076	Tributary Enhancement Projects	Various	Various	Yakima	15,16	Various	Various
Ecology Project Staff	46,846	Project Implementation and Oversight Staffing	Various	Various	Yakima	15,17	Various	Various
<b>Total</b>	<b>4,683,941</b>							



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 8:54AM

Project Number: 30000714

Project Title: Watershed Plan Implementation and Flow Achievement

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 22

**Project Summary**

In many areas of the state, uninterrupted water supplies are not available for new uses. This situation is especially acute in rural areas, where individuals rely on permit-exempt wells for their drinking water supply. Tools to provide water supply for new users include development of water banks, creating storage and re-timing runoff, and promoting conservation. Stream flows can be boosted by acquisition of water from senior water right holders, and retiring the water right to provide temporary or permanent instream flow benefits using the trust water program. Significant water supply capital needs have been identified in 29 completed local watershed plans. These plans cover all or parts of 38 statewide Water Resource Inventory Areas (WRIAs) and non-planning basins. Needs include rehabilitating existing water systems; water conservation; and acquiring existing water rights for instream flow and other rural water supply needs. Ecology is requesting a new appropriation of \$10 million to finance capital projects and water acquisition to implement locally developed watershed plans. These projects and acquisitions will help the state, local governments, and other stakeholders meet future rural water supply needs and also achieve recommended instream flows. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description****What is the proposed project?**

Recommendations in the 29 plans from the watershed planning units include new and rehabilitated capital facilities, water storage feasibility studies, water conservation projects, measuring devices, and acquiring water rights. All of these elements will expand the amount of water available within the watersheds to meet current and future needs for water.

There are five specific types of activities that define watershed projects eligible for funding under this program:

1. Water Storage. Grants for developing plans, engineering and financing reports, acquiring lands and facilities, and other preconstruction activities associated with developing water storage and groundwater storage and recovery projects.
2. Water Infrastructure or Conservation Improvement. Projects and other water management actions that benefit stream flows and enhance water supply to resolve conflicts among water needs for municipal water supply, agricultural water supply, and fish restoration. The stream flow improvements and other public benefits secured from these projects must correspond with investment of state funds.
3. Water Monitoring (metering or multi-purpose stream flow gaging). Financial assistance to purchase and install water measuring devices at points of diversion and withdrawal where watershed planning has determined additional water diversion and withdrawal information is needed.
4. Water Rights Acquisition. Funding to acquire water or water rights for achieving instream flow and to establish water banks. Water rights will be purchased or leased to restore stream flows and for other beneficial uses. Water rights purchases and leases will help local communities protect and restore threatened and endangered fish stocks, implement local watershed plans, and meet future water needs. Ecology will focus purchases and leases on fish-critical tributaries in basins that have low-flow problems. Ecology may also look to other non-fish-critical basins where there are opportunities to preserve healthy fish runs and achieve other non-fish related benefits. Acquired water will be protected by placing it into the state's Trust Water Rights Program (chapters 90.38 and 90.42 RCW). Ecology has developed partnerships with the Washington Water Trust and the United States Bureau of Reclamation to market lease and purchase options to local water purveyors and to negotiate fair market value of water rights.
5. Water Efficiency Improvements. Projects for planning, acquiring, constructing, and improving agricultural water supply facilities and achieving water conservation and water use efficiency improvements. The preliminary project list does not have any projects in this category.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 8:54AM

Project Number: 30000714

Project Title: Watershed Plan Implementation and Flow Achievement

**Description**

Formal applications for projects will be submitted to Ecology between August 1, 2016, and October 31, 2016. Ecology will evaluate and score applications based on appropriateness of project costs, water supply conditions, site suitability, matching funds, habitat and instream flow benefits, readiness to proceed, technical merit, and other information submitted by applicants. A panel of Ecology experts in watershed and water supply management will use established scoring criteria to review and score applications. A final ranked award list will be available in December 2016. Final award decisions will be based on the individual score an application receives and the total amount of funding available in the enacted 2017-19 Biennium Capital Budget. The attached draft project list includes three specific projects in need of funding, and \$6.75 million in competitive funding for projects that Ecology will identify in the final ranked list in December 2016.

**What opportunity or problem is driving this request?****The reason for the project:**

This request focuses on implementing capital improvements called for in locally developed watershed plans originally funded through chapter 90.82 RCW, or other local watershed planning efforts including rural water supply workgroups recently established by Ecology. Flexibility in the distribution of these funds will allow Ecology to respond to the varying needs identified in completed plans and by the local stakeholder process.

Ecology uses a competitive grant allocation system to distribute the funds. Watershed planning authorizes local planning units to use Ecology grant funding to develop local plans to address water quantity issues in watersheds across the state. The final plans must be approved by the affected county governments. Types of proposed actions reflect all four required and optional elements of watershed planning: water quantity, water quality, instream flows, and habitat. The plans will have recommendations to fund capital improvement projects and other measures, such as increased metering and water acquisition, to resolve water quantity issues and achieve recommended instream flows. To date, no other funding sources have been authorized to implement the plans.

Ecology and its local partners continue to use appropriations for watershed plan implementation and flow achievement projects with good success. In 2015-17, the Birch Bay Water & Sewer District was awarded roughly \$700,000 to study the feasibility of using groundwater wells to support inter-basin transfers in the water-short Nooksack Basin. In Eastern Washington, the Stevens County Land Services Department received \$275,000 to help establish a water bank for Colville River Basin, which is a closed, water-short basin. In Central Washington, Chelan County Natural Resources Department was awarded \$250,000 to implement a Wenatchee Basin rural water supply and flow achievement project that will improve both water supply and habitat conditions. Many other basins in the state that are priorities for water supply and instream and out-of-stream delivery solutions received funds for irrigated agriculture infrastructure improvements, water banking/exchanges, metering, and aquifer recharge/recovery projects.

**The effects of non-funding:**

Implementing watershed plans and rural water supply development is critical in meeting the expectations and intended outcomes of watershed planning efforts and local stakeholder water development work. Not providing funding to implement watershed plans and other rural water supply solutions would delay meeting the goals of both watershed planning as well as other local efforts in relation to improving instream flows. This would have significant negative effects on short and long-term rural water supply and statewide fish recovery and enhancement objectives.

From 1998 through June 2014, the Legislature invested \$82.3 million from the operating budget for watershed plan development and plan implementation grants and technical assistance from Ecology and the Department of Fish and Wildlife. This includes operating budget allocations to Ecology for instream flow rule development and adoption, and assistance from the Department of Fish and Wildlife for plan implementation related tasks. Another \$102 million was invested through June 2016 for instream flow achievement grants from the capital budget. The return on the significant investment in developing the plans would not be fully realized if watershed plan implementation and flow achievement funding is not provided to carry out projects that improve flow conditions.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 8:54AM

Project Number: 30000714

Project Title: Watershed Plan Implementation and Flow Achievement

**Description****How does the project support the agency and statewide results?**

This request supports Ecology's strategic priority to Develop Integrated Water Solutions, and the Governor's Results Washington Goal 3, Sustainable Energy and a Clean Environment. It does this by helping to meet economic and community needs for reliable water supplies, while protecting and enhancing river flows for fish.

This request supports elements of Ecology's Strategic Plan to Deliver Integrated Water Solutions by achieving adequate instream flows and providing water for communities statewide.

The benefit of improving instream flow and aquatic habitat closely aligns with Governor's Results Washington Goal 3 topics: Healthy Fish and Wildlife (sub-topic Pacific Salmon and Wildlife), Clean and Restored Environment (sub-topic Clean, Cool Water) and Working and Natural Lands (sub-topic Habitat Protection). By increasing the amount of water instream, fish and wildlife species are more likely to maintain healthy populations from higher water levels (enough water to live and reproduce), reduced water temperatures (enough cool water to better disperse heat), and through overall habitat improvements (food chain is maintained so they can find food to eat, shading from trees & plants is improved so the temperatures do not get to hot, spawning grounds are available with the right size of gravel, etc.)

This request restores natural systems and landscapes by assessing, setting, and achieving instream flows. It encourages economic vitality through acquiring water, which makes it available to other instream and out of stream purposes.

This request supports Puget Sound Action Agenda implementation through the strategic initiative for protection and restoration of habitat; Strategy 7 to protect and conserve freshwater resources to increase and sustain water availability for instream flows.

**What are the specific benefits of this project?**

In many areas of the state, uninterrupted water supplies are not available for new uses. Water supply for new users will be made available through the development of water banks, creating storage and re-timing runoff, and promoting conservation. Stream flows will be boosted by acquisition of water from senior water right holders, and retiring the water right to provide temporary or permanent instream flow benefits using the trust water program. The projects funded by this request will enhance stream flows for fish and benefit local economies by improving water storage and infrastructure; providing financial assistance to purchase and install metering devices; and funding water right acquisition, water purchases, and leases to projects.

This project will also provide economic benefits to the state by creating up to 23 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

Watershed planning units and local government entities will receive financial assistance for implementing projects to meet objectives in their watershed and local plans. Local entities will, in some cases, provide matching funds.

**Are FTEs required to support this project?**

This project requires a total of 1.50 FTEs to oversee project management of the individual conservation projects and provide technical expertise for storage feasibility studies and water acquisition. The increase from 2015-17 levels is due to anticipated increase in funding levels and the number of projects implemented that will require additional project management and oversight responsibility for staff managing the agreements.

**How will the other state programs or units of government be affected if this project is funded?**

Projects will help protect and enhance instream flows (Department of Fish and Wildlife) and provide more certainty for local Growth Management Act planning (Department of Commerce).

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 8:54AM

Project Number: 30000714

Project Title: Watershed Plan Implementation and Flow Achievement

**Description****What is the impact on the state operating budget?**

These capital dollars provide resources to implement local watershed plans that were previously funded in the operating budget.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

No other funding source is available specifically for watershed plan implementation.

**What is the agency's proposed funding strategy for the project?**

Formal applications for projects will be submitted to Ecology between August 1, 2016, and October 31, 2016. Ecology will evaluate and score applications based on appropriateness of project costs, water supply conditions, site suitability, matching funds, habitat and instream flow benefits, readiness to proceed, technical merit, and other information submitted by applicants. A panel of Ecology experts in watershed and water supply management will use established scoring criteria to review and score applications. A final ranked award list will be available in December 2016. Final award decisions will be based on the individual score an application receives and the total amount of funding available in the enacted 2017-19 Capital Budget.

Ecology recommends State Building Construction Account be used to fund implementation of locally developed watershed plans. To date, no other funding sources have been authorized to implement the plans. Ecology proposes funding at the level in this request to provide needed resources for watershed and locally developed plan implementation of capital projects.

**Proviso**

The appropriation in this section is subject to the following conditions and limitations: The appropriation is provided solely for activities that improve rural water supplies and help achieve instream flows by implementing locally developed projects and watershed plans, as follows: (1) Surface or ground water storage projects. The department shall consult with the departments of agriculture and fish and wildlife before issuing water storage grants. (2) Infrastructure or water management projects that resolve conflicts among water needs for municipal, agricultural, rural, and fish restoration purposes. (3) Agricultural water supply projects that improve water conservation and water use efficiency. (4) Purchase and installation of water measuring devices in water-short basins, salmon critical basins, other basins participating in the department of fish and wildlife fish screening and cooperative compliance program, and basins where watershed plans call for additional water use measurement. (5) Acquisition of water to achieve instream flows or to establish water banks. The department must give priority to acquisitions in water-short basins. The department must place acquired water into the state's trust water rights program (chapters 90.38 and 90.42 RCW).

**Project Type**

Grants

**Grant Recipient Organization:** Local entities with an adopted watershed plan or other similar type plan.

**RCW that establishes grant:** Chapter 98.82 RCW

**Application process used**

A competitive grant process will be used for each of the categories funded through this appropriation.

**Growth Management impacts**

N/A

**Funding**

**461 - Department of Ecology  
Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 8:54AM

Project Number: 30000714

Project Title: Watershed Plan Implementation and Flow Achievement

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	50,000,000				10,000,000
	<b>Total</b>	<b>50,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,000,000</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	10,000,000	10,000,000	10,000,000	10,000,000
	<b>Total</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>10,000,000</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Jim Skalski</u>	<b>Email:</b>	<u>jska461@ecy.wa.gov</u>
<b>Phone:</b>	<u>360-407-6617</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Watershed Plan Implementation and Flow Achievement</u>
<b>Project Number:</b>	<u>30000714</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Watershed Capital**  
**Watershed Feasibility, Infrastructure, Measuring and Acquisition Project Capital Budget Preliminary Project Proposals**  
2017-19 Biennial Budget Proposal

Please Note - Information and details will be updated and verified via the official application submittal process beginning in August 2016. Final project evaluation, ranking and award will not commence until April 2017 and after final capital budget appropriations are identified.

Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
Clallam County Conservation District, Clallam County, City of Sequim, etc.	4,000,000	River Road / Department of Natural Resources Reservoir - assessment and design efforts for the proposed River Road off-stream storage reservoir on Department of Natural Resources (DNR) property	River Road	Sequim	Clallam	24	48.05207	-123.139443
Washington Water Trust / Trout Unlimited	4,000,000	Water Acquisition Projects - Statewide	TBD	Multiple	Multiple	Various	TBD	TBD
Whatcom County, Whatcom PUD, etc.	250,000	Water Banking - Develop water banking within Whatcom County.	TBD	Multiple	Whatcom	42	TBD	TBD
Chelan County - Natural Resource Department	2,400,000	WCID wishes to make system improvements that would improve instream flow in the Chiwawa and Wenatchee Rivers and WCID's ability to provide water to its customers. Preliminary analysis indicates substantial water savings is available through piping the open ditch in key locations.	TBD	TBD	Chelan	12	TBD	TBD
Clark Public Utility District	5,000,000	Phase IV design and construction will build a well house and water treatment facility that will allow substitution of existing well field production by 2017. This new source of supply will increase baseflows in the East Fork Lewis River by as much as 1.75 cfs, making this a major salmon recovery action in SW Washington.	TBD	Vancouver	Clark	18	TBD	TBD
Toledo city of	475,000	The City of Toledo proposes to abandon one of their two wells that withdraw water from the same closed Lacamas sub-basin aquifer and drill a new test / production well in the deeper Cowlitz aquifer. This action will allow the City to conserve water in the Lacamas aquifer and potentially allow the City to increase their instantaneous withdrawal, which currently is not enough to combat emergency situations.	TBD	Toledo	Lewis	20	TBD	TBD
Washougal city of - Public Works Department	1,528,000	The proposed project will provide an Advanced Metering Infrastructure /Automated Meter Reading (AMI/AMR) system to integrate the existing advanced metering hardware to pro-actively detect and repair water leaks, reduce leak adjustments, and improve overall operational and energy efficiency.	TBD	Washougal	Clark	18	TBD	TBD
Winlock city of	990,000	The proposed project will replace excessively leaking water lines in the City of Winlock's central district. Reducing the water lost due to leakage will reduce the amount of water withdrawn from the aquifer(s).	TBD	Winlock	Lewis	20	TBD	TBD
Klickitat County - Natural Resources Department	89,500	The Purpose of this project is to evaluate the feasibility of developing a WRIA 30/29b watershed bank, development of a structural and operational blue print, develop a plan to implement the recommended approach, and creation of the structural exchange/bank.	TBD	TBD	Klickitat	14	TBD	TBD
Stevens County Conservation District	13,500	Establish or maintain streamflow continuous monitoring stations on 3 streams in the Colville River Watershed - WRIA 59 - to assist in developing a water bank for the WRIA.	TBD	TBD	Stevens	7	TBD	TBD
<b>TOTAL</b>	<b>18,746,000</b>							

\*\*\* *This page intentionally blank.* \*\*\*



Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 3000740

Project Title: Water Irrigation Efficiencies Program

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

**What is the proposed project?**

This request will fund \$6.128 million of potential irrigation efficiency projects identified by conservation districts throughout the state. The projects included in this request focus on irrigation efficiency projects not requested in other 2017-19 Capital Budget requests for the Columbia River Water Supply Development Program, or the Watershed Plan Implementation and Flow Achievement request. Due to the highly specific nature of water supply solutions in any given basin, Ecology is making separate capital budget requests for those projects.

Conservation districts receiving funds manage cost share agreements with landowners to ensure successful project implementation. The conservation districts also work with Ecology to ensure a portion of the water saved by water conservation measures or irrigation efficiency projects will be placed as a purchase or lease into the Trust Water Rights Program (TWRP) to enhance instream flows either permanently or for the life of the improvements.

All irrigation efficiency projects require conservation district and Ecology staff to help the landowner in the project eligibility determination, project design and approval, and net water savings determination. Once this is done, the projects can proceed. The amount of saved water placed into the TWRP must be equal to or exceed the percentage of the public investment in the conservation measure or irrigation efficiency. The public investment must not exceed 85 percent of the total cost of the conservation measure or irrigation efficiency. When awarding cost share agreements, conservation districts must give first priority to family farms and projects in fish critical and water short basins; but they may award for money for projects in other basins if local conditions warrant. Ecology works closely with the SCC when reviewing eligible irrigation efficiency improvement projects.

See Attachment A for details of the following proposed projects requested for the 2017-19 biennium:

Sequim Prairie-Tri Irrigation Association	1,000,000
Highland Irrigation District	500,000
Wenatchee-Chiwawa Irrigation Dist. - Wenatchee River	2,091,444
Reed Ditch	312,500
Cortese/Sorenson #3	170,000
Brunson on Wilson Ck	50,000
Chiliwist - Kvistad/Bishop	96,000
Barkley Ditch south end	79,200
Sub-Total Construction Projects	4,300,000
Irrigation Water Management	500,000
Conservation District Technical Assistance	397,172
WSCC Technical Assistance	411,384
WDFW Flow Meters	300,000
Ecology Trust Water Coordination & Management	220,000

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**Description**

Sub-Total – Project Oversight & Technical Assistance 1,828,000

Total Water Irrigation Efficiencies Program for the 2017-19 biennium is \$6.128 million

NOTE: Irrigation Water Management is a technical assistance activity. But the water savings generated on an annual basis could be used by Ecology, especially in the Columbia River Basin, to issue temporary water rights or shore up interruptible rights on an annual basis. A study of irrigation water management in the Columbia Basin Project area showed a water savings of 17 percent (Columbia Basin Ground Water Management Area – 2005). In the same study area, integrated water management was shown to create a production cost savings averaging \$19 per acre when looking at power and fertilizer costs. Integrated water management also slows aquifer drawdown, reduces ground water pollution, increases production yields, offers greater mold and disease control, saves time, and decreases farm fuel usage.

**What opportunity or problem is driving this request**

**The reason for the project:**

The problem driving this request is a significant one: finding sufficient water supplies to meet the needs of people, farms, and fish. There are several approaches to address this problem, one of which involves improving our water use efficiency. Irrigation for farm production uses significant amounts of water, mostly in the arid regions of the state – and this use impacts water needs for fish. This request addresses that problem by working with landowners who use irrigation to improve the water efficiency of their irrigation systems. A portion of the water saved through these projects is placed back instream to help the state meet other resource needs. With the funding in this request, we will work closely with interested landowners to help projects happen successfully.

**The effects of non-funding:**

If this request is not funded, projects being designed and reviewed would not have funding to proceed. Irrigation efficiencies would not be achieved, and instream flows would not be enhanced. The state would not achieve our resource goals and objectives for water, potentially exacerbating ongoing disputes over water.

**How does the project support the agency and statewide results?**

This request supports Ecology’s strategic priority to Deliver Integrated Water Solutions, and the Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment. It does this by:

- Helping meet the economic and community needs for reliable water supplies, while protecting and enhancing river flows for fish.
- Achieving adequate instream flows and providing water for communities statewide.

There are no specific outcome measures that directly link to this request. However, the benefit of improving instream flow and aquatic habitat from reducing on-farm water use (but still allowing crops to be grown) most closely aligns with Governor’s Results Washington Goal 3 topics: Healthy Fish and Wildlife (sub-topic Pacific Salmon) , Clean and Restored Environment (sub-topic Clean, Cool Water) and Working and Natural Lands (sub-topic Habitat Protection). By increasing the amount of water instream, fish are more likely to maintain healthy populations from higher water levels (enough water to live and reproduce), reduced water temperatures (enough cool water to better disperse heat), and through overall habitat improvements (food chain is maintained so they can find food to eat, shading from trees and plants is improved so the temperatures do not get to high, spawning grounds are available with the right size of gravel, etc.)

This request supports elements of Ecology’s Strategic Plan to Deliver Integrated Water Solutions. The objective of this request is to continue achieving progress on managing water statewide in a way that:

- Helps issue new water rights;
- Protects existing water rights from interruption during drought years; and

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**Description**

- Provides water for municipal permits while enhancing instream values by improving stream flows.

This request will also strengthen long-term strategic relationships with agriculture, industrial, municipal, and tribal communities in Eastern Washington.

**What are the specific benefits of this project?**

This request provides funding to the agriculture community to make on-farm water conservation and efficiency improvements. Water saved by these investments is placed into the TWRP to enhance stream flows. Additional water instream will help restore stream flows for fish and benefit water quality.

This project will also provide economic benefits to the state by creating up to 2 jobs during the next two years based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

This request will continue a program that has been funded by the Legislature in prior biennia for on-farm irrigation system improvements. Funding the program will allow Ecology, the SCC, and conservation districts to implement on-farm projects currently planned and for which demand is high. The agriculture community benefits by having more efficient use of water for irrigation, including reduced labor and maintenance costs. This request also directly enhances the quantity of water instream for fish and other instream flow needs.

**Are FTEs required to support this project?**

This project requires a total of 1.15 FTEs to continue working with conservation districts for a preliminary review of applicant water rights. This will determine the validity of the water rights and assess the net water savings calculation for the irrigation efficiency improvements. This is the same level of FTEs supporting this capital project in prior biennia.

This request also supports 2.0 FTEs at SCC through the funds Ecology passes through to SCC in an interagency agreement.

**How will the other state programs or units of government be affected if this project is funded?**

The SCC benefits from additional state funding for irrigation efficiency improvement projects. Local conservation districts, many in Eastern Washington, benefit from enhanced funding availability for efficiency projects. Flow restoration is supported by state and federal fish agencies and tribes.

This request focuses on irrigation efficiency projects not requested in the Columbia River Water Supply Development Program, or the Watershed Plan Implementation and Flow Achievement request. Due to the highly specific nature of water supply solutions in any given basin, Ecology is making separate capital budget requests for those projects.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

The Water Irrigation Efficiencies Program has been successful to date in achieving on-farm water conservation and restoring stream flows. The eight construction projects included in this request are estimated to return a minimum of 11.3 cubic feet per

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**Description**

second of water to streams. Using water more efficiently is the overall best solution to achieving instream flows while keeping a viable agriculture industry throughout the state. Other solutions, such as water acquisition and increased water rights enforcement, could take agricultural lands out of production. This would result in negative economic impacts throughout the state.

**What is the agency’s proposed funding strategy for the project?**

Ecology proposes using the State Building Construction Account to fund the Water Irrigation Efficiencies Program in the 2017-19 biennium. This funding will support local projects that benefit farmers, conservation districts, and the state’s TWRP, resulting in increased stream flows. This long–running, successful program has provided over 16,130 acre feet of water to the TWRP.

The appropriations are provided solely to provide technical assistance and grants to conservation districts for implementing water conservation measures and irrigation efficiencies. Ecology and the SCC will give preference in order of priority to projects located in the 16 fish critical basins, other water short basins, and/or basins with significant water resource and/or instream flow issues. Projects that are not within these basins are also eligible to receive funding. Conservation districts statewide are eligible for such grants. A conservation district receiving funds will manage each grant to ensure that a portion of the water saved by the water conservation measure or irrigation efficiency will be placed as a purchase or a lease in the TWRP to enhance instream flows. The proportion of saved water placed in the trust water rights program must be equal to the percentage of the public investment in the conservation measure or irrigation efficiency. The public investment may not exceed 85 percent of the total cost of the conservation measure or irrigation efficiency.

**Proviso**

Proviso language ensures funds are directed to most important water supply projects statewide. Suggested language is: The appropriation in this section is subject to the following conditions and limitations: 1. The appropriation is provided solely for technical assistance and grants to conservation districts for the purpose of implementing water conservation measures and irrigation efficiencies. The department and the state conservation commission shall give preference to projects located in the 16 fish critical basins, other water short or drought impacted basins, and basins with significant water resource and instream flow issues. Projects that are not within basins as described in this subsection are also eligible to receive funding. 2. Conservation districts statewide are eligible for grants listed in subsection (1) of this section. A conservation district receiving funds shall manage each grant to ensure that a portion of the water saved by the water conservation measure or irrigation efficiency will be placed as a purchase or a lease in the trust water rights program to enhance instream flows. The proportion of saved water placed in the trust water rights program must be equal to the percentage of the public investment in the conservation measure or irrigation efficiency. The percentage of the public investment may not exceed eighty-five percent of the total cost of the conservation measure or irrigation efficiency. 3. Up to \$300,000 of the appropriation in this section may be allocated for the purchase and installation of flow meters that are implemented in cooperation with the Washington State Department of Fish and Wildlife fish screening program authorized under RCW 77.57.070

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**Description**

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	46,128,000				6,128,000
	<b>Total</b>	<b>46,128,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,128,000</b>

Acct Code	Account Title	Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	10,000,000	10,000,000	10,000,000	10,000,000
	<b>Total</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>10,000,000</b>

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000855

SubProject Title: Sequim Prairie-Tri Irrigation Association

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000855

SubProject Title: Sequim Prairie-Tri Irrigation Association

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

Ditch to pipe conversion; water savings to Trust for instream flows

**Location**

City: Sequim

County: Clallam

Legislative District: 024

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,000,000				1,000,000
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000855

SubProject Title: Sequim Prairie-Tri Irrigation Association

No Operating Impact

SubProject Number: 30000856

SubProject Title: Wenatchee-Chiwawa Irrigation District - Wenatchee River

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

Ditch to pipe conversion; water savings to Trust for instream flows

**Location**

City: Wenatchee

County: Chelan

Legislative District: 012

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,092,000				2,092,000
	<b>Total</b>	<b>2,092,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,092,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

SubProjects

SubProject Number: 30000856

SubProject Title: Wenatchee-Chiwawa Irrigation District - Wenatchee River

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000857

SubProject Title: Reed Ditch

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

Project Summary

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

Project Description

Connect to previously installed pipeline to extend pressurized delivery system to more irrigators

Location

City: Ellensburg

County: Kittitas

Legislative District: 013

Project Type

Grants



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000857

SubProject Title: Reed Ditch

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	313,000				313,000
	<b>Total</b>	<b>313,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>313,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000858

SubProject Title: Barkley Ditch (south end)

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000858

SubProject Title: Barkley Ditch (south end)

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

On-farm irrigation efficiency improvements; water savings to Trust for instream flows

**Location**

City: Twisp

County: Okanogan

Legislative District: 012

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	79,000				79,000
	<b>Total</b>	<b>79,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>79,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000858

SubProject Title: Barkley Ditch (south end)

No Operating Impact

SubProject Number: 30000859

SubProject Title: Highland Irrigation District

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

Ditch to pipe conversion; water savings to Trust for instream flows

**Location**

City: Sequim

County: Clallam

Legislative District: 024

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

SubProjects

SubProject Number: 30000859

SubProject Title: Highland Irrigation District

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000860

SubProject Title: Cortese / Sorenson #3

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

Project Summary

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

Project Description

~85 acres of rill to sprinkler on Parke Creek, continuation of work in the Cherry Ck Tributaries

Location

City: Kittitas

County: Kittitas

Legislative District: 013

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000860

SubProject Title: Cortese / Sorenson #3

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Approps
057-1	State Bldg Constr-State	170,000				170,000
	<b>Total</b>	<b>170,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>170,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000861

SubProject Title: Brunson on Wilson Creek

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000861

SubProject Title: Brunson on Wilson Creek

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

~25 acre of flood to sprinkler, Wilson Creek, ~3.2 cfs of saved water.

**Location**

City: Ellensburg

County: Kittitas

Legislative District: 013

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	50,000				50,000
	<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000861

SubProject Title: Brunson on Wilson Creek

No Operating Impact

SubProject Number: 30000862

SubProject Title: Chiliwist - Kvistad / Bishop

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

On-farm irrigation efficiency improvements; water savings to Trust for instream flows

**Location**

City: Unincorporated

County: Okanogan

Legislative District: 012

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	96,000				96,000
	<b>Total</b>	<b>96,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>96,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

SubProjects

SubProject Number: 30000862

SubProject Title: Chiliwist - Kvistad / Bishop

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000863

SubProject Title: Irrigation Water Management

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

Project Summary

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

Project Description

Conservation District technician writes an irrigation water management plan for irrigators on flow limited streams.

Location

City: Statewide

County: Statewide

Legislative District: 098

Project Type

Grants



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000863

SubProject Title: Irrigation Water Management

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000864

SubProject Title: Conservation District Technical Assistance

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000864

SubProject Title: Conservation District Technical Assistance

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

Grants to irrigation districts for development and oversight of projects and district operations.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	397,000				397,000
	<b>Total</b>	<b>397,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>397,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000864

SubProject Title: Conservation District Technical Assistance

No Operating Impact

SubProject Number: 30000865

SubProject Title: SCC Staffing

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

SCC staff provide program oversight, project design, development and administration assistance to landowners and water purveyors for assessing water savings projects.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	411,000				411,000
	<b>Total</b>	<b>411,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>411,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

SubProjects

SubProject Number: 30000865

SubProject Title: SCC Staffing

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000866

SubProject Title: WDFW Flow Meters

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

Project Summary

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

Project Description

For the design, purchase, and installation of flow meters implemented in cooperation with the Washington State Department of Fish and Wildlife fish screening program under RCW 77.57.070

Location

City: Statewide

County: Statewide

Legislative District: 098

Project Type

Grants

461 - Department of Ecology  
**Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000866

SubProject Title: WDFW Flow Meters

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000867

SubProject Title: Ecology Staffing

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000867

SubProject Title: Ecology Staffing

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

Ecology staffing provides project oversight, administration, determines the validity of water rights, quantifies net water savings, and process Trust Water Right transfers.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	220,000				220,000
	<b>Total</b>	<b>220,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>220,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

SubProject Number: 30000867

SubProject Title: Ecology Staffing

No Operating Impact

SubProject Number: 30000915

SubProject Title: Water Irrigation Efficiencies Program Ten Year Financing Plan

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 25

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through this program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce water loss through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new \$6.128 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

Ten Year Financing Plan

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: None

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	40,000,000				
	<b>Total</b>	<b>40,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 9:00AM

Project Number: 30000740

Project Title: Water Irrigation Efficiencies Program

**SubProjects**

---

SubProject Number: 30000915

SubProject Title: Water Irrigation Efficiencies Program Ten Year Financing Plan

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	10,000,000	10,000,000	10,000,000	10,000,000
	<b>Total</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>10,000,000</b>

**Operating Impacts**

No Operating Impact

---



## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Jim Skalski</u>	<b>Email:</b>	<u>jska461@ecy.wa.gov</u>
<b>Phone:</b>	<u>360-407-6617</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Water Irrigation Efficiencies Program</u>
<b>Project Number:</b>	<u>30000740</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.



**Ecology 2017-19 Biennial Budget Project List  
Irrigation Efficiency Program - Cooperative with State Conservation Commission  
Irrigation Efficiency Projects - Statewide**

Jul 2017

Purpose: Washington's Irrigation Efficiencies Grant Program restores instream flows in rivers and streams determined to not have enough water for fish populations and other compelling needs. The Washington State Conservation Commission (SCC) works with conservation districts to provide financial incentives to landowners willing to install irrigation systems that save water. The water saved helps increase the stream flow in tributaries where Endangered Species Act listed species will benefit. And, in most cases, the more efficient irrigation systems lead to increased crop production due to reduced water stress. Projects are developed jointly by Ecology and SCC staff for consideration and final approval by SCC. Project ranking was completed by SCC.

Rank	Recipient	Cost	Project Description	Project Category Description	Estimated Start	Prgm/Region	Site Address	City	County	Leg. District	Latitude	Longitude
1	Sequim Prairie-Tri Irrigation Association	1,000,000	Ditch to pipe conversion; water savings to Trust for instream flows	Programmatic	July 1, 2017	WRP-SWRO	373 Schmuck Road Sequim, WA 98382	Sequim	Clallam	24	48.079537	-123.101844
2	Wenatchee-Chiwawa Irrigation District - Wenatchee River	2,091,444	Ditch to pipe conversion; water savings to Trust for instream flows	Programmatic	July 1, 2017	WRP-CRO	P.O. Box 97 Leavenworth, WA 98826	Wenatchee	Chelan	24	47.596233	-120.661476
3	Reed Ditch	312,500	Connect to previously installed pipeline to extend pressurized delivery system to more irrigators	Programmatic	July 1, 2017	WRP-CRO	Manastash Rd.	Ellensburg	Kittitas	13	46.996514	-120.547847
4	Barkley Ditch (south end)	79,200	On-farm irrigation efficiency improvements; water savings to Trust for instream flows	Programmatic	July 1, 2017	WRP-CRO	Lower Bear Cr. Rd	Twisp	Okanogan	12	48.363478	-120.122303
5	Highland Irrigation District	500,000	Ditch to pipe conversion; water savings to Trust for instream flows	Programmatic	July 1, 2017	WRP-SWRO	Sequim, WA 98382	Sequim	Clallam	24	48.079537	-123.101844
6	Cortese / Sorenson #3	170,000	~85 acres of rill to sprinkler on Parke Creek, continuation of work in the Cherry Ck Tributaries	Programmatic	July 1, 2017	WRP-CRO	Ferguson Rd	Kittitas	Kittitas	13	46.983182	-120.41701
7	Brunson on Wilson Creek	50,000	~25 acre of flood to sprinkler, Wilson Creek, ~3.2 cfs of saved water.	Programmatic	July 1, 2017	WRP-CRO	Tjossem Rd	Ellensburg	Kittitas	13	46.996514	-120.547847
8	Chilliwist - Kvistad / Bishop	96,000	On-farm irrigation efficiency improvements; water savings to Trust for instream flows	Programmatic	July 1, 2017	WRP-CRO	Chilliwist Rd	Mallot	Okanogan	12	48.282649	-119.706727
n/a	Irrigation Water Management	500,000	Conservation District technician writes an irrigation water management plan for irrigators on flow limited streams.	Programmatic	July 1, 2017	Multiple	Multiple	N/A	N/A	12, 13, 24	N/A	N/A
n/a	Conservation District Technical Assistance	397,172	Grants to irrigation districts for development and oversight of projects and district operations.	Programmatic	July 1, 2017	Multiple	Multiple	N/A	N/A	12, 13, 25	N/A	N/A
n/a	SCC Staffing	411,384	SCC staff provide program oversight, project design, development and administration assistance to landowners and water purveyors for assessing water savings projects.	Programmatic	July 1, 2017	Multiple	Multiple	N/A	N/A	12, 13, 26	N/A	N/A
n/a	WDFW Flow Meters	300,000	For the design, purchase, and installation of flow meters implemented in cooperation with the Washington State Department of Fish and Wildlife fish screening program under RCW 77.57.070	Programmatic	July 1, 2017	Multiple	Multiple	N/A	N/A	12, 13, 27	N/A	N/A
n/a	Ecology Staffing	220,000	Ecology staffing provides project oversight, administration, determines the validity of water rights, quantifies net water savings, and process Trust Water Right transfers.	Programmatic	July 1, 2017	Multiple	Multiple	N/A	N/A	12, 13, 28	N/A	N/A
<b>Total</b>												<b>6,127,700</b>

**Department of Ecology  
2017-2019 Capital Budget**

**Table of Contents**

**Tab D-4      Prevent and Reduce Toxic Threats**

1.	30000704 Restored Eastern Washington Clean Sites Initiative .....	533
2.	30000707 Remedial Action Grants.....	551
3.	30000709 Coordinated Prevention Grants.....	601
4.	30000670 ASARCO Cleanup.....	609
5.	30000742 Eastern Washington Clean Sites Initiative.....	619
6.	30000671 Reducing Toxic Diesel Emissions .....	637
7.	30000674 Reducing Toxic Woodstove Emissions .....	645
8.	30000669 Leaking Tank Model Remedies .....	651
9.	30000708 Swift Creek Natural Asbestos Flood Control and Cleanup .....	691
10.	30000672 Waste Tire Pile Cleanup and Prevention .....	705

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 9

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. The enacted 2016 Supplemental Capital Budget reduced two reappropriations for Eastern Washington cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$2.9 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description****What is the proposed project?**

The Eastern Washington Clean Sites Initiative funds remediation activities on contaminated sites in Eastern Washington. By focusing resources directly to the communities east of the Cascade Mountains, Ecology will have the resources to fund cleanup work related to metals contamination, leaking underground storage tanks, landfills, salvage yards, and wood treatment facilities. The funds will be used to pay for cleanup at contaminated sites where the responsible party (land user, facility operator, or property owner) is either unwilling or unable to pay costs related to the cleanup activities. Ecology will recover cleanup costs where possible.

In 2013, there were significant changes made to MTCA. Among them, was direction for Ecology to plan hazardous site cleanup at a pace that matches the estimated cash resources in the MTCA accounts. (RCW 70.105D.170) Cleanups can take many years once a site has been contaminated with toxic chemicals. Three major factors determine the length of time for cleanup: the regulatory process used (formal versus independent cleanup); the nature of the contaminants (how difficult they are to remediate); and the type of contaminated media (soil, groundwater, sediments, etc.) Ecology established an ideal target for achieving site cleanup within five years; and has been actively working toward this target by employing model remedies, and developing tools and policies to help achieve cleanup faster.

Financial certainty for cleanup project development is critical for ensuring existing projects are completed as envisioned, and new projects can be planned and designed to maximize environmental and public health improvements and economic development opportunities. The MTCA revenue decline that resulted in cleanup project delays in the 2015-17 Biennium created uncertainties for public funding. Despite Department of Revenue's Hazardous Substance Tax (HST, MTCA's major revenue source) forecasts projecting a recovery in the next few years, delays in HST revenue recovery will continue to restrain cleanup projects funded with MTCA. These projects are ready to proceed according to the MTCA regulatory process.

MTCA's cleanup process informs project prioritization. Ecology's Toxics Cleanup Program guides all cleanup projects through MTCA's regulatory process and requirements, including those seeking state capital budget funding. MTCA requires all cleanup projects proceed through the following phases:

1. Assessment: All projects are prioritized based on human health and environmental risks. Cleanup projects address risks from exposure to contaminated soil; contaminated groundwater and drinking water; contaminated marine water and sediment, which pose human health risks from consuming fish and shellfish; toxic vapors; or a combination of the above.
2. Investigate: Remedial investigations define the nature, extent, and magnitude of contamination on all projects.
3. Study: Feasibility studies are conducted on all projects and include alternative analysis, cost-benefit analysis, long-term or life-cycle cost analysis, and cleanup technology preferences.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**Description**

4. Plan: Information from the remedial investigation and feasibility study are included in a cleanup action plan that describes cleanup standards, methods, monitoring requirements, and schedule – including any time-critical elements.

5. Comment: The public is encouraged to review and comment on the projects' investigations, feasibility studies, and cleanup plans during public comment periods.

6. Cleanup: Designing, constructing, operating, and monitoring the cleanup. At this phase, projects are ready to proceed: They are in construction; they have permits or are in the permitting process; their design is complete or underway; or they are under contract. A cleanup is complete when Ecology determines cleanup standards have been met.

The enacted 2016 Supplemental Capital Budget reduced Eastern Washington Clean Sites Initiative projects by \$4 million to help manage declining MTCA revenues driven by the significant drop in the price of oil and correlated decreases in HST over the past two years. Ecology requests funding be restored, as directed by the proviso language in the 2016 Supplemental Capital Budget, to keep important Eastern Washington cleanup work moving forward in the 2017-19 Biennium. Attached is a prioritized list of projects that will be restored with this request for \$2.9 million in State Building Construction Account funding. This amount is less than the \$4 million reduction because circumstances have changed and some of the funding is not needed at this time. The project list explains where circumstances have changed since the 2016 Supplemental project list.

**What opportunity or problem is driving this request?****The reason for the project:**

This request addresses the toxics cleanup needs of contaminated sites in Eastern Washington. Other capital budget funds for toxic cleanup activities have been directed to sites within the Puget Sound basin. This funding will allow Ecology to continue focus on cleaning up contaminated sites in Eastern Washington. These cleanups protect public and environmental health, create jobs, and promote economic redevelopment.

The enacted 2016 Supplemental Capital Budget reduced two reappropriations for Eastern Washington cleanup projects to balance the MTCA accounts in response to the drop in revenue. Since the May 2015 revenue forecast that the enacted 2015-17 biennial budget was based on, actual and projected revenue for the MTCA accounts has dropped by \$97 million in 2015-17 and \$121 million in 2017-19, resulting in a projected revenue shortfall of \$78 million as of August 2016. The HST is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. Ecology requests State Building Construction Account (SBCA) funding to restore these projects and help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.
- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).
- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.
- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 3000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**Description**

(approximately \$48 million to Ecology, and \$6 million to other agencies).

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the General Fund-State. There were direct transfers, but the Legislature also preserved investments in cleanup. For toxic site cleanup, SBCA was used to backfill MTCA transfers. This provided funding for existing projects and invested in new toxic site cleanups. Now, the economy is in a growth period – the very time when toxic site cleanup is affordable and interest in redevelopment is high. Providing SBCA funding will allow important, ready-to-proceed cleanup projects to move forward.

**The effects of non-funding:**

If this request is not funded, Eastern Washington cleanup projects would be underfunded, and communities in Eastern Washington would continue to be impacted by hazardous substances and degraded water resources.

**How does the project support the agency and statewide results?**

This project is essential to implementing a strategic priority in Ecology's strategic plan by supporting the priority to Prevent and Reduce Toxic Threats. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

This request is essential to support the Governor's budget and economic priorities by investing funds to protect public health and natural resources. This request will also support Results Washington Goal 3, Sustainable Energy and a Clean Environment, by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and wildlife resources.

Specifically:

Goal-topic: Clean and Restored Environment – Sub-topic: Healthy Lands.

Outcome Measure 3.1 – Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020.

Leading Indicator 3.1.a – Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016.

This work also supports Goal 2, Prosperous Economy by creating and supporting jobs and making it possible to redevelop previously contaminated land to support economic growth in communities.

**What are the specific benefits of this project?**

Cleaning up contaminated sites in Eastern Washington will yield the following benefits:

- Cleaning up toxic contaminated sites.
- Reduce exposure of hazardous substances to the environment and public as work progresses on these sites.
- Economic redevelopment as abandoned sites move forward through the cleanup process.

Cleaning up contaminated property is usually integrated with economic redevelopment, habitat restoration, and public recreation projects. Most cleanup projects are the first phase of a larger community or economic redevelopment project where the cleanup site is the focal point of the project.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**Description****How will clients be affected and services change if this project is funded?**

This project will allow Ecology to focus resources on contaminated sites in Eastern Washington, reducing exposure of hazardous substances to the environment and public. The number of contaminated sites cleaned up will increase, resulting in less public and environmental exposure to hazardous substances.

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

Local governments will be positively affected as contaminated sites are returned to use, benefiting the local economy.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

Ecology considered several alternatives for funding these projects. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology's ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

If an alternative solution is not provided, Ecology would not be able to restore funding to these projects in the 2017-19 Biennium. SBCA funding is the best option because it will restore the original projects as the Legislature intended, and give Ecology the resources to continue cleanup work on these projects.

**What is the agency's proposed funding strategy for the project?**

Ecology requests \$2.9 million from the SBCA to restore funding for these projects and help bridge the gap until MTCA revenue recovers. This will allow important cleanup work to continue on July 1, 2017.

Note: The total amount being requested in bond funding for 2017-19 Eastern Washington cleanup projects is \$10.37 million, which includes this \$2.94 million to restore reductions from the 2016 Supplemental Budget, \$2.2 million for projects delayed due to the MTCA revenue shortfall in reappropriation 30000432, and \$5.23 million in new funding to start or continue the next phase of projects. Traditional new investments in Eastern Washington cleanup projects have averaged around \$9.6 million a biennium over the last three biennia.



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**Description**

**Proviso**

None

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used  
N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Approps
057-1	State Bldg Constr-State	2,936,000				2,936,000
	<b>Total</b>	<b>2,936,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,936,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000715

SubProject Title: Airport Kwik Stop

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000715

SubProject Title: Airport Kwik Stop

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 9

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. The enacted 2016 Supplemental Capital Budget reduced two reappropriations for Eastern Washington cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$2.9 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Interim action to address gasoline contamination to soil and groundwater. The contamination has migrated +1/2 mile off site, has impacted several residential drinking water sources and threatens to contaminate the Pend Oreille River.

**Location**

City: Ione

County: Pend Oreille

Legislative District: 007

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	193,000				193,000
	<b>Total</b>	<b>193,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>193,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000715

SubProject Title: Airport Kwik Stop

No Operating Impact

SubProject Number: 30000716

SubProject Title: Colville Post & Pole

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 9

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. The enacted 2016 Supplemental Capital Budget reduced two reappropriations for Eastern Washington cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$2.9 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Includes interim action at a former wood treatment facility -- demolishing processing operations, removing and disposing contaminated soil, limited capture of diesel petroleum contaminated groundwater, and installing monitoring wells.

**Location**

City: Colville

County: Stevens

Legislative District: 007

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropr
057-1	State Bldg Constr-State	742,000				742,000
	<b>Total</b>	<b>742,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>742,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

SubProjects

SubProject Number: 30000716

SubProject Title: Colville Post & Pole

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000717

SubProject Title: Schwerin Concaves

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 9

Project Summary

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. The enacted 2016 Supplemental Capital Budget reduced two reappropriations for Eastern Washington cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$2.9 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

Project Description

Includes cleanup to remove chromium contaminated soil and groundwater, and groundwater monitoring and treatment. Bids are being prepared for Spring/Summer 2017 public works construction.

Location

City: Walla Walla

County: Walla Walla

Legislative District: 016

Project Type

Grants

461 - Department of Ecology  
**Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000717

SubProject Title: Schwerin Concaves

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	318,000				318,000
	<b>Total</b>	<b>318,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>318,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000718

SubProject Title: Marshall Landfill

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000718

SubProject Title: Marshall Landfill

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 9

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. The enacted 2016 Supplemental Capital Budget reduced two reappropriations for Eastern Washington cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$2.9 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Includes: installation of up to (2) deep aquifer wells, decommission up to (4) damaged wells; repair up to (2) damaged wells; perform hydraulic conductivity tests; conduct geophysical survey to assess subsurface geology; and additional groundwater monitoring.

**Location**

City: Unincorporated

County: Spokane

Legislative District: 006

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	927,000				927,000
	<b>Total</b>	<b>927,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>927,000</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000718

SubProject Title: Marshall Landfill

Operating Impacts

No Operating Impact

SubProject Number: 30000719

SubProject Title: Tiger Oil - North 1st Street

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 9

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. The enacted 2016 Supplemental Capital Budget reduced two reappropriations for Eastern Washington cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$2.9 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

This project is the remediation and redevelopment of an old abandoned gas station. The property is located right on entrance to the City of Yakima.

**Location**

City: Yakima

County: Yakima

Legislative District: 015

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

Funding

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	120,000				120,000
<b>Total</b>		<b>120,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

SubProjects

SubProject Number: 30000719

SubProject Title: Tiger Oil - North 1st Street

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000720

SubProject Title: Central Wash University 4

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 9

Project Summary

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. The enacted 2016 Supplemental Capital Budget reduced two reappropriations for Eastern Washington cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$2.9 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

Project Description

Central Washington University has four cleanup sites that are in various stages of investigation and cleanup. This funding would complete the investigation at the sites and provide funding to complete the necessary cleanup work.

Location

City: Ellensburg

County: Kittitas

Legislative District: 013

Project Type

Grants



461 - Department of Ecology  
**Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000720

SubProject Title: Central Wash University 4

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	136,000				136,000
	<b>Total</b>	<b>136,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>136,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000721

SubProject Title: Project Contingencies

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:13PM

Project Number: 30000704

Project Title: 2015-17 RESTORED Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000721

SubProject Title: Project Contingencies

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 9

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. The enacted 2016 Supplemental Capital Budget reduced two reappropriations for Eastern Washington cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request for \$2.9 million restores those reductions, to keep important cleanup work moving forward in the 2017-19 Biennium, consistent with legislative direction. (State Building Construction Account)

**Project Description**

Deobligated Eastern Washington Clean Sites funding planned for project contingencies (construction, address additional contamination found during investigation), emergent or new projects after a budget submittal.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	500,000				500,000
	<b>Total</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/8/2016 4:13PM

**Project Number:** 3000704

**Project Title:** 2015-17 RESTORED Eastern Washington Clean Sites Initiative

---

**SubProjects**

---

**SubProject Number:** 3000721

**SubProject Title:** Project Contingencies

**No Operating Impact**

---

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Eastern Washington Clean Sites Initiative</u>
<b>Project Number:</b>	<u>30000704</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Toxics Cleanup Program**  
**Eastern Washington Clean Sites Initiative - Restored**  
**June 24, 2016**

Purpose: The enacted 2016 Supplemental Capital Budget reduced two reappropriations for Eastern Washington cleanup projects to balance the Model Toxics Control Act (MTCA) accounts in response to the drop in revenue since May 2015. Proviso language in the budget bill specifies the Legislature intends to restore the reductions in future biennia. This request restores those reductions to keep important cleanup work moving forward in the 2017-19 Biennium. This list represents the projects Ecology is requesting to be restored in order to keep important cleanup work funded according to the original legislative intent. The list is a plan based on the best information available to Ecology. The plan may change as more information becomes available.

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Running Total	Site Address	City	Leg. District	Latitude	Longitude
1	Airport Kwik Stop	Airport Kwik Stop	Interim action to address gasoline contamination to soil and groundwater. The contamination has migrated +1/2 mile off site, has impacted several residential drinking water sources and threatens to contaminate the Pend Oreille River.	Cleanup / Post Closure Monitoring	Pend Oreille	193,000	193,000	Hwy 31 & Greenhouse Road	Ione	7	48.7144	-117.4143
2	Colville Post & Pole	Colville Post & Pole	Includes interim action at a former wood treatment facility - demolishing processing operations, removing and disposing contaminated soil, limited capture of diesel petroleum contaminated groundwater, and installing monitoring wells.	Cleanup / Post Closure Monitoring	Stevens	742,000	935,000	Hwy 395	Colville	7	48.581876	-117.959987
3	Schwerin Concaves	Schwerin Concaves	Includes cleanup to remove chromium contaminated soil and groundwater, and groundwater monitoring and treatment. Bids are being prepared for Spring/Summer 2017 public works construction.	Cleanup / Post Closure Monitoring	Walla Walla	318,000	1,253,000	1106 Sappollil Road	Walla Walla	16	46.12191	-118.236604
4	Marshall Landfill	Marshall Landfill	Includes: installation of up to (2) deep aquifer wells, decommission up to (4) damaged wells; repair up to (2) damaged wells; perform hydraulic conductivity tests; conduct geophysical survey to assess subsurface geology; and additional groundwater monitoring.	Cleanup / Post Closure Monitoring	Spokane	927,000	2,180,000	Andrus & Spotted Road	Marshall	6	47.56489	-117.49938
5	Tiger Oil - North 1st Street	Tiger Oil - North 1st Street	This project is the remediation and redevelopment of an old abandoned gas station. The property is located right on entrance to the City of Yakima	Investigate	Yakima	120,000	2,300,000	1808 N 1st Street	Yakima	15	46.62377737	-120.5124427
6	Central Wash University 4	Central Wash University 4	Central Washington University has four cleanup sites that are in various stages of investigation and cleanup. This funding would complete the investigation at the sites and provide funding to complete the necessary cleanup work.	Investigate	Kititas	136,000	2,436,000	400 E University Way	Ellensburg	13	47.00386	-120.54362
7	Project Contingencies	Project Contingencies	Deobligated Eastern Washington Clean Sites funding planned for project contingencies (construction, address additional contamination found during investigation), emergent or new projects after a budget submittal.	Cleanup / Post Closure Monitoring	Statewide	500,000	2,936,000	Statewide	Statewide	Statewide	Statewide	Statewide
<b>Total 2017-19 Bond-backfill Request for Restored Projects</b>						<b>2,936,000</b>						
	L & L Exxon	L & L Exxon	Project has a potential liable person and no longer qualifies for the program.			76,000	3,012,000					
	Gold Nugget Market Buena	Gold Nugget Market Buena	Project can be completed with a reduced scope and funding is not needed.			7,000	3,019,000					
	Roby's Services of Buena	Roby's Services of Buena	Project was completed in the 2015-17 biennium.			28,000	3,047,000					
	Moxee City Potw	Moxee City Potw	Project can be completed with current funding.			91,000	3,138,000					
	Frenchie's Fill-N-Food	Frenchie's Fill-N-Food	Project is no longer viable. Owner was not cooperative and participation in the Clean Sites Initiative program was terminated.			63,000	3,201,000					
	King's Pacific Pride Shoemaker Mfg	King's Pacific Pride Shoemaker Mfg	Project is an active gas station.			96,000	3,297,000					
	Remainder of Project Contingencies	Remainder of Project Contingencies	Project was completed in the 2015-17 biennium.			83,000	3,380,000					
			A portion of this restored funding is sufficient for new projects and emergent situations.			686,000	4,076,000					
<b>Estimated Bond-backfill for Restored Projects to match 2016 Supplemental</b>						<b>4,076,000</b>						

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description****What is the proposed project?**

Ecology's primary tool for helping local governments clean up contaminated sites is the RA grant program. The purpose of this program is to expedite cleanup and redevelopment of contaminated sites and to ease the financial impact of cleanup on local ratepayers and taxpayers. The funding is intended to supplement local government funding and funding from other sources, including insurance and contribution claims. Cleaning up contaminated sites protects the groundwater that serves over half of the state's population, and it promotes a healthy environment for Washingtonians. Cleaning up contaminated sites can provide other benefits, including:

- Reusing scarce industrial sites in urban areas.
- Expanding local tax bases.
- Promoting livable communities.
- Promoting local economic redevelopment.
- Preserving farmland.

Ecology worked with local government partners to estimate the 2017-19 local government toxic site cleanup needs. Local governments self-reported an estimated total state share need of \$154 million for the biennium. Ecology is updating the 2016 Model Toxics Control Act (MTCA) Accounts Ten-Year Financing Report for publication in September 2016 that will provide a long-term view of cleanup needs. The report estimates the total RA grant need (state share) for the ten-year period to be \$811 million.

The biennial request for 2017-19 RA grant projects (this request of \$39.9 million plus the request for delayed RA grants of \$24.6 million) of \$64.5 million is consistent with the historical funding level of the program, averaging \$71 million per biennium since 2007. Ecology is proposing projects that are ready to proceed, address the needs and capacity of local government for the 2017-19 biennium, and align with our cleanup project managers' capacity to oversee the cleanups. The attached project list reflects the biennial cash flow requirements of projects.

There are four categories of grants included in this 2017-19 request.

1. Oversight RA grants help pay for local governments to clean up contaminated sites where the work is being conducted under an enforcement order, agreed order, or consent decree issued under MTCA (Chapter 70.105D RCW). Cleanups conducted under an order or decree issued by the Environmental Protection Agency (EPA) under the federal cleanup law are also eligible. For these grants, Ecology normally funds 50 to (maximum) 75 percent of the eligible project costs, depending on the economic status of the community.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**Description**

2. Independent RA grants provide funding to local governments that investigate and clean up contaminated sites independently under Ecology's Voluntary Cleanup Program. For these grants, Ecology funds 50 to (maximum) 75 percent of the eligible project costs, depending on the economic status of the community.

3. Site Hazard Assessment grants provide funding to local public health departments or districts to conduct initial investigations and site hazard assessments on behalf of Ecology. When Ecology receives information that a site may pose a threat to human health or the environment (RCW 70.105D.030 (2)), an investigation must be completed within 90 days. Ecology has an agreement with some local health departments for them to complete initial investigations and assessments to ensure these environmental risks are addressed and understood in a timely manner. Initial investigations and site assessments:

- Identify the areas where hazardous substances are known or suspected.
- Identify the people and natural resources at risk.
- Identify the hazardous substances released or threatened to be released.
- Gather evidence confirming a release or threatened release of hazardous substances.
- Describe the facilities containing the releases and their conditions.

Local health departments help provide resources to complete the work and bring first-hand knowledge of the hazardous sites in their jurisdiction. Ecology uses these assessments to confirm and rank sites in order of hazard or risk compared to other contaminated sites statewide. For these grants, Ecology may fund up to 100 percent of the eligible project costs.

4. Area-wide Groundwater Investigation grants provide funding to local governments that investigate groundwater contaminated by hazardous substances from multiple sources. The purpose of these investigations is to identify the sources and facilitate cleaning up the area-wide contamination. For these grants, Ecology may fund up to 100 percent of the eligible project costs.

Attached is a prioritized list of projects that will be funded with this request. The projects have been reviewed and are ready to proceed according to the MTCA regulatory process.

MTCA's cleanup process informs project prioritization. Ecology's Toxics Cleanup Program (TCP) guides all cleanup projects through MTCA's regulatory process and requirements, including those seeking state capital budget funding. MTCA requires all cleanup projects proceed through the following phases:

1. Assessment: All projects are prioritized based on human health and environmental risks. Cleanup projects address risks from exposure to contaminated soil; contaminated groundwater and drinking water; contaminated marine water and sediment, which pose human health risks from consuming fish and shellfish; toxic vapors; or a combination of the above.
2. Investigate: Remedial investigations define the nature, extent, and magnitude of contamination on all projects.
3. Study: Feasibility studies are conducted on all projects and include alternative analysis, cost-benefit analysis, long-term or life-cycle cost analysis, and cleanup technology preferences.
4. Plan: Information from the remedial investigation and feasibility study are included in a cleanup action plan that describes cleanup standards, methods, monitoring requirements, and schedule – including any time-critical elements.
5. Comment: The public is encouraged to review and comment on the projects' investigations, feasibility studies, and cleanup plans during public comment periods.
6. Cleanup: Designing, constructing, operating, and monitoring the cleanup. At this phase, projects are ready to proceed: They are in construction; they have permits or are in the permitting process; their design is complete or underway; or they are under contract. A cleanup is complete when Ecology determines cleanup standards have been met.

In addition to projects being evaluated according to the MTCA regulatory process, the project list is prioritized based on:

1. Continuing RA grant investments at sites with ongoing cleanup projects.



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**Description**

In 2013, there were significant changes made to MTCA. Among them, was direction for Ecology to plan hazardous site cleanup at a pace that matches the estimated cash resources in the MTCA accounts. (RCW 70.105D.170) Cleanups can take many years once a site has been contaminated with toxic chemicals. Three major factors determine the length of time for cleanup: the regulatory process used (formal versus independent cleanup); the nature of the contaminants (how difficult they are to remediate); and the type of contaminated media (soil, groundwater, sediments, etc.) Ecology established an ideal target for achieving site cleanup within five years; and has been actively working toward this target by employing model remedies, supporting local governments to plan for cleanup with Integrated Planning Grants, and developing tools and policies to help achieve cleanup faster.

Local governments need financial certainty for cleanup project development to ensure existing projects are completed as envisioned, and new projects can be planned and designed to maximize environmental and public health improvements and economic development opportunities. The MTCA revenue decline that resulted in cleanup project delays in the 2015-17 Biennium created uncertainties for public funding. Despite Department of Revenue's Hazardous Substance Tax (HST, MTCA's major revenue source) forecasts projecting a recovery in the next few years, delays in HST revenue recovery will continue to restrain cleanup projects funded with MTCA. For 2017-19, fifteen existing projects are proposed for continuing through cleanup and there are only three new projects identified on the prioritized list.

2. Applying the enacted 2015-17 biennial capital budget criteria for prioritizing cleanups outlined in Second Engrossed House Bill 1115 - Section 7038 and the MTCA Cash Management Plan.

Section 7038 (3) authorized Ecology to delay the start of cleanup projects based on acuity of need, readiness to proceed, cost-efficiency, or need to ensure geographic distribution. Ecology used this authority in the 2015-17 Biennium to guide project priority and followed the same criteria for prioritizing the 2017-19 biennial budget request.

3. Where groups of projects have met all of the same Section 7038 criteria, projects are ranked based on Ecology's regional and program priorities and staff capacity to oversee the cleanup. A recovered economy is delivering a record number of cleanup sites to Ecology to review and act on – from 200-300 per year on average, to over 400 in 2015 – but there is no MTCA funding to support additional cleanup project oversight. Economic conditions require Ecology to maintain the current work force and find ways to manage work load while continuing existing cleanup priorities.

4. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects to further refine prioritization. This includes the construction stage of projects, schedule changes, whether permits are in hand, if projects are ready to bid, if projects leverage partnerships, and if projects have already incurred eligible costs.

**What opportunity or problem is driving this request?****The reason for the project:**

RA grants are used to help local governments clean up contaminated sites. This protects the groundwater that serves over half the state's population, and it promotes a healthy environment for Washingtonians. Cleaning up contaminated sites can provide other benefits including: reusing scarce industrial sites in urban areas; expanding local tax bases; promoting livable communities; promoting local economic redevelopment; and, preserving farmland.

**The effects of non-funding:**

The RA grant program is well established for helping local governments clean up contaminated sites in their communities. It is a high funding priority in MTCA, and is the mechanism for carrying out the provisions of this law. Funding this request will allow the state to further meet its statutory obligation to provide continued support to local governments for cleaning up toxics in the environment. If this proposal is not funded, the state would not be able to support local governments in meeting their obligations to eliminate toxic threats and protect the people living in their communities.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**Description****How does the project support the agency and statewide results?**

This project is essential to implementing a strategic priority in Ecology's strategic plan by supporting the priority to Prevent and Reduce Toxic Threats. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

This request is essential to support the Governor's budget and economic priorities by investing funds to protect public health and natural resources. This request will also support Results Washington Goal 3, Sustainable Energy and a Clean Environment, by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and wildlife resources. Specifically:

Goal-topic: Clean and Restored Environment – Sub-topic: Healthy Lands.

Outcome Measure 3.1 – Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020.

Leading Indicator 3.1.a – Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016.

This work also supports Goal 2, Prosperous Economy, by creating and supporting jobs and making it possible to redevelop previously contaminated land to support economic growth in communities.

This request also supports Puget Sound Action Agenda implementation through the following strategies:

Strategy 21, Address and clean up cumulative water pollution impacts in Puget Sound, substrategy 21.2, Clean up contaminated sites within and near Puget Sound by reducing and controlling the sources of pollution. Ecology's work to cleanup areas contaminated with hazardous substances returns a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem. Through the RA grant program, Ecology works in partnership with local governments to fund remedial actions at contaminated sites in Puget Sound.

Strategy 10, Use a comprehensive approach to manage urban stormwater runoff at the site and landscape scales, substrategy 10.3, Fix problems caused by existing development, and regional priority 10.3-2, Provide infrastructure and incentives to accommodate redevelopment within designated urban centers in urban growth areas. This request relates to the Puget Sound Action Agenda sub-strategy and regional priority by helping local governments clean up contaminated sites, and providing 50 percent match (or more depending on circumstances) of eligible project costs.

**What are the specific benefits of this project?**

This request contributes to cleanup progress in Washington, and there will be a direct impact on human health and the environment by fully funding these cleanups. The impacts will be largely felt in areas in or immediately adjacent to Puget Sound. There will also be economic redevelopment benefits, because cleanup at a number of these sites is the first step in the redevelopment process.

This is a continuing and well established program to help local governments. Funding this request will allow Ecology to provide continued and enhanced support to local governments for cleaning up toxics in the environment.

Cleaning up contaminated property is usually integrated with economic redevelopment, habitat restoration, and public recreation projects. Most cleanup projects are the first phase of a larger community or economic redevelopment projects where the cleanup site is the focal point of the project.

This project will also provide economic benefits to the state by creating up to 250 jobs during the next two years, based on Office of Financial Management estimates.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**Description****How will clients be affected and services change if this project is funded?**

This request will continue to provide funding to meet local government RA grant needs. This funding will help local governments clean up contaminated properties to be redeveloped and provide an economic benefit to the community.

**Are FTEs required to support this project?**

This project requires a total of 2.88 FTEs. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium.

The RA grant program has two full-time grant administrators managing approximately 80 grants. They are responsible for grant writing, invoice review and approval, and grant status reporting. This core work assures prudent oversight and careful financial management of state funds. The grant administrators also provide technical expertise to program development and policy work and to agencywide projects. This includes their input and review of policy documents and helping manage Ecology's grant and loan system.

**How will the other state programs or units of government be affected if this project is funded?**

The costs of remediating hazardous waste sites are often beyond the financial means of local governments and ratepayers. The RA grant program is used to supplement local government funding and funding from other sources to carry out required remedial action. This grant program will continue to benefit local governments statewide if this request is funded.

**What is the impact on the state operating budget?**

None

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

One of Ecology's three environmental goals is to clean up pollution, and the RA grant program is an integral part of cleaning up the worst contaminated sites to protect and improve the lives of people and the environment. The RA grant program has traditionally received Local Toxics Control Account (LTCA) funding as one of the top priorities under RCW 70.105D.070, and State Building Construction Account (SBCA) bond funding. Revenue projections for LTCA in the 2017-19 Biennium are not enough to support new capital projects, so Ecology is requesting SBCA funding to support this important work in 2017-19. Funding with bonds is the best option because it will continue cleanup investments that protect human health and natural resources, and support economic redevelopment in Washington.

**What is the agency's proposed funding strategy for the project?**

Traditionally, the RA program has been funded with MTCA funding. The Hazardous Substance Tax (HST) is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. The MTCA fund balances cannot support new appropriation requests for the RA grant program. Projected negative balances in the MTCA accounts in the 2017-19 Biennium mean no MTCA funding can be requested for new RA grant projects. Ecology requests funding from the SBCA to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**Description**

the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.

- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.

- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).

- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.

- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

Ecology considered several alternatives to address the MTCA revenue shortfall. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology's ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also preserved investments in cleanup. In the RA grant program, the SBCA was used to backfill MTCA transfers. This provided funding for existing projects and invested in new RA grants during the economic downturn. Now, the economy is in a growth period – the very time when toxic site cleanup is affordable and interest in redevelopment is high. Providing SBCA funding will allow important, ready-to-proceed cleanup projects to move forward.

Ecology requests \$39.9 million from the SBCA in new funding for projects that protect public and environmental health, create jobs, and promote economic development. This will allow important cleanup work to continue on July 1, 2017.

Note: The total amount being requested in bond funding for 2017-19 Remedial Action Grants is \$76.3 million, which includes this \$39.9 million in new funding to start or continue the next phase of projects; and due to the MTCA revenue shortfall, \$24.6 million for projects that will continue to be delayed in reappropriation 30000458, and \$11.8 million in projects that are under contract and will have to be cancelled in reappropriation 30000374 unless a revenue solution is provided. Traditional new investments in Remedial Action Grants have averaged around \$63.8 million a biennium over the last three biennia.

**Proviso**

None

**Location**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**Description**

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	114,879,000				39,879,000
174-1	Local Toxics Control-State	225,000,000				
	<b>Total</b>	<b>339,879,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39,879,000</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	75,000,000			
174-1	Local Toxics Control-State		75,000,000	75,000,000	75,000,000
	<b>Total</b>	<b>75,000,000</b>	<b>75,000,000</b>	<b>75,000,000</b>	<b>75,000,000</b>

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000750

SubProject Title: Site Hazard Assessment

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000750

SubProject Title: Site Hazard Assessment

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

Grant funding to local health departments or districts to perform site assessments for Ecology. The site assessments identify the locations of areas where hazardous substances are known or suspected; identify the hazardous substances that were released or are threatened to be released; gather evidence confirming a release or threatened release of hazardous substances; and describe the facilities containing the release and their conditions. (See RCW 70.105D.030(2))

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,000,000				2,000,000
	<b>Total</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

SubProjects

SubProject Number: 30000750

SubProject Title: Site Hazard Assessment

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000751

SubProject Title: Grant Management

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

Project Summary

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

Project Description

Funding for the administration of the remedial action grant program. Administration includes writing all grant agreements; reviewing and approving all invoices; and grant statute reporting. 2.9 FTE are needed for grant administration, central budget office capital support and agency administrative overhead.

Location

City: Statewide

County: Statewide

Legislative District: 098

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000751

SubProject Title: Grant Management

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	644,000				644,000
	<b>Total</b>	<b>644,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>644,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000752

SubProject Title: Sudbury Road Landfill



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000752

SubProject Title: Sudbury Road Landfill

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

The Sudbury Road Landfill is located west of the City of Walla Walla. It disposed municipal solid waste in unlined trenches from 1978 to 2006. The groundwater at the site contains tetrachloroethylene and vinyl chloride, a carcinogen, at levels that pose a threat to human health. The City of Walla Walla completed the Remedial Investigation/Feasibility Study under an agreed order with Ecology and is implementing the cleanup action plan under a consent decree. This project provides matching funds for the grant to conduct groundwater monitoring required as part of the cleanup.

**Location**

City: Walla Walla

County: Walla Walla

Legislative District: 016

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	57,000				57,000
<b>Total</b>		<b>57,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>57,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

SubProjects

SubProject Number: 30000752

SubProject Title: Sudbury Road Landfill

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000753

SubProject Title: Baywood Products

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

Project Summary

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

Project Description

This project provides additional matching grant funds for conducting the sediment cleanup for the site. This will be the final action required to complete full cleanup of the Baywood site by addressing dioxin/furans, carcinogenic polycyclic aromatic hydrocarbons (cPAHs) and woodwaste in the marine sediments. This effort will also provide for an enhanced shoreline habitat and public access to the shoreline and intertidal zone.

Location

City: Everett

County: Snohomish

Legislative District: 038

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000753

SubProject Title: Baywood Products

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,550,000				1,550,000
	<b>Total</b>	<b>1,550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,550,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000754

SubProject Title: Gold Knob Prospects

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000754

SubProject Title: Gold Knob Prospects

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

Saddle Rock is a community landmark that was mined for gold between 1891 and 1989. In June 2013, The City of Wenatchee completed the remedial investigation and the feasibility study for the site. Soils on the site were found to be contaminated with metals. A draft Cleanup Action Plan has been completed and 30% design plans were prepared for the selected remediation alternative. The project is included in the City of Wenatchee's Capital Plan. The area will be used on a year round basis for a variety of outdoor recreation and education purposes ranging from snowshoeing, to walking, running, hiking, and equestrian uses.

**Location**

City: Wenatchee

County: Chelan

Legislative District: 012

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	900,000				900,000
	<b>Total</b>	<b>900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

SubProjects

SubProject Number: 30000754

SubProject Title: Gold Knob Prospects

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000755

SubProject Title: Weyerhaeuser Sawmill Aberdeen

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

Project Summary

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

Project Description

Past operations of the Weyerhaeuser Sawmill contaminated this site with dioxins, mercury, petroleum hydrocarbons, and polychlorinated biphenyls. Contamination extends onto state owned aquatic lands. Since the Grays Harbor Historic Seaport Authority (GHSA) purchased the property in 2013, Ecology has worked with them to investigate the contamination at the site and evaluate potential future uses for the property. This project will build on those prior grant investments in the next phase of cleanup. This project would provide funding for engineering and design work and cleanup of the site. Ultimately, the GHSA plans to redevelop the site into a community asset that provides public access to the waterfront.

Location

City: Aberdeen

County: Grays Harbor

Legislative District: 019

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000755

SubProject Title: Weyerhaeuser Sawmill Aberdeen

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,070,000				2,070,000
	<b>Total</b>	<b>2,070,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,070,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State		
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000756

SubProject Title: RG Haley completion

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000756

SubProject Title: RG Haley completion

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This site is located on the shore of Bellingham Bay, immediately south of downtown Bellingham. Historically, a wood treating facility operated on the site, resulting in elevated concentrations of highly toxic wood treatment chemicals in the soil, soil vapor, groundwater, and sediment. The concentrations present pose a risk to human health and the environment. Wood treatment chemicals in a portion of the Haley site overlap contaminants associated with the Cornwall Avenue Landfill site to the south. As a result, cleanup of both sites must occur at the same time.

The site is currently unusable. The City of Bellingham plans to develop the site and the adjoining Cornwall Avenue Landfill site into a public park in conjunction with cleanup activities. The park is part of a large-scale City/Port waterfront redevelopment project.

Development of a cleanup action plan is underway. Funds are needed to complete the engineering design, and construct the remedy. This work will protect human health and the environment from harm and allow development of the park.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000756

SubProject Title: RG Haley completion

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	6,750,000				6,750,000
	<b>Total</b>	<b>6,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,750,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000757

SubProject Title: Yakima City Landfill



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000757

SubProject Title: Yakima City Landfill

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

The closed City of Yakima Landfill is located on the redevelopment site of the closed Boise Cascade Mill Site in Yakima. The City conducted a supplemental remedial investigation in 2014 and 2015 and found evidence of soil and groundwater contamination. Additional Remedial Investigation and Feasibility Study will be used to determine the appropriate clean-up action plan. This is a high profile economic development site with a potential of 4,000 jobs created on this 220 acre redevelopment site.

**Location**

City: Yakima

County: Yakima

Legislative District: 015

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	7,000,000				7,000,000
	<b>Total</b>	<b>7,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,000,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000757

SubProject Title: Yakima City Landfill

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000758

SubProject Title: Cornwall Avenue Landfill

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This site is located on the shore of Bellingham Bay, immediately south of downtown Bellingham. Historically, garbage and wood waste were dumped into the bay, creating this 12 acre site. As a result, soil, groundwater, and sediment contain levels of contamination that pose a risk to human health and the environment. Contaminants in a portion of the Cornwall site overlap contaminants associated with the R.G. Haley site to the north. As a result, cleanup of both sites must occur at the same time.

The site is currently unusable. The Port of Bellingham and City of Bellingham plan to develop the site and the adjoining R.G. Haley site into a public use area in conjunction with cleanup activities. The public use area is part of a large-scale City/Port waterfront redevelopment project.

Previous work has stockpiled material for use as part of the upland cleanup construction. Funds are needed to perform the upland cleanup construction as well as cleanup construction for remaining areas of the site. This work will protect human health and the environment from harm and allow development of the property for public use.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 040

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000758

SubProject Title: Cornwall Avenue Landfill

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,200,000				2,200,000
	<b>Total</b>	<b>2,200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,200,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000759

SubProject Title: Weyerhaeuser Mill A

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000759

SubProject Title: Weyerhaeuser Mill A

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This project provides additional matching grant funds for completing cleanup activities - upland and sediment cleanup. This project addresses Boeing needs for 787 production.

**Location**

City: Everett

County: Snohomish

Legislative District: 038

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,000,000				1,000,000
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

SubProjects

SubProject Number: 30000759

SubProject Title: Weyerhaeuser Mill A

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000760

SubProject Title: Quiet Cove

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

Project Summary

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

Project Description

This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes - Quiet Cove in Fidalgo Bay. This is for upland and possible sediment cleanup.

The site began operating as a bulk fuel terminal and storage facility as early as 1909. The Port of Anacortes (Port) purchased the upland area of the Site in July 2013 and performed an environmental investigation the following year. This investigation found several contaminants exceeding accepted cleanup levels under the Model Toxics Control Act (MTCA). Soil samples showed hydrocarbon and heavy metal contamination. Groundwater samples showed TPHs and arsenic. The current remedial investigation includes the extent of soil and groundwater contamination and will determine if Guemes Channel sediments require cleanup as well.

Location

City: Anacortes

County: Skagit

Legislative District: 040

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000760

SubProject Title: Quiet Cove

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,000,000				1,000,000
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000761

SubProject Title: I & J Waterway

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000761

SubProject Title: I &amp; J Waterway

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This 3-acre sediment site is located along the shore of Bellingham Bay, immediately north of downtown Bellingham. Historically, upland property adjacent to the site was used for a variety of industrial operations including: a lumber mill, rock-crushing plant, and food processing facilities. As a result of these activities, marine sediment contains levels of contamination that pose a risk to human health and the environment.

The Port of Bellingham and City of Bellingham plan to develop a portion of the site into a public use area in conjunction with cleanup activities. The public use area is part of a large-scale City/Port waterfront redevelopment project.

In addition, the Port of Bellingham plans to replace an aging dock and bulkhead in conjunction with cleanup activities. These infrastructure improvements are necessary to the on-going operations of a seafood processing company.

Funds are needed construct the cleanup. This work will protect human health and the environment from harm and allow development for public and private use.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 042

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000761

SubProject Title: I & J Waterway

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	6,200,000				6,200,000
	<b>Total</b>	<b>6,200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,200,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000762

SubProject Title: Central Waterfront



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000762

SubProject Title: Central Waterfront

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This site is located on the shore of Bellingham Bay in downtown Bellingham. Historically, a municipal landfill, a bulk fuel terminal, a foundry, and a boat maintenance and storage facility operated on the site, resulting in elevated concentrations of contaminants in soil, soil vapor, groundwater and sediment. The concentrations present pose a risk to human health and the environment.

The Port of Bellingham plans to develop the site in conjunction with, or following cleanup activities. The site is within a large City/Port waterfront redevelopment district.

Contaminated sediment from this site was addressed by the cleanup of an adjacent site. Previous interim actions removed or isolated contaminated soil within portions of the site. Additional funds are needed to complete cleanup construction for remaining areas of the site. This work will protect human health and the environment from harm.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 042

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000762

SubProject Title: Central Waterfront

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,100,000				1,100,000
	<b>Total</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000764

SubProject Title: Eldridge Municipal Landfill

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000764

SubProject Title: Eldridge Municipal Landfill

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This site is about 32,000 square feet in Little Squalicum Park in Bellingham and adjacent to Bellingham Technical College campus. Historically, the City of Bellingham used the property as a garbage dump. As a result, soil and groundwater contain levels of contamination that pose a risk to human health and the environment.

A previous interim action removed the majority of the garbage and contaminated soil. Funding is needed to continue to assess post-construction groundwater quality to ensure cleanup measures result in decreasing contaminant levels over time.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 042

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000764

SubProject Title: Eldridge Municipal Landfill

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	11,000				11,000
	<b>Total</b>	<b>11,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000765

SubProject Title: Georgia Pacific West Mill

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000765

SubProject Title: Georgia Pacific West Mill

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This site is located on the shore of Bellingham Bay in downtown Bellingham. Historically, a pulp and tissue mill and chlorine production facility operated on the site, resulting in elevated concentrations of toxic chemicals in soil, soil vapor, and groundwater. In an area of the site adjacent to Bellingham Bay, soils contain liquid mercury. The concentrations present pose a risk to human health and the environment.

The site is currently unusable. The Port of Bellingham plans to develop the site in conjunction with, or following cleanup activities. The site is within a large City/Port waterfront redevelopment district.

Cleanup construction of a portion of the site is underway. Development of a preferred cleanup alternative and a cleanup action plan for the remaining mercury-contaminated area of the site is underway.

Funds are needed to complete the engineering design and construct the remedy for the mercury-contaminated area. This work will protect human health and the environment from harm and allow property redevelopment to proceed.

**Location**

City: Bellingham

County: Whatcom

Legislative District: 042

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000765

SubProject Title: Georgia Pacific West Mill

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	400,000				400,000
	<b>Total</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000766

SubProject Title: Independent Remedial Action Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000766

SubProject Title: Independent Remedial Action Grants

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

Grant funding to local governments who cleanup contaminated properties through Ecology's Voluntary Cleanup Program.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,500,000				1,500,000
	<b>Total</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

SubProjects

SubProject Number: 30000766

SubProject Title: Independent Remedial Action Grants

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000767

SubProject Title: Park Laundry

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

Project Summary

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

Project Description

A dry cleaners at the Park Laundry site contaminated the soil and groundwater with the dry cleaning solvents, tetrachloroethylene (PCE) and trichloroethylene (TCE). This Site is adjacent to city owned property. The city has expressed interest in purchasing and cleaning up the property after participating in an integrated planning grant (IPG). The IPG examined potential future uses for the site. This project would provide funding for developing a clean up action plan. This step is needed to reach desired outcome of returning this site to productive use. Ultimately the city plans to redevelop the site into a community asset that provides public access to the waterfront.

Location

City: Ridgefield

County: Clark

Legislative District: 018

Project Type

Grants



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000767

SubProject Title: Park Laundry

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	915,000				915,000
	<b>Total</b>	<b>915,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>915,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
		057-1	State Bldg Constr-State	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000768

SubProject Title: Western Port Angeles Harbor

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000768

SubProject Title: Western Port Angeles Harbor

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

The Western Port Angeles Harbor has widespread sediment contamination. High levels of dioxins, PCBs, cPAHs, and metals are present in the sediments from historic timber industry facilities (plywood, lumber, paper, and pulp mills). The Port and City of Port Angeles are two of seven named potentially liable parties (PLPs) and two of five cooperatively working with Ecology to conduct a Remedial Investigation and Feasibility Study.

**Location**

City: Port Angeles

County: Clallam

Legislative District: 024

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,392,000				1,392,000
	<b>Total</b>	<b>1,392,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,392,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000768

SubProject Title: Western Port Angeles Harbor

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000769

SubProject Title: Shelton C Street Landfill

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

The City of Shelton used this site as a landfill. Waste dumped at the site included road sweepings, pruning debris, sludge from the wastewater treatment plant, and ash from the Simpson Shelton mill. Potential contaminants at the site include metals and dioxins. This project will fund the remedial investigation and feasibility study for the site. Work will include sampling to determine which contaminants affect the site at levels that pose a threat to human health and the environment and the evaluation of potential cleanup alternatives.

**Location**

City: Shelton

County: Mason

Legislative District: 035

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000769

SubProject Title: Shelton C Street Landfill

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	315,000				315,000
	<b>Total</b>	<b>315,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>315,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000770

SubProject Title: East Waterway

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000770

SubProject Title: East Waterway

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

This project provides additional matching grant funds remedial investigation activities - sediment cleanup.

**Location**

City: Everett

County: Snohomish

Legislative District: 038

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,000,000				1,000,000
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

SubProjects

SubProject Number: 30000770

SubProject Title: East Waterway

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000771

SubProject Title: Marine Terminal Complex (TPH) Site

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

Project Summary

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

Project Description

Industrial activities at this site have resulted in suspected petroleum contamination including total Petroleum Hydrocarbons (TPH) from leaking underground storage tanks and other petroleum storage and conveyance activities. This project provides funding for site investigation work to confirm the suspected contamination and do further investigation of other potential sources of contamination. It also would provide funding to develop an interim action to deal with abandoned pipeline under the shipping berths that still contains petroleum product.

Location

City: Longview

County: Cowlitz

Legislative District: 019

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000771

SubProject Title: Marine Terminal Complex (TPH) Site

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	375,000				375,000
	<b>Total</b>	<b>375,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375,000</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 3000772

SubProject Title: Areawide Groundwater

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000772

SubProject Title: Areawide Groundwater

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

Grant funding to local governments that investigate groundwater contaminated by hazardous substances from multiple sources. The purpose of these investigations is to identify the sources and facilitate the cleanup of the area-wide contamination.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Local Government

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update the MTCA Ten-Year Financing Plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,500,000				1,500,000
	<b>Total</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 30000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000772

SubProject Title: Areawide Groundwater

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

SubProject Number: 30000912

SubProject Title: Remedial Action Grants Ten Year Financing Plan

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 14

**Project Summary**

Ecology manages the Remedial Action (RA) grant program to help local governments clean up contaminated sites in Washington State. This request for \$39.9 million will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2017-19 Biennium. RA grants support cleanup at contaminated industrial sites that impact the air, land, and water resources of the state, and continued cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs, promote economic redevelopment by allowing contaminated properties to be redeveloped, and leverage local match funding for this work. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description**

Ten Year Financing Plan

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: Chapter 70.105D RCW

Application process used

N/A

**Growth Management impacts**

N/A

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:11AM

Project Number: 3000707

Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 3000912

SubProject Title: Remedial Action Grants Ten Year Financing Plan

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	75,000,000				
	<b>Total</b>	<b>75,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<u>Funding</u>		<u>Expenditures</u>			<u>2017-19 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
174-1	Local Toxics Control-State	225,000,000				
	<b>Total</b>	<b>225,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State	75,000,000			
	<b>Total</b>	<b>75,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

		<u>Future Fiscal Periods</u>			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1	Local Toxics Control-State		75,000,000	75,000,000	75,000,000
	<b>Total</b>	<b>0</b>	<b>75,000,000</b>	<b>75,000,000</b>	<b>75,000,000</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Remedial Action Grants</u>
<b>Project Number:</b>	<u>30000707</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Toxics Cleanup Program**  
**Remedial Action Grants - New**  
**June 24, 2016**

*Purpose: This list provides project details about the 2017-19 Remedial Action Grant budget request. This list represents additional cleanup projects that are underway and need additional funding to continue the cleanup for ready to proceed projects. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available.*

Rank	Recipient	Project	Description	County	State Share	Site Address	City	Leg. District	Latitude	Longitude
1	Statewide	Site Hazard Assessment	(Grant funding to local health departments or districts to perform site assessments for Ecology. The site assessments identify the locations of areas where hazardous substances are known or suspected; identify the hazardous substances that were released or are threatened to be released; gather evidence confirming a release or threatened release of hazardous substances; and describe the facilities containing the release and their conditions. (See RCW 70.105D.030(2))	Statewide	2,000,000	State-wide	Statewide	Statewide	Statewide	Statewide
2	Statewide	Grant Management	Funding for the administration of the remedial action grant program. Administration includes writing all grant agreements; reviewing and approving all invoices; and grant statute reporting. 2.9 FTE are needed for grant administration, central budget office capital support and agency administrative overhead.	Statewide	644,000	State-wide	Statewide	Statewide	Statewide	Statewide
3	Walla Walla, City of	Sudbury Road Landfill	The Sudbury Road Landfill is located west of the City of Walla Walla. It disposed municipal solid waste in unlined trenches from 1978 to 2006. The groundwater at the site contains tetrachloroethylene and vinyl chloride, a carcinogen, at levels that pose a threat to human health. The City of Walla Walla completed the Remedial Investigation/Feasibility Study under an agreed order with Ecology and is implementing the cleanup action plan under a consent decree. This project provides matching funds for the grant to conduct groundwater monitoring required as part of the cleanup.	Walla Walla	56,500	414 Sudbury Road	Walla Walla	16	46.074807	-118.41069
4	Everett, Port of	Baywood Products	This project provides additional matching grant funds for conducting the sediment cleanup for the site. This will be the final action required to complete full cleanup of the Baywood site by addressing dioxin/furans, carcinogenic polycyclic aromatic hydrocarbons (cPAHs) and woodwaste in the marine sediments. This effort will also provide for an enhanced shoreline habitat and public access to the shoreline and intertidal zone.	Snohomish	1,550,000	200 W Marine View Drive	Everett	38	48.016856	-122.20963
5	Wenatchee, City of	Gold Knob Prospects	Saddle Rock is a community landmark that was mined for gold between 1891 and 1989. In June 2013, The City of Wenatchee completed the remedial investigation and the feasibility study for the site. Soils on the site were found to be contaminated with metals. A draft Cleanup Action Plan has been completed and 30% design plans were prepared for the selected remediation alternative. The project is included in the City of Wenatchee's Capital Plan. The area will be used on a year round basis for a variety of outdoor recreation and education purposes ranging from snowshoeing, to walking, running, hiking, and equestrian uses.	Chelan	900,000	Circle Street & Dry Gulch Road	Wenatchee	12	47.399777	-120.33931

Rank	Recipient	Project	Description	County	State Share	Site Address	City	Leg. District	Latitude	Longitude
6	Grays Harbor Historic Seaport Authority	Weyerhaeuser Sawmill Aberdeen	Past operations of the Weyerhaeuser Sawmill contaminated this site with dioxins, mercury, petroleum hydrocarbons, and polychlorinated biphenyls. Contamination extends onto state owned aquatic lands. Since the Grays Harbor Historic Seaport Authority (GHISA) purchased the property in 2013, Ecology has worked with them to investigate the contamination at the site and evaluate potential future uses for the property. This project will build on those prior grant investments in the next phase of cleanup. This project would provide funding for engineering and design work and cleanup of the site. Ultimately, the GHISA plans to redevelop the site into a community asset that provides public access to the waterfront.	Grays Harbor	2,070,000	500 N Custer Street	Aberdeen	19	46.97186	-123.79787
7	Bellingham, City of	RG Haley completion	This site is located on the shore of Bellingham Bay, immediately south of downtown Bellingham. Historically, a wood treating facility operated on the site, resulting in elevated concentrations of highly toxic wood treatment chemicals in the soil, soil vapor, groundwater, and sediment. The concentrations present pose a risk to human health and the environment. Wood treatment chemicals in a portion of the Haley site overlap contaminants associated with the Cornwall Avenue Landfill site to the south. As a result, cleanup of both sites must occur at the same time. The site is currently unusable. The City of Bellingham plans to develop the site and the adjoining Cornwall Avenue Landfill site into a public park in conjunction with cleanup activities. The park is part of a large-scale City/Port waterfront redevelopment project. Development of a cleanup action plan is underway. Funds are needed to complete the engineering design, and construct the remedy. This work will protect human health and the environment from harm and allow development of the park.	Whatcom	6,750,000	Cornwall Avenue N	Bellingham	40	48.74238	-122.49004
8	Yakima, City of	Yakima City Landfill	The closed City of Yakima Landfill is located on the redevelopment site of the closed Boise Cascade Mill Site in Yakima. The City conducted a supplemental remedial investigation in 2014 and 2015 and found evidence of soil and groundwater contamination. Additional Remedial Investigation and Feasibility Study will be used to determine the appropriate clean-up action plan. This is a high profile economic development site with a potential of 4,000 jobs created on this 220 acre redevelopment site.	Yakima	7,000,000	Interstate 82	Yakima	15	46.61069	-120.49057
9	Bellingham, Port of	Cornwall Avenue Landfill	This site is located on the shore of Bellingham Bay, immediately south of downtown Bellingham. Historically, garbage and wood waste were dumped into the bay, creating this 12 acre site. As a result, soil, groundwater, and sediment contain levels of contamination that pose a risk to human health and the environment. Contaminants in a portion of the Cornwall site overlap contaminants associated with the R.G. Haley site to the north. As a result, cleanup of both sites must occur at the same time. The site is currently unusable. The Port of Bellingham and City of Bellingham plan to develop the site and the adjoining R.G. Haley site into a public use area in conjunction with cleanup activities. The public use area is part of a large-scale City/Port waterfront redevelopment project. Previous work has stockpiled material for use as part of the upland cleanup construction. Funds are needed to perform the upland cleanup construction as well as cleanup construction for remaining areas of the site. This work will protect human health and the environment from harm and allow development of the property for public use.	Whatcom	2,200,000	Cornwall Avenue N	Bellingham	40	48.74083	-122.49269

Rank	Recipient	Project	Description	County	State Share	Site Address	City	Leg. District	Latitude	Longitude
10	Everett, Port of	Weyerhaeuser Mill A	This project provides additional matching grant funds for completing cleanup activities - upland and sediment cleanup. This project addresses Boeing needs for 787 production.	Snohomish	1,000,000	3500 Terminal Avenue	Everett	38	47.975146	-122.22536
11	Anacortes, Port of	Quiet Cove	This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes - Quiet Cove in Fidalgo Bay. This is for upland and possible sediment cleanup.  The site began operating as a bulk fuel terminal and storage facility as early as 1909. The Port of Anacortes (Port) purchased the upland area of the Site in July 2013 and performed an environmental investigation the following year. This investigation found several contaminants exceeding accepted cleanup levels under the Model Toxics Control Act (MTCA). Soil samples showed hydrocarbon and heavy metal contamination. Groundwater samples showed TPHs and arsenic. The current remedial investigation includes the extent of soil and groundwater contamination and will determine if Guemes Channel sediments require cleanup as well.	Skagit	1,000,000	202 O Avenue	Anacortes	40	48.520246	-122.61468
12	Bellingham, Port of	I & J Waterway	This 3-acre sediment site is located along the shore of Bellingham Bay, immediately north of downtown Bellingham. Historically, upland property adjacent to the site was used for a variety of industrial operations including: a lumber mill, rock-crushing plant, and food processing facilities. As a result of these activities, marine sediment contains levels of contamination that pose a risk to human health and the environment.  The Port of Bellingham and City of Bellingham plan to develop a portion of the site into a public use area in conjunction with cleanup activities. The public use area is part of a large-scale City/Port waterfront redevelopment project.  In addition, the Port of Bellingham plans to replace an aging dock and bulkhead in conjunction with cleanup activities. These infrastructure improvements are necessary to the on-going operations of a seafood processing company.  Funds are needed construct the cleanup. This work will protect human health and the environment from harm and allow development for public and private use.	Whatcom	6,200,000	Bellweather Way	Bellingham	42	48.754375	-122.49431
13	Bellingham, Port of	Central Waterfront	This site is located on the shore of Bellingham Bay in downtown Bellingham. Historically, a municipal landfill, a bulk fuel terminal, a foundry, and a boat maintenance and storage facility operated on the site, resulting in elevated concentrations of contaminants in soil, soil vapor, groundwater and sediment. The concentrations present pose a risk to human health and the environment.  The Port of Bellingham plans to develop the site in conjunction with, or following cleanup activities. The site is within a large City/Port waterfront redevelopment district.  Contaminated sediment from this site was addressed by the cleanup of an adjacent site. Previous interim actions removed or isolated contaminated soil within portions of the site. Additional funds are needed to complete cleanup construction for remaining areas of the site. This work will protect human health and the environment from harm.	Whatcom	1,100,000	F Street	Bellingham	42	48.75545	-122.48999

Rank	Recipient	Project	Description	County	State Share	Site Address	City	Leg. District	Latitude	Longitude
14	Bellingham, City of	Eldridge Municipal Landfill	<p>This site is about 32,000 square feet in Little Squallicum Park in Bellingham and adjacent to Bellingham Technical College campus. Historically, the City of Bellingham used the property as a garbage dump. As a result, soil and groundwater contain levels of contamination that pose a risk to human health and the environment.</p> <p>A previous interim action removed the majority of the garbage and contaminated soil. Funding is needed to continue to assess post-construction groundwater quality to ensure cleanup measures result in decreasing contaminant levels over time.</p>	Whatcom	11,000	3100 Block W Illinois	Bellingham	42	48.767041	-122.511156
15	Bellingham, Port of	Georgia Pacific West Mill	<p>This site is located on the shore of Bellingham Bay in downtown Bellingham. Historically, a pulp and tissue mill and chlorine production facility operated on the site, resulting in elevated concentrations of toxic chemicals in soil, soil vapor, and groundwater. In an area of the site adjacent to Bellingham Bay, soils contain liquid mercury. The concentrations present pose a risk to human health and the environment.</p> <p>The site is currently unusable. The Port of Bellingham plans to develop the site in conjunction with, or following cleanup activities. The site is within a large City/Port waterfront redevelopment district.</p> <p>Cleanup construction of a portion of the site is underway. Development of a preferred cleanup alternative and a cleanup action plan for the remaining mercury-contaminated area of the site is underway.</p> <p>Funds are needed to complete the engineering design and construct the remedy for the mercury-contaminated area. This work will protect human health and the environment from harm and allow property redevelopment to proceed.</p>	Whatcom	400,000	300 W Laurel Street	Bellingham	42	47.662112	-117.37605
16	Statewide	Independent Remedial Action Grants	Grant funding to local governments who cleanup contaminated properties through Ecology's Voluntary Cleanup Program.	Statewide	1,500,000	Statewide	Statewide	Statewide	Statewide	Statewide
17	Ridgefield, City of	Park Laundry	A dry cleaners at the Park Laundry site contaminated the soil and groundwater with the dry cleaning solvents, tetrachloroethylene (PCE) and trichloroethylene (TCE). This Site is adjacent to city owned property. The city has expressed interest in purchasing and cleaning up the property after participating in an integrated planning grant (IPG). The IPG examined potential future uses for the site. This project would provide funding for developing a clean up action plan. This step is needed to reach desired outcome of returning this site to productive use. Ultimately the city plans to redevelop the site into a community asset that provides public access to the waterfront.	Clark	915,000	122 N Main Avenue	Ridgefield	18	45.816111	-122745833
18	Port Angeles, Port & City of	Western Port Angeles Harbor	The Western Port Angeles Harbor has widespread sediment contamination. High levels of dioxins, PCBs, cPAHs, and metals are present in the sediments from historic timber industry facilities (plywood, lumber, paper, and pulp mills). The Port and City of Port Angeles are two of seven named potentially liable parties (PLPs) and two of five cooperatively working with Ecology to conduct a Remedial Investigation and Feasibility Study.	Clallam	1,392,000	Western Port Angeles Harbor	Port Angeles	24	48.133101	-123.45371

Rank	Recipient	Project	Description	County	State Share	Site Address	City	Leg. District	Latitude	Longitude
19	Shelton, City of	Shelton C Street Landfill	The City of Shelton used this site as a landfill. Waste dumped at the site included road sweepings, pruning debris, sludge from the wastewater treatment plant, and ash from the Simpson Shelton mill. Potential contaminants at the site include metals and dioxins. This project will fund the remedial investigation and feasibility study for the site. Work will include sampling to determine which contaminants affect the site at levels that pose a threat to human health and the environment and the evaluation of potential cleanup alternatives	Mason	315,000	C Street	Shelton	35	47.21503	-123.13362
20	Everett, Port of	East Waterway	This project provides additional matching grant funds remedial investigation activities - sediment cleanup.	Snohomish	1,000,000	Hewitt Avenue	Everett	38	47.98399	-122.22248
21	Longview, Port of	Marine Terminal Complex (TPH) Site	Industrial activities at this site have resulted in suspected petroleum contamination including total Petroleum Hydrocarbons (TPH) from leaking underground storage tanks and other petroleum storage and conveyance activities. This project provides funding for site investigation work to confirm the suspected contamination and do further investigation of other potential sources of contamination. It also would provide funding to develop an interim action to deal with abandoned pipeline under the shipping berths that still contains petroleum product.	Cowlitz	375,000	10 Port Way	Longview	19	46.10845	-122.95723
22	Statewide	Areawide Groundwater	Grant funding to local governments that investigate groundwater contaminated by hazardous substances from multiple sources. The purpose of these investigations is to identify the sources and facilitate the cleanup of the area-wide contamination.	Statewide	1,500,000	Statewide	Statewide	Statewide	Statewide	Statewide
<b>Total 2017-19 Request for New Projects</b>					<b>39,878,500</b>					

NOTE: In addition to this project list for \$39.9 million, Ecology is also requesting \$24.6 million in delayed RAG projects from the 2015-17 biennium due to the \$78 million revenue shortfall in the Model Toxics Control Act accounts. The total RAG request for 2017-19 biennium is \$64.5 million (new and delayed), which is consistent with the historical funding level of the RAG program.



**461 - Department of Ecology  
Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 8:30AM

Project Number: 30000709

Project Title: Coordinated Prevention Grants

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 18

**Project Summary**

The Coordinated Prevention Grant (CPG) Program supports required local solid and hazardous waste plans and resource conservation through waste reduction, recycling, and reuse programs. CPG enforcement grants help ensure solid waste facilities comply with applicable laws to protect human health and the environment, and reduce human exposure to toxins. In the 2015-17 Biennium, the enacted budget reduced this program in half to \$15.0 million. For the 2017-19 Biennium, Ecology is requesting funding at the 2013-15 Biennium level of \$28.2 million to continue grant funding for ongoing, essential local solid waste management programs and enforcement activities. (Local Toxics Control Account)

**Project Description****What is the proposed project?**

The CPG Program supports ongoing waste reduction and recycling programs, household hazardous waste collection, and local health department regulatory oversight of solid waste facilities and illegal dump cleanup. CPG grants support innovative programs to increase organics diversion and recycling, help reduce wastes and toxic threats, and safely manage household hazardous wastes such as fertilizers, solvents, and automotive chemicals.

Ecology's objectives are to optimize safe waste management by ensuring landfills are operated appropriately, diverting solid waste from disposal, and reusing and recycling materials to reduce environmental risks and greenhouse gas emissions. These activities help protect Washington's groundwater and air, save energy, and provide jobs and new sources of recycled material for manufacturing.

The enacted 2015-17 budget reduced CPG funding to \$15.0 million, which is half of historical funding levels. This reduction negatively impacted local government programs, local businesses, economy, human health, and the environment. Based on results from a survey Ecology conducted with CPG recipients on the impacts of the budget reduction, the program expects an estimated 2,500 fewer responses to illegal dumping complaints and technical assistance requests; 70,000 fewer tons of material recycled or diverted; and the loss of grant-funded jobs.

**SAFE WASTE MANAGEMENT**

Washington has 803 solid waste facilities (including landfills, leachate lagoons, transfer stations, moderate risk waste collection facilities, compost facilities, and recycling facilities). When operated properly, the risks to human health and groundwater are minimized. Local health departments regulate almost all solid waste facilities in the state. They conduct permitting, provide construction oversight, and review environmental monitoring data. Based on Ecology's Solid Waste Information Clearinghouse, in the 2013-15 regular grant cycle, local health officials conducted about 5,646 facility inspections statewide; resolved about 8,812 illegal dumping and illegal waste storage complaints; and provided technical assistance to more than 29,142 businesses and citizens.

**HOUSEHOLD AND SMALL BUSINESS HAZARDOUS WASTE**

Hazardous waste collection and disposal ensure this toxic waste is managed safely. In the 2013-15 grant cycle, CPG funded activities to provide recycling or safe disposal for 12,680 tons of hazardous materials. This reduced the risk of exposure and potential spills to the environment, and illegal dumping of hazardous wastes that could have affected groundwater and stormwater.

Some hazardous waste materials contain persistent bioaccumulative and toxic chemicals (e.g., mercury in thermostats and fluorescent bulbs), while others contain carcinogens (e.g., pesticides, cleaning agents, and solvents). Still others pose a risk due to flammability or explosion potential. Some collected chemicals are reused or recycled, but many are incinerated or safely

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 8:30AM

Project Number: 30000709

Project Title: Coordinated Prevention Grants

## Description

disposed at hazardous waste landfills instead of a solid waste landfills.

### RECYCLING

Recycling reduces pollution and saves energy. Manufacturing processes that use recycled materials replace the need for resource extraction, which is generally a wasteful and energy intensive process. Typically, manufacturing with recycled materials uses between 50 to 90 percent less energy and water than manufacturing with virgin materials. CPG supports ongoing recycling operations, education, and promotion programs. CPG funds helped curbside recycling become a statewide practice and has continued to provide needed program information and support. During the 2013 calendar year, 3.1 million tons of residential and commercial recyclables were collected statewide. During the 2013-15 Biennium, local CPG funded programs diverted 255,345 tons of recyclables from landfills. This CPG-supported recycling reduced greenhouse gas emissions by 222,012 metric tons of carbon equivalent.

### CLOSING THE LOOP ON ORGANICS

Many CPG organics projects focus on taking materials considered waste and turning them into useful products. Keeping these wastes out of landfills reduces greenhouse gas emissions and potential contamination of groundwater from methane. CPG funded organics projects converted 188,531 tons of yard and food waste into compost and other useful soil amendments during the 2013-15 Biennium. These amendments improve soil quality, create cleaner stormwater, and eliminate or reduce the need for pesticides and fertilizers, which are often toxic.

### ELIMINATING WASTE THROUGH PREVENTION

The most cost-effective way to handle waste is not a matter of which technology is used to manage it, but how waste can be prevented in the first place. Prevention reduces the amount of materials, chemicals, and energy needed to produce, transport, and ultimately dispose of products. CPG funds programs like food waste recovery, where county agencies collaborate with local food banks to keep food waste out of landfills and provide useable food for low-income citizens. CPG also funds programs to reuse materials, such as construction debris. Preventing waste is the smartest, cheapest, and healthiest way to protect human health and the environment.

### What opportunity or problem is driving this request?

#### The reason for the project:

Washington State's total waste generation per capita continues to increase, from 6.25 pounds per capita per day of municipal solid waste in calendar year (CY) 1999, to 6.99 pounds per capita per day in CY 2013. Waste generation includes all recovered and disposed materials like recycling, organics, landfilled and incinerated. The CPG program helps effectively manage and ultimately reduce the growing and evolving waste stream.

CPG funds support ongoing waste reduction and recycling programs, and oversight of solid waste facilities. From CY 1999 to 2013, municipal solid waste disposal (all the waste from homes and businesses sent to a landfill or incinerated) decreased from 4.21 pounds per person per day to 3.57 pounds per person per day, while recycling increased during that time period from 2.04 pounds per person per day to 3.42 pounds per person per day. This reduction in disposal and increase in recycling is due in part to the success of CPG funded programs. As of CY 2012, 87.4 percent of residents had access to curbside recycling. To continue this trend, local governments need CPG funding to give residents wider access to curbside recycling.

Legislative intent for the CPG Program is established in RCW 70.105D.070 (4) (a) of the Model Toxics Control Act: "The department shall use moneys deposited in the local toxics control account for grants or loans to local governments for the following purposes in descending order of priority: (i) Extended grant agreements... (ii) Remedial actions... (iii) Storm water pollution... (iv) Hazardous waste plans and programs... (v) Solid waste plans and programs... (vi) Petroleum-based plastic or expanded polystyrene foam debris cleanup."

# 461 - Department of Ecology Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 8:30AM

Project Number: 30000709

Project Title: Coordinated Prevention Grants

## Description

WAC 173-312-010 establishes the purpose and requirements for the CPG Program to provide grants to local governments for local hazardous and solid waste plans and programs.

RCW 70.95.020, the Solid Waste Management Act, assigns primary responsibility for managing and regulating solid waste handling to local government. It also encourages developing and operating waste recycling facilities and requires Ecology to provide technical and financial assistance to local governments in planning, developing, and conducting solid waste handling programs.

RCW 70.95.130, financial aid to counties and cities, directs Ecology to provide financial aid for solid waste planning activities.

RCW 70.95.180, permit for solid waste handling facility – applications, fee, establishes the jurisdictional health department as the entity to investigate and permit solid waste handling facilities.

RCW 70.95.220, financial aid to jurisdictional health departments, provides a mechanism for financial aid from Ecology for enforcing solid waste management rules and regulations.

### The effects of non-funding:

Without funding, local waste management and prevention functions would be severely impacted in almost all small counties. There would be less regulatory oversight of solid waste facilities and a statewide drop in recycling and household hazardous waste programs. There would also be fewer resources available to support small communities in their efforts to develop and maintain infrastructure and strategies to reduce disposal of solid waste.

CPG supports ongoing waste prevention and reduction throughout the entire state at the local level, which plays a significant role in providing green jobs that contribute to growing a green economy, as well as reducing greenhouse gases. CPG provides funding opportunities for all communities to become actively engaged in climate change solutions. Without this funding, waste prevention and reduction efforts would stall, more greenhouse gases would be released, the potential for groundwater contamination would increase, and there would be fewer green jobs in Washington State.

### How does the project support the agency and statewide results?

This request supports Ecology's strategic priority, Prevent and Reduce Toxic Threats, by:

- Keeping hazardous wastes from being stored or disposed of improperly and polluting Washington's surface and groundwater.
- Promoting energy and resource conservation through waste reduction, recycling, and composting.
- Promoting use of less toxic alternatives.

This request provides essential support to two of the Governor's Results Washington goals:

Goal 3, Sustainable Energy and Clean Environment. This request supports this goal by reducing greenhouse gas (GHG) emissions through recycling and composting. Using recycled materials for manufacturing reduces energy needs and the associated GHGs. Composting diverts organics material from landfills, where they create methane, a potent GHG. During the 2013-15 Biennium, CPG funded programs diverted 255,345 tons of recyclables and 188,531 tons of yard of organics material from landfills and reduced greenhouse gas emissions by 241,887 metric tons of carbon equivalent.

In CY 2013, recycling materials instead of sending them to landfills helped us avoid emitting 3.1 million tons of greenhouse gases into the atmosphere. Also, recycling saved enough energy to power 1.3 million homes for a year (nearly half the households in Washington). Composting also reduces leachate in landfills. Leachate, or "garbage juice" contains toxic chemicals and must be managed in waste water treatment facilities. This request also promotes reduction and safe management of toxic products by funding collection and safe disposal of unused products and encouraging the use of safer,

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 8:30AM

Project Number: 30000709

Project Title: Coordinated Prevention Grants

## Description

less-toxic alternatives.

Goal 4, Healthy and Safe Communities. This request supports this goal by funding local hazardous and solid waste plans and programs. Local government is responsible for managing and regulating solid waste handling facilities to make sure they are safely and properly run. During the 2017-19 Biennium, Thurston County expects to divert 1,025 tons of edible food from the waste stream with the help of 100 residential and 20 business participants. This good food will be used to feed hungry people instead of being landfilled or composted.

### What are the specific benefits of this project?

Projects from CPG funded programs provide many benefits to Washington's citizens. They protect human health by removing household hazardous wastes from homes; inspecting solid waste facilities and enforcing solid waste facility rules; cleaning up illegal dumps; and providing information on less toxic alternatives. Less direct benefits include promoting energy and resource conservation through recycling and composting. These activities decrease airborne toxics and carcinogens that result from energy production, limit greenhouse gas emissions, and create green jobs.

In the 2013-15 Biennium grant cycle, CPG funding supported local programs that kept 11,318 tons of household and business hazardous waste out of Washington's rivers, streams, and groundwater. During this time, 3.1 million tons of residential recyclable material were collected statewide. Of this amount, local CPG funded programs diverted 255,345 tons of recyclable materials from landfills.

CPG funds also create a broad base of organics projects that turn yard and food waste into compost and other useful soil amendments. In the 2013-15 grant cycle, recycling and organics diversion through CPG reduced greenhouse gas emissions by 241,887 metric tons of carbon equivalent, or saved the equivalent of 3.8 million British Thermal Units (BTUs). This carbon emission reduction is calculated using the U.S. Environmental Protection Agency Waste Reduction Model (<https://www.epa.gov/warm>).

Projects that promote organics recycling include food waste and backyard composting, making use of composted products and other natural yard care techniques. They increase the quality and productivity of soil, and reduce soil erosion, water requirements, and the need for fertilizers and weed and pest control chemicals.

### LOCAL GOVERNMENT RESULTS

Local recycling programs are the key players behind Washington's leading national recycling rate. CPG played a pivotal role in financing programs. For example, there were 7.9 million tons of materials recovered for recycling and reuse in CY 2013. Today, CPG is refining the success of existing local projects and pioneering the next wave of waste prevention. Examples of local success stories from the 2015-17 grant cycle are:

Grant County will provide Moderate Risk Waste (MRW) disposal options for residents and small businesses. The County will promote collection and provide technical assistance, and expects to collect and properly dispose of 50 tons of MRW from approximately 600 residential participants and seven businesses. They will provide county residents and Small Quantity Generators (SQGs) proper disposal options, keep MRW out of landfills, and prevent illegal dumping.

Thurston County will continue the comprehensive, county-wide food waste prevention campaign. Phase two of the campaign focuses on expanding the success of providing equipment, tools, supplies, and infrastructure to their main food bank, and to county food bank satellite/mobile locations, food pantries, meal programs, and other dedicated storage facilities. They will also expand food waste prevention efforts to grocery stores. Thurston County expects to divert 1,025 tons of edible food from the waste stream with the help of 100 residential and 20 business participants. This good food will be used to feed hungry people instead of being landfilled or composted.

Snohomish County Health District's Pharmaceutical Take-Back program began in 2009 and provides one of the largest programs in the state, maintaining up to 29 secure drop boxes at law enforcement offices throughout the county. Illegal

**461 - Department of Ecology  
Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 8:30AM

Project Number: 30000709

Project Title: Coordinated Prevention Grants

**Description**

handling, storage, and disposal of pharmaceutical wastes can lead to environmental and human health threats. The County expects to properly dispose of 10,000 pounds of controlled substances or other unwanted pharmaceuticals as moderate risk waste, and provide education, outreach, and training materials to households and businesses.

Benton County will construct a new fixed MRW facility from an unused county roads building. They anticipate it being operational and open to the public in the 2015-17 Biennium. They will provide county residents a proper disposal option and keep the MRW out of landfills and prevent illegal dumping.

**How will clients be affected and services change if this project is funded?**

CPG supports more than 100 ongoing local recycling, household hazardous waste, and regulatory oversight programs. Funding supports innovative grants that implement statewide priorities involving waste reduction, reuse, recycling, composting, and reducing human exposure to toxic chemicals. This request maintains CPG funded programs. Local health jurisdictions will be able to maintain the staff needed to inspect solid waste handling facilities and enforce solid waste regulations as required by RCW 70.95.180. Many county solid waste programs do not receive any portion of the tipping fees a county may collect. Instead, they depend on permit fees that are not sufficient to fully fund enforcement.

Based on the 2015-17 CPG applications submitted by grant recipients at full funding of \$29.6 million, CPG would have partially funded more than 700 local government and contracted staff between implementation (508 staff) and enforcement (201 staff) activities, totaling about 369,000 staff hours. This is equivalent to creating employment opportunities for approximately 89 FTEs (369,000 hours/2,080 work hours a year/2 years). With 2015-17 CPG funding at about half the amount of 2013-15, there were commensurate local government staff reductions resulting in less services from those who ensure solid waste is managed to protect humans and the environment. If funding is restored to \$28.2 million in 2017-19, service levels will improve and CPG programs will continue the great accomplishments achieved in the 2013-15 biennium.

**Are FTEs required to support this project?**

Ecology FTEs that support these projects are in the operating budget.

**How will the other state programs or units of government be affected if this project is funded?**

CPG funded programs provide indirect benefits to many other governmental bodies. Solid waste management requires coordination between local governments and the state. CPG funding complements the Puget Sound Partnership and Ecology's Water Quality Program activities by supporting local government projects that protect and restore Puget Sound and other water bodies, including groundwater, which is the source of drinking water for over half of Washington State's citizens. It also supports Ecology's Hazardous Waste and Toxic Reduction Program's efforts to eliminate hazardous waste and reduce use of toxic products. Properly managing solid waste facilities also prevents future cleanup sites.

**What is the impact on the state operating budget?**

The CPG Program is supported by 5.9 FTEs in the operating base budget.

**Does this request include funding for any IT-related costs?**

No.

**461 - Department of Ecology  
Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 8:30AM

Project Number: 30000709

Project Title: Coordinated Prevention Grants

**Description****Why is this the best option or alternative?**

The CPG Program was established in 1989. This grant program has been instrumental in helping local governments develop and maintain programs and services to help Washington citizens reduce, recycle, and prevent waste and properly dispose of hazardous waste. CPG monies are being used to move toward eventually eliminating waste and toxics, and safely handling what remains.

CPG is an established mechanism for distributing funds. If the program did not exist, there would be a reduction in services and increased costs to Washington citizens, both monetarily and environmentally. For example, local governments may have to reduce or eliminate hours of operation for their household hazardous waste facilities or cease operation of their mobile collection events, leading to increased illegal or improper disposal of these materials. There would be less oversight and inspection of solid waste facilities, decreasing environmental protection and increasing risks to human health (e.g., drinking water contamination, vermin habitat/food sources, fire hazards, odors, and physical hazards).

**What is the agency's proposed funding strategy for the project?**

Ecology is requesting Local Toxics Control Account (LTCA) funding for CPG in 2017-19 since RCW 70.105D.070 (4) explicitly authorizes this work under LTCA. Local governments are required to provide a 25 percent match. The 2017-19 appropriation level of \$28.2 million is estimated to leverage \$37.6 million combined state and local dollars.

Traditionally the CPG program has been funded by LTCA, which is part of the Model Toxics Control Act (MTCA). The Hazardous Substance Tax (HST) is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. The MTCA fund balances cannot support new appropriation requests for the CPG grant program. Projected negative balances in the MTCA accounts in the 2017-19 biennium mean no MTCA funding can be requested for new projects. Ecology requests backfill funding from the State Building Construction Account be used for 2017-19 cleanup and stormwater reappropriations to free up LTCA funding for CPG in 2017-19, and help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 biennium, and a \$187 million drop for 2017-19 biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.
- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).
- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.
- Since the 2007-09 biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

Ecology considered several alternatives to address the MTCA revenue shortfall. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 8:30AM

Project Number: 30000709

Project Title: Coordinated Prevention Grants

**Description**

Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 biennium. This alternative is not being pursued or recommended for the 2017-19 biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology’s ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

**Proviso**

None

**Project Type**

Grants

**Grant Recipient Organization:** Local Governments Statewide

**RCW that establishes grant:** Chapter 70.105D RCW

**Application process used**

CPGs are funded in two grant cycles: Regular and Offset. The regular grant cycle funds are distributed based on a base, plus a population formula. Almost all of the counties choose to apply for all of the funds. Applications are submitted and scored based on the following elements: project description, title, goal statement, outcome statement, work plan, and timeline. Applications are evaluated to ensure the activity is consistent with the local solid and hazardous waste management plan. The Offset Cycle funds are distributed through a competitive process. An awards committee, comprised of grant officers and technical experts, reviews and scores the applications based on eligibility, quality of project, and state and local need. A project ranking list is created and available funding is awarded in priority order.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
174-1	Local Toxics Control-State	159,535,000				28,240,000
	<b>Total</b>	<b>159,535,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,240,000</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
174-1	Local Toxics Control-State	29,920,000	31,766,000	33,774,000	35,835,000	
	<b>Total</b>	<b>29,920,000</b>	<b>31,766,000</b>	<b>33,774,000</b>	<b>35,835,000</b>	

**461 - Department of Ecology**  
**Capital Project Request**  
2017-19 Biennium

\*

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/9/2016 8:30AM

**Project Number:** 30000709

**Project Title:** Coordinated Prevention Grants

**Operating Impacts**

No Operating Impact



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:08AM

Project Number: 30000670

Project Title: ASARCO Cleanup

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 19

**Project Summary**

This request continues cleanup work related to ASARCO smelter sites in Everett and Tacoma. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda Implementation. (Cleanup Settlement Account)

**Project Description****What is the proposed project?**

The Cleanup Settlement Account (CSA) was created by the Legislature in 2008 as an interest-bearing account in the state treasury to manage money from settlements or court orders in cases of bankruptcy, limited ability to pay, or natural resource damages. The account ensures settlement funds are linked to specific site cleanup activities or to address injuries to natural resources.

Ecology needed this new account because it anticipated several large settlements – one of them being the ASARCO settlement. In November 2009, ASARCO emerged from bankruptcy, having paid out a \$1.79 billion settlement. Washington's share was deposited in the CSA in December 2009.

Beginning in the 2010 Supplemental Budget, Ecology received its initial funding from the Legislature to implement its 10-year cleanup plans for the Tacoma Smelter Plume and Everett Smelter site. The Legislature funded years one through seven of these plans; this request will fund years eight and nine.

Tacoma Smelter Plume - \$24.0 million and 10.4 project FTEs

Approximately two-thirds of this 2017-2019 budget request will support a program to remove contaminated soils from residential yards. The Soil Safety Program will continue cleaning up contaminated park play areas and soil sampling for new licensed childcares. The free technical assistance program will promote soil cleanup during development projects and will help other agencies and local governments institutionalize soil sampling and cleanup requirements. Funds will also support Dirt Alert outreach programs to raise awareness and promote behaviors that reduce soil contact, especially for families with children. Specific activities include:

- Clean up more than 200 residential yards in north Tacoma and on southern Vashon-Maury Island.
- Sample 100 residential yards in north Tacoma and on southern Vashon-Maury Island.
- Sample approximately 40 new licensed childcares, and clean up two to three parks and any contaminated childcare play areas.
- Provide around 15-20 development projects with free technical assistance and cleanup approval for addressing plume contamination.
- Help the City of Ruston remove and dispose of contaminated soil as they move forward with public works projects in the city.
- They are planning road work where contamination is in the rights-of-way and parks projects impacting public recreation areas.
- Teach 100,000 people about reducing soil contact through home visits, events, mailers, and interactive media.

Everett Smelter Site - \$4.7 million and 4.0 project FTEs

In Everett, new appropriations will be dedicated to sampling and cleanup work in the Uplands (residential area along East Marine View Drive), starting cleanup in the Lowlands (industrial area on the east side of the site) and community outreach and

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:08AM

Project Number: 30000670

Project Title: ASARCO Cleanup

**Description**

education.

In the Upland area, new funds will support continued:

- Removal of contamination from residential properties, which will reduce residents' risk of potential exposure. 10-15 properties will be cleaned up.
- Soil sampling in the cleanup area. Approximately 50 acres (about 300 properties) will be sampled. Results will help determine where future cleanup is needed.

In the Lowland area, funds will start cleanup. So far, work has verified there is a deep groundwater plume that extends east toward the Snohomish River. New funds will support:

- Removal of groundwater plume source material in an area near the original smelter located at the intersection of Highway 529 and East Marine View Drive.
- Cleanup of the shallow groundwater entering the Snohomish River south of the SR 529 Bridge.

**What opportunity or problem is driving this request?****The reason for the project:**

In late 2009, Washington State received settlement funds from ASARCO to pay for cleanup costs at its former smelter operations in Tacoma and Everett and its mining operations located in Northwest and Eastern Washington. The proceeds from this settlement were deposited into the CSA and can only be used to pay for cleanup costs associated with these former ASARCO sites. Ecology developed 10-year cleanup plans to address the cleanup work needed at these sites. In the 2010 Supplemental Budget, the Legislature appropriated spending authority from the CSA to begin implementing the plans. This request will provide the needed spending authority to continue the ASARCO cleanups in the 2017-19 Biennium.

**The effects of non-funding:**

The settlement funds received and deposited in the CSA would not be available for cleanup activities if this new appropriation is not approved. Without a new appropriation, cleanup at the former ASARCO smelter sites would stop once all reappropriated funds are spent, leaving cleanups incomplete. Stopping and restarting these projects would delay cleanup and likely increase total costs.

Also, over the last few biennia the Legislature has authorized settlement funds for loans and direct appropriations. There is sufficient fund balance in the account to support this 2017-19 request. However, any additional loans or direct appropriations could jeopardize Ecology's 10-year plan for the work intended to be funded by the Cleanup Settlement Account.

**How does the project support the agency and statewide results?**

This request supports Ecology's strategic priority to Prevent and Reduce Toxic Threats" by cleaning up contaminated sites to protect human health and the environment. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

This request supports Puget Sound Action Agenda implementation through strategy 21 - Address and clean up cumulative water pollution impacts in Puget Sound and substrategy 21.2 - Clean up contaminated sites within and near Puget Sound by reducing and controlling the sources of pollution and returning a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem.

This request is essential to support the Governor's budget and economic development priorities by investing funds to protect public health and natural resources. This request also supports the Governor's Results Washington Goal 3: Sustainable Energy and a Clean Environment, Goal Topic: Clean and Restored Environment and Sub-Topic: Healthy Lands, by cleaning up and

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:08AM

Project Number: 30000670

Project Title: ASARCO Cleanup

**Description**

managing contaminated upland sites and contaminated sediments in the aquatic environment, so we can:

- Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020. (Outcome measure 3.1)
- Increase the number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016. (Leading indicator 3.1a)

This request supports Puget Sound Action Agenda implementation through strategy 21 "Address and clean up cumulative water pollution impacts in Puget Sound," substrategy 21.2 "Clean up contaminated sites within and near Puget Sound". This request relates to the Puget Sound Action Agenda strategy and substrategy by reducing and controlling the sources of pollution. Cleaning up the former ASARCO smelter sites in Tacoma and Everett that are contaminated with arsenic, lead and other contamination supports the Action Agenda by returning a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem.

**What are the specific benefits of this project?**

Funding this request will continue cleanup activities at the Everett and Tacoma Smelter Plume sites. Soil sampling and remediation planning work will continue as outlined in the 10-year cleanup plans. After cleanup work is completed over the next several years, public health and the environment will be better protected from these toxic chemicals.

This project will also provide economic benefits to the state by creating up to 165 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

Local governments and homeowners in the contaminated areas will receive guidance and technical support regarding sampling for contaminants and guidance on how to implement remediation activities on their properties.

**Are FTEs required to support this project?**

This project requires a total of 14.38 FTEs to continue to support the ASARCO remediation activities as part of the 10-year cleanup plan and maintain existing staff levels.

**How will the other state programs or units of government be affected if this project is funded?**

Local government, including schools, will benefit from investing cleanup settlement dollars into implementing the 10-year cleanup plans because Ecology will direct funding to the best approaches to address risks from contaminated soils at schools, parks, childcare facilities, and camps. Also, local government planning offices will receive guidance on how to incorporate sampling and remediation when permitting new developments or redevelopment in the contaminated zones.

**What is the impact on the state operating budget?**

None.

**NEW. Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

There is no other mechanism to access the funds in the CSA.

**What is the agency's proposed funding strategy for the project?**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:08AM

Project Number: 30000670

Project Title: ASARCO Cleanup

**Description**

Settlement funds from this bankruptcy deposited into the CSA are to be used exclusively for cleaning up ASARCO contaminated sites.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

This is a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
15H-1	Cleanup Set Acct-State	51,359,000				28,760,000
	<b>Total</b>	<b>51,359,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,760,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
15H-1	Cleanup Set Acct-State	18,191,000	4,408,000			
	<b>Total</b>	<b>18,191,000</b>	<b>4,408,000</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000675

SubProject Title: Tacoma Smelter Plume

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:08AM

Project Number: 30000670

Project Title: ASARCO Cleanup

**SubProjects**

SubProject Number: 30000675

SubProject Title: Tacoma Smelter Plume

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 19

**Project Summary**

This request continues cleanup work related to ASARCO smelter sites in Everett and Tacoma. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda Implementation. (Cleanup Settlement Account)

**Project Description**

Approximately two-thirds of the 2017-2019 budget request will support a program to remove contaminated soils from residential yards. The Soil Safety Program will continue cleaning up contaminated park play areas and soil sampling for new licensed childcares. The free technical assistance program will promote soil cleanup during development projects and will help other agencies and local governments institutionalize soil sampling and cleanup requirements. Funds will also support Dirt Alert outreach programs to raise awareness and promote behaviors that reduce soil contact, especially for families with children. The funding also will assist the City of Ruston remove and dispose of contaminated soil as they move forward with public works projects in the city. They are planning road work where contamination is in the rights-of-way and parks projects impacting public recreation areas.

**Location**

City: Tacoma

County: Pierce

Legislative District: 027

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

This is a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
15H-1	Cleanup Set Acct-State	24,023,000				24,023,000
<b>Total</b>		<b>24,023,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,023,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:08AM

Project Number: 30000670

Project Title: ASARCO Cleanup

SubProjects

SubProject Number: 30000675

SubProject Title: Tacoma Smelter Plume

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
15H-1 Cleanup Set Acct-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000676

SubProject Title: Everett Smelter Plume

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 19

Project Summary

This request continues cleanup work related to ASARCO smelter sites in Everett and Tacoma. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda Implementation. (Cleanup Settlement Account)

Project Description

This project will: 1) support cleanup and soil sampling in the cleanup area for the Upland (a residential area on the west side of the site); 2) fund more investigation to determine the full extent of contamination and examine possible cleanup alternatives in the Lowland (industrial area on the east side of the site); and 3) community outreach and education.

Location

City: Everett

County: Snohomish

Legislative District: 038

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:08AM

Project Number: 30000670

Project Title: ASARCO Cleanup

**SubProjects**

SubProject Number: 30000676

SubProject Title: Everett Smelter Plume

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: Chapter 70.105D RCW

Application process used

This is a capital project directly operated and controlled by Ecology.

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
15H-1	Cleanup Set Acct-State	4,737,000				4,737,000
	<b>Total</b>	<b>4,737,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,737,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
15H-1	Cleanup Set Acct-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000910

SubProject Title: ASARCO Cleanup Ten Year Financing Plan

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/16/2016 8:08AM

Project Number: 30000670

Project Title: ASARCO Cleanup

**SubProjects**

SubProject Number: 30000910

SubProject Title: ASARCO Cleanup Ten Year Financing Plan

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 19

**Project Summary**

This request continues cleanup work related to ASARCO smelter sites in Everett and Tacoma. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda Implementation. (Cleanup Settlement Account)

**Project Description**

Ten Year Financing Plan.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

This is a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
15H-1	Cleanup Set Acct-State	22,599,000				
	<b>Total</b>	<b>22,599,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
15H-1	Cleanup Set Acct-State	18,191,000	4,408,000			
	<b>Total</b>	<b>18,191,000</b>	<b>4,408,000</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact



**Ecology 2017-19 Biennial Budget Project List**  
**Toxics Cleanup Program**  
**ASARCO Cleanup - New**  
**June 24, 2016**

*Purpose: This list provides project details about the 2017-19 ASARCO Cleanup budget request. This list represents additional cleanup projects that are underway and need additional funding to continue the cleanup for ready to proceed projects. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available.*

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Running Total	Site Address	City*	Leg. District**	Latitude*	Longitude*
1	Tacoma Smelter Plume	Tacoma Smelter Plume	Approximately two-thirds of the 2017-2019 budget request will support a program to remove contaminated soils from residential yards. The Soil Safety Program will continue cleaning up contaminated park play areas and soil sampling for new licensed childcares. The free technical assistance program will promote soil cleanup during development projects and will help other agencies and local governments institutionalize soil sampling and cleanup requirements. Funds will also support Dirt Alert outreach programs to raise awareness and promote behaviors that reduce soil contact, especially for families with children. The funding also will assist the City of Ruston remove and dispose of contaminated soil as they move forward with public works projects in the city. They are planning road work where contamination is in the rights-of-way and parks projects impacting public recreation areas.	Cleanup / Post Closure Monitoring	Pierce	24,023,000	24,023,000	NA this a cleanup project funding work across the smelter plume	Tacoma	27	48.4939	-122.60331
2	Everett Smelter Plume	Everett Smelter Plume	This project will: 1) support cleanup and soil sampling in the cleanup area for the Upland (a residential area on the west side of the site); 2) fund more investigation to determine the full extent of contamination and examine possible cleanup alternatives in the Lowland (industrial area on the east side of the site); and 3) community outreach and education.	Cleanup / Post Closure Monitoring	Snohomish	4,737,000	28,760,000	NA this a cleanup project funding work across the smelter plume	Everett	38	48.133101	-123.453712
<b>Total 2017-19 Request for New Projects</b>							<b>28,760,000</b>					

\* The city, county, legislative district are tied to the Latitude/Longitude coordinates provided which are within the plumes. However, there are likely multiple cities, counties and legislative districts impacted by these contaminated sites. This is a cleanup project funding work across the smelter plumes.

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 21

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. This request for \$5.2 million will continue the initiative to have a statewide cleanup program by making investments outside of the Puget Sound basin and Western Washington. (State Building Construction Account)

**Project Description****What is the proposed project?**

The Eastern Washington Clean Sites Initiative funds remediation activities on contaminated sites in Eastern Washington. By focusing resources directly to the communities east of the Cascade Mountains, Ecology will have the resources to fund cleanup work related to metals contamination, leaking underground storage tanks, landfills, salvage yards, and wood treatment facilities. The funds will be used to pay for cleanup at contaminated sites where the responsible party (land user, facility operator, or property owner) is either unwilling or unable to pay costs related to the cleanup activities. Ecology will recover cleanup costs where possible.

Attached is a prioritized list of projects that will be funded with this request. The projects have been reviewed and are ready to proceed according to the MTCA regulatory process.

MTCA's cleanup process informs project prioritization. Ecology's Toxics Cleanup Program guides all cleanup projects through MTCA's regulatory process and requirements, including those seeking state capital budget funding. MTCA requires all cleanup projects proceed through the following phases:

1. Assessment: All projects are prioritized based on human health and environmental risks. Cleanup projects address risks either from exposure to contaminated soil, contaminated groundwater and drinking water, contaminated marine water and sediment which pose human health risks from consuming fish and shellfish, toxic vapors, or a combination of the above.
2. Investigate: Remedial investigations define the nature, extent, and magnitude of contamination on all projects.
3. Study: Feasibility studies are conducted on all projects and include alternative analysis, cost-benefit analysis, long-term or life-cycle cost analysis, and cleanup technology preferences.
4. Plan: Information from the remedial investigation and feasibility study are included in a cleanup action plan that describes cleanup standards, methods, monitoring requirements, and schedule – including any time-critical elements.
5. Comment: The public is encouraged to review and comment on the projects' investigations, feasibility studies and cleanup plans during public comment periods.
6. Cleanup: Design, construction, operations, and monitoring of the cleanup. A cleanup is complete when Ecology determines cleanup standards have been met. At this phase, projects are ready to proceed: They are in construction; they have permits or are in the permitting process; their design is complete or underway; or they are under contract.

In addition to projects being evaluated according to the MTCA regulatory process, the project list is prioritized based on:

1. Continuing investments at sites with ongoing cleanup projects.

In 2013, there were significant changes made to MTCA. Among them, was direction for Ecology to plan hazardous site cleanup

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**Description**

at a pace that matches the estimated cash resources in the MTCA accounts. (RCW 70.105D.170) Cleanups can take many years once a site has been contaminated with toxic chemicals. Three major factors determine the length of time for cleanup: the regulatory process used (formal versus independent cleanup); the nature of the contaminants (how difficult they are to remediate); and the type of contaminated media (soil, groundwater, sediments, etc.) Ecology established an ideal target for achieving site cleanup within five years; and has been actively working toward this target by employing model remedies and developing tools and policies to help achieve cleanup faster.

Financial certainty for cleanup project development is critical to ensure existing projects are completed as envisioned, and new projects can be planned and designed to maximize environmental and public health improvements and economic development opportunities. The MTCA revenue decline that resulted in cleanup project delays in the 2015-17 Biennium created uncertainties for public funding. Despite Department of Revenue's Hazardous Substance Tax (HST, MTCA's major revenue source) forecasts projecting a recovery in the next few years, delays in HST revenue recovery will continue to restrain cleanup projects funded with MTCA. For 2017-19, five existing projects are proposed for continuing through cleanup and there is only one new project identified on the prioritized list.

2. Applying the enacted 2015-17 biennial capital budget criteria for prioritizing cleanups outlined in Second Engrossed House Bill 1115 - Section 7038 and the MTCA Cash Management Plan.

Section 7038 (3) authorized Ecology to delay the start of cleanup projects based on acuity of need, readiness to proceed, cost-efficiency, or need to ensure geographic distribution. Ecology used this authority in the 2015-17 Biennium to guide project priority and followed the same criteria for prioritizing the 2017-19 biennial budget request.

3. Where groups of projects have met all of the same Section 7038 criteria, projects are ranked based on Ecology's regional and program priorities and staff capacity to oversee the cleanup. A recovered economy is delivering a record number of cleanup sites to Ecology to review and act on – from 200-300 per year on average, to over 400 in 2015 – but there is no MTCA funding to support additional cleanup project oversight. Economic conditions require Ecology to maintain the current work force and find ways to manage work load while continuing existing cleanup priorities.

4. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects to further refine prioritization. This includes the construction stage of projects, schedule changes, whether permits are in hand, if projects are ready to bid, if projects leverage partnerships, and if projects have already incurred eligible costs.

**What opportunity or problem is driving this request?****The reason for the project:**

This request addresses the toxics cleanup needs of contaminated sites in Eastern Washington. Other capital budget funds for toxic cleanup activities have been directed to sites within the Puget Sound basin. This funding will allow Ecology to continue focus on cleaning up contaminated sites in Eastern Washington. These cleanups protect public and environmental health, create jobs, and promote economic redevelopment.

**The effects of non-funding:**

If this request is not funded, ongoing Eastern Washington cleanup projects would not be completed and new projects would not be started. Eastern Washington work would be underfunded; particularly if investments continue at cleanup sites in and around Puget Sound. Communities in Eastern Washington would continue to be impacted by hazardous substances and degraded water resources.

**How does the project support the agency and statewide results?**

This project is essential to implementing a priority in Ecology's strategic plan by supporting the priority to Prevent and Reduce Toxic Threats. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 3000742

Project Title: Eastern Washington Clean Sites Initiative

**Description**

This request is essential to support the Governor's budget and economic priorities by investing funds to protect public health and natural resources. This request will also support Results Washington Goal 3, Sustainable Energy and a Clean Environment, by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and wildlife resources.

Specifically:

Goal-topic: Clean and Restored Environment – Sub-topic: Healthy Lands.

Outcome Measure 3.1 – Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020.

Leading Indicator 3.1.a – Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016.

This work also supports Goal 2, Prosperous Economy by creating and supporting jobs and making it possible to redevelop previously contaminated land to support economic growth in communities.

**What are the specific benefits of this project?**

Cleaning up contaminated sites in Eastern Washington will yield the following benefits:

- Cleaning up toxic contaminated sites.
- Reduce exposure of hazardous substances to the environment and public as work progresses on these sites.
- Economic redevelopment as abandoned sites move forward through the cleanup process.

Cleaning up contaminated property is usually integrated with economic redevelopment, habitat restoration, and public recreation projects. Most cleanup projects are the first phase of a larger community or economic redevelopment project where the cleanup site is the focal point of the project.

This project will also provide economic benefits to the state by creating up to 32 jobs during the next two years, based on Office of Financial Management estimates.

**How will clients be affected and services change if this project is funded?**

This project will allow Ecology to focus resources on contaminated sites in Eastern Washington, reducing exposure of hazardous substances to the environment and public. The number of contaminated sites cleaned up will increase, resulting in less public and environmental exposure to hazardous substances.

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

Local governments will be positively affected as contaminated sites are returned to use, benefiting the local economy.

**What is the impact on the state operating budget?**

None.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 3000742

Project Title: Eastern Washington Clean Sites Initiative

**Description****Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

One of Ecology's three environmental goals is to clean up pollution, and the Eastern Washington Clean Sites Initiative is an integral part of cleaning up the worst contaminated sites to protect and improve the lives of people and the environment. This work has traditionally received MTCA funding. Revenue projections for the MTCA accounts in the 2017-19 Biennium are not enough to support new capital projects, so Ecology is requesting SBCA funding to support this important work in 2017-19. Funding with bonds is the best option because it will continue cleanup investments that protect human health and natural resources, and support economic redevelopment in Washington.

**What is the agency's proposed funding strategy for the project?**

Traditionally, the Eastern Washington Clean Sites Initiative has been funded with MTCA funding. The Hazardous Substance Tax (HST) is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. The MTCA fund balances cannot support new appropriation requests for toxic site cleanup. Projected negative balances in the MTCA accounts in the 2017-19 Biennium mean no MTCA funding can be requested for new cleanup projects. Ecology requests funding from the SBCA to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 Biennium, and a \$187 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.
- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).
- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.
- Since the 2007-09 Biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

Ecology considered several alternatives to address the MTCA revenue shortfall. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**Description**

Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 Biennium. This alternative is not being pursued or recommended for the 2017-19 Biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology’s ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

During the 2009-11 Biennium, the Legislature managed some impacts to the state budget brought on by the Great Recession by transferring MTCA funding to the GF-S. There were direct transfers, but the Legislature also preserved investments in cleanup. For toxic site cleanup, the SBCA was used to backfill MTCA transfers. This provided funding for existing projects and invested in new toxic site cleanups. Now, the economy is in a growth period – the very time when toxic site cleanup is affordable and interest in redevelopment is high. Providing SBCA funding will allow important, ready-to-proceed cleanup projects to move forward.

Ecology requests \$5.23 million from the SBCA in new funding for projects that integrate shoreline habitat restoration opportunities with cleanup projects to protect public and environmental health, create jobs, and promote economic development. This will allow important cleanup work to continue on July 1, 2017.

Note: The total amount being requested in bond funding for 2017-19 Eastern Washington cleanup projects is \$10.37 million, which includes this \$5.23 million in new funding to start or continue the next phase of projects, \$2.94 million to restore reductions from the 2016 Supplemental Budget, and \$2.2 million for projects delayed due to the MTCA revenue shortfall in reappropriation 30000432. Traditional new investments in Eastern Washington cleanup projects have averaged around \$9.6 million a biennium over the last three biennia.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	45,233,000				5,233,000
	<b>Total</b>	<b>45,233,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,233,000</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	10,000,000	10,000,000	10,000,000	10,000,000	

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**Funding**

Total	10,000,000	10,000,000	10,000,000	10,000,000
-------	------------	------------	------------	------------

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000743

SubProject Title: Airport Kwik Stop

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 21

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. This request for \$5.2 million will continue the initiative to have a statewide cleanup program by making investments outside of the Puget Sound basin and Western Washington. (State Building Construction Account)

**Project Description**

This site is a former gas station that released significant quantities of gasoline to soil and groundwater. Groundwater contamination extends over one-half mile from the source and has impacted several residential drinking water supplies. Additionally, the contaminant plume is near the Pend Oreille River. These funds will be used to conduct additional cleanup activities including air-sparging and soil vapor extraction systems construction and operation. These funds will also continue to support groundwater monitoring to assess the efficacy of the treatment systems.

**Location**

City: lone

County: Pend Oreille

Legislative District: 007

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000743

SubProject Title: Airport Kwik Stop

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	275,000				275,000
	<b>Total</b>	<b>275,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275,000</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000744

SubProject Title: Colville Post and Pole

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 21

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. This request for \$5.2 million will continue the initiative to have a statewide cleanup program by making investments outside of the Puget Sound basin and Western Washington. (State Building Construction Account)

**Project Description**

This site is a former wood-treating facility that has contaminated soil and groundwater with pentachlorophenol (PCP), diesel fuel, and dioxin. The site is adjacent to the Colville River, and poses a risk to surface water and aquatic species. Ecology is currently conducting a Remedial Investigation (RI) to identify and characterize the nature and extent of contamination. Upon completion of the RI, Ecology will prepare a Feasibility Study (FS) to evaluate final cleanup alternatives. This funding will be used to conduct interim actions of contaminated soil and treated wood debris removal as opportunities arise during the RI process.

**Location**

City: Colville

County: Stevens

Legislative District: 007

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000744

SubProject Title: Colville Post and Pole

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,100,000				1,100,000
	<b>Total</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000745

SubProject Title: Schwerin Concaves

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000745

SubProject Title: Schwerin Concaves

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 21

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. This request for \$5.2 million will continue the initiative to have a statewide cleanup program by making investments outside of the Puget Sound basin and Western Washington. (State Building Construction Account)

**Project Description**

The site is a former hard chromium electroplating facility located outside of Walla Walla that has contaminated soil and groundwater. The site is adjacent to Dry Creek, but surface water impacts have not been observed. Ecology has completed a RI/FS and written a Cleanup Action Plan (CAP). The funding will be used to implement the final cleanup for the site.

**Location**

City: Walla Walla

County: Walla Walla

Legislative District: 016

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	365,000				365,000
	<b>Total</b>	<b>365,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>365,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000745

SubProject Title: Schwerin Concaves

No Operating Impact

SubProject Number: 30000746

SubProject Title: Marshall Landfill

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 21

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. This request for \$5.2 million will continue the initiative to have a statewide cleanup program by making investments outside of the Puget Sound basin and Western Washington. (State Building Construction Account)

**Project Description**

This site is a former privately-owned municipal landfill. The site is unlined and has not received waste since 1990. Due to the lack of a liner, as well as past poor operational practices, the site has released volatile organic compounds (primarily solvents) and other hazardous substances to groundwater, impacting down gradient residential drinking water supplies. Ecology is currently conducting a remedy investigation (RI) to identify and characterize the nature and extent of contamination. Upon completion of the RI, Ecology will prepare a feasibility study (FS) to evaluate final cleanup alternatives. Standard practice in conducting cleanups at large scale municipal landfills is to place a low permeability cover (cap) over the waste repository. Upon completion of the RI/FS, this funding will be used to conduct interim action of preparing the site for the cap. Activities include waste consolidation, site grading, stormwater improvements, etc. Impermeable cover (geomembrane) installation will be conducted when funding is available.

**Location**

City: Unincorporated

County: Spokane

Legislative District: 006

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000746

SubProject Title: Marshall Landfill

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,860,000				2,860,000
	<b>Total</b>	<b>2,860,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,860,000</b>

Future Fiscal Periods

	Account Title	Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000747

SubProject Title: Priceless Gas

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 21

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. This request for \$5.2 million will continue the initiative to have a statewide cleanup program by making investments outside of the Puget Sound basin and Western Washington. (State Building Construction Account)

**Project Description**

This site is a former gas station that released petroleum products to soil and groundwater. Groundwater impacts extend to nearby residential and commercial properties. Ecology has conducted a number of cleanup activities on this site, including underground storage tank system removal, contaminated soil excavation and disposal, and installation of air-sparge and soil vapor extraction systems. Monitoring of the site indicates that past activities have been effective. However, continued operation of the treatment systems, and groundwater monitoring are necessary to achieve final cleanup goals. This funding will allow for these continued operations, as well as injection of in-situ chemical treatments that will aid in removal of some remaining contamination that has been resistant to current treatment technology.

**Location**

City: Davenport

County: Lincoln

Legislative District: 013

**Project Type**

461 - Department of Ecology  
 Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

**Project Type**

SubProject Number: 30000747

SubProject Title: Priceless Gas  
 Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used  
 N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	83,000				83,000
	<b>Total</b>	<b>83,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000748

SubProject Title: Stubblefield Salvage Yard

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000748

SubProject Title: Stubblefield Salvage Yard

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 21

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. This request for \$5.2 million will continue the initiative to have a statewide cleanup program by making investments outside of the Puget Sound basin and Western Washington. (State Building Construction Account)

**Project Description**

This site is a former scrap metal salvage yard that operated in Walla Walla for over forty years. The site has contaminated soil and groundwater with multiple hazardous substances, including solvents, polychlorinated biphenyls (PCBs), heavy metals, and dioxins. The site is adjacent to Mill Creek. Funding for this project will be used to conduct a remedial investigation (RI) to identify and characterize the nature and extent of contamination. Upon completion of the RI, Ecology will prepare a feasibility study to evaluate final cleanup alternatives.

**Location**

City: Walla Walla

County: Walla Walla

Legislative District: 016

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	550,000				550,000
	<b>Total</b>	<b>550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000748

SubProject Title: Stubblefield Salvage Yard

No Operating Impact

SubProject Number: 30000916

SubProject Title: Eastern Washington Clean Sites Initiative Ten Year Financing Plan

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 21

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as the sites are redeveloped. This request for \$5.2 million will continue the initiative to have a statewide cleanup program by making investments outside of the Puget Sound basin and Western Washington. (State Building Construction Account)

**Project Description**

Ten Year Financing Plan

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	40,000,000				
	<b>Total</b>	<b>40,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:44PM

Project Number: 30000742

Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

---

SubProject Number: 30000916

SubProject Title: Eastern Washington Clean Sites Initiative Ten Year Financing Plan

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	10,000,000	10,000,000	10,000,000	10,000,000
	<b>Total</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>10,000,000</b>

**Operating Impacts**

No Operating Impact

---

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Eastern Washington Clean Sites Initiative</u>
<b>Project Number:</b>	<u>30000742</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

**Ecology 2017-19 Biennial Budget Project List**  
**Toxics Cleanup Program**  
**Eastern Washington Clean Sites Initiative - New**  
**June 24, 2016**

*Purpose: This list provides project details about the 2017-19 Eastern Washington Clean Sites Initiative budget request. This list represents additional cleanup projects that are underway and need additional funding to continue the cleanup for ready to proceed projects. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available.*

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Running Total	Site Address	City	Leg. District	Latitude	Longitude
1	Airport Kwik Stop	Airport Kwik Stop	This site is a former gas station that released significant quantities of gasoline to soil and groundwater. Groundwater contamination extends over one-half mile from the source and has impacted several residential drinking water supplies. Additionally, the contaminant plume is near the Pend Oreille River. These funds will be used to conduct additional cleanup activities including air-sparging and soil vapor extraction systems construction and operation. These funds will also continue to support groundwater monitoring to assess the efficacy of the treatment systems.	Cleanup / Post Closure Monitoring	Pend Oreille	275,000	275,000	Hwy 31 & Greenhouse Road	Ione	7	48.7144	-117.4143
2	Colville Post and Pole	Colville Post and Pole	This site is a former wood-treating facility that has contaminated soil and groundwater with pentachlorophenol (PCP), diesel fuel, and dioxin. The site is adjacent to the Colville River, and poses a risk to surface water and aquatic species. Ecology is currently conducting a Remedial Investigation (RI) to identify and characterize the nature and extent of contamination. Upon completion of the RI, Ecology will prepare a Feasibility Study (FS) to evaluate final cleanup alternatives. This funding will be used to conduct interim actions of contaminated soil and treated wood debris removal as opportunities arise during the RI process.	Cleanup / Post Closure Monitoring	Stevens	1,100,000	1,375,000	Hwy 395	Colville	7	48.581876	-117.96
3	Schwerin Concaves	Schwerin Concaves	The site is a former hard chromium electroplating facility located outside of Walla Walla that has contaminated soil and groundwater. The site is adjacent to Dry Creek, but surface water impacts have not been observed. Ecology has completed a RI/FS and written a Cleanup Action Plan (CAP). The funding will be used to implement the final cleanup for the site.	Cleanup / Post Closure Monitoring	Walla Walla	365,200	1,740,200	1106 Sappoll Road	Walla Walla	16	46.12191	-118.2366
4	Marshall Landfill	Marshall Landfill	This site is a former privately-owned municipal landfill. The site is unlined and has not received waste since 1990. Due to the lack of a liner, as well as past poor operational practices, the site has released volatile organic compounds (primarily solvents) and other hazardous substances to groundwater, impacting down gradient residential drinking water supplies. Ecology is currently conducting an remedial investigation (RI) to identify and characterize the nature and extent of contamination. Upon completion of the RI, Ecology will prepare a feasibility study (FS) to evaluate final cleanup alternatives. Standard practice in conducting cleanups at large scale municipal landfills is to place a low permeability cover (cap) over the waste repository. Upon completion of the RI/FS, this funding will be used to conduct interim action of preparing the site for the cap. Activities include waste consolidation, site grading, stormwater improvements, etc. Impermeable cover (geomembrane) installation will be conducted when funding is available.	Cleanup / Post Closure Monitoring	Spokane	2,860,000	4,600,200	Andrus & Spotted Road	Marshall	6	47.56489	-117.4994
5	Priceless Gas	Priceless Gas	This site is a former gas station that released petroleum products to soil and groundwater. Groundwater impacts extend to nearby residential and commercial properties. Ecology has conducted a number of cleanup activities on this site, including underground storage tank system removal, contaminated soil excavation and disposal, and installation of air-sparge and soil vapor extraction systems. Monitoring of the site indicates that past activities have been effective. However, continued operation of the treatment systems, and groundwater monitoring are necessary to achieve final cleanup goals. This funding will allow for these continued operations, as well as injection of in-situ chemical treatments that will aid in removal of some remaining contamination that has been resistant to current treatment technology.	Cleanup / Post Closure Monitoring	Lincoln	82,500	4,682,700	1108 Morgan Street	Davenport	13	47.654131	-118.1565

Rank	Recipient	Project	Description	Phase of Cleanup	County	Amount	Running Total	Site Address	City	Leg. District	Latitude	Longitude
6	Stubblefield Salvage Yard	Stubblefield Salvage Yard	This site is a former scrap metal salvage yard that operated in Walla Walla for over forty years. The site has contaminated soil and groundwater with multiple hazardous substances, including solvents, polychlorinated biphenyls (PCBs), heavy metals, and dioxins. The site is adjacent to Mill Creek. Funding for this project will be used to conduct a remedial investigation (RI) to identify and characterize the nature and extent of contamination. Upon completion of the RI, Ecology will prepare a feasibility study to evaluate final cleanup alternatives.	Investigate	Walla Walla	550,000	5,232,700	1535 Offner Road	Walla Walla	16	46.064722	-118.3706
<b>Total 2017-19 Request for New Projects</b>							<b>5,232,700</b>					

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:07PM

Project Number: 3000671

Project Title: Reducing Toxic Diesel Emissions

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 23

**Project Summary**

Diesel exhaust is Washington's worst toxic air pollutant. Diesel exhaust causes and worsens heart disease, lung disease, asthma, and cancer. It contributes to more than 70 percent of Washington's airborne cancer risk according to Ecology's 2008 Toxic Air Pollutants Study. Nearly five million people in Washington live or work near ports and transportation corridors where they are exposed to high levels of diesel exhaust daily. Diesel engines last for decades. Without programs to clean them up, they will continue to harm public health. This request will significantly reduce health threats through vehicle/equipment replacement, and idle reduction for dirtier diesel engines operating in high exposure communities. Also, past state-funded diesel projects in Washington have typically leveraged significant federal, local-public, and private funds. Ecology requests grant funding for local entities to reduce diesel emissions in high-risk areas across the state. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description****What is the proposed project?**

Ecology requests \$5.0 million in grant funding for clean diesel projects that reduce emissions in high-risk, densely populated urban areas, especially at and near ports and transportation corridors. This grant program will also fund projects in non-urban areas that reduce emission exposures to sensitive populations, such as children, the elderly, and people with existing health problems that put them at increased risk; and economically disadvantaged communities or communities with environmental justice concerns.

Past projects have typically leveraged significant additional federal, local-public, and private funds to support projects. For instance, in calendar year 2014, \$1 million of Ecology Clean Diesel Grant funds leveraged an additional \$3.4 million in federal, local-public, and private funds for port related diesel emission reduction projects.

**Program Details:**

According to Ecology's Comprehensive Air Emissions Inventory in 2014, diesel engines in Washington emitted 5,436 tons of toxic diesel particulate emissions. Across the state, older, high polluting vehicles and equipment are being replaced with newer, less polluting vehicles and equipment as part of the natural diesel fleet turnover. But this is not happening fast enough. Because diesel engines last 20 to 30 years or more, less than one third of the current Washington diesel fleet has low polluting engines. Older, dirty engines will continue to harm human health for many years. A large number of the higher polluting diesel engines continue to operate in or near Washington's urban areas, ports, freight distribution centers, rail yards, school yards, and transportation corridors. These diesel hotspots adversely impact sensitive and general populations and remain a critical issue that needs to be addressed.

The Clean Diesel Grant Program has provided funding assistance to reduce over 50 tons of toxic particulate emissions and nearly 5,000 tons of greenhouse gases annually from publicly and privately owned diesel engines. This is based on the pollution control efficiency of the replacement technology compared to pre-retrofit conditions, and the average annual fuel consumption or miles traveled by the upgraded engine.

Nationally recognized as a leader in reducing diesel emissions, the program has:

- Installed retrofit emissions controls on more than 9,000 diesel engines.
- Scrapped and replaced almost 500 old, high polluting diesel vehicles and engines with newer, cleaner ones.
- Installed idle reduction technologies on more than 1,500 diesel engines.

Ecology estimates that approximately 11,500 heavy-duty diesel engines in Washington are in critical need of improved emission controls. The cost to upgrade these engines exceeds \$100 million. This program targets high emitting, heavy duty

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:07PM

Project Number: 3000671

Project Title: Reducing Toxic Diesel Emissions

**Description**

diesel engines in areas with significant public exposure to diesel exhaust. These are mostly emergency response vehicles, school buses, and engines operating in densely-populated urban areas at and near ports and along major transportation corridors. Continued investment in diesel emissions reduction projects to replace or upgrade these 11,500 engines will reduce approximately 10,100 additional tons of toxic and greenhouse gas emissions annually. Proposed projects include:

Idle reduction technology for:

- School buses.
- Fire engines and medic units operating in the Puget Sound area.
- Cargo handling engines at Ports of Seattle and Tacoma.
- Construction equipment and on-road trucks.
- Electric power to operate Puget Sound harbor vessels when moored at dock.
- Electric power to operate ocean-going vessels at dock at the Ports of Seattle and Tacoma.

Scraping and replacing the oldest, highest polluting vehicles, equipment, and engines:

- School buses.
- Harbor vessels operating in Puget Sound.
- Freight hauling trucks at Ports of Seattle and Tacoma.
- Cargo handling equipment at Ports of Seattle and Tacoma.
- Other equipment, such as diesel-fueled orchard heaters.

**What opportunity or problem is driving this request?****The reason for the project:**

Diesel exhaust is the state's highest-risk toxic air pollutant. The International Agency for Research on Cancer has concluded that diesel exhaust is carcinogenic to humans (IARC Monograph 105 at <http://monographs.iarc.fr/ENG/Monographs/vol105/>). It contains fine particles, carcinogenic substances, black carbon, nitrogen oxides, and carbon dioxide. Fine particles, and the chemicals attached on the surface of those particles, increase the risk of serious heart and lung diseases, and some cancers. Those particles that fall to the ground within a short distance of emission also provide a way for toxic substances to get into stormwater and eventually downstream water bodies, including Puget Sound. The nitrogen oxides contained in the exhaust react with other chemicals and sunlight in the atmosphere to create ozone – a toxic air pollutant known to cause serious adverse public health effects. Carbon dioxide and black carbon emissions cause climate change.

Large numbers of diesel trucks, locomotives, cargo-handling equipment, and marine vessels operate at or near our ports, freight distribution centers, rail yards, truck stops, warehouses, and large construction sites, significantly increasing public exposure to toxic emissions. Operators frequently idle large diesel engines to maintain engine operating temperature and to operate on-board heaters, refrigerators, computers, air conditioners, and lights. Operating and idling engines can create health exposure risks close to densely populated areas and high-risk populations at schools, hospitals, nursing homes, and daycare centers.

Widespread community exposure occurs when many engines operate or idle in concentrated areas. Densely-populated and economically disadvantaged communities clustered nearby are exposed to higher amounts of air pollution than people in other areas. Continuing to reduce these emissions is an important health concern for these communities and a priority for Ecology. Reducing emissions near ports also helps protect the waters of Puget Sound by reducing airborne pollutants deposited to surface waters.

In both urban and rural areas, reducing children's exposure to diesel emissions is another high priority. Ecology will continue to help replace high-polluting, pre-1994 school buses that are too old and too polluting for exhaust retrofit emission controls. Installing idle reduction technologies on school buses helps reduce exposure in school yards and school buildings.

In some agricultural areas in Central and Eastern Washington, workers and economically-disadvantaged communities are

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:07PM

Project Number: 3000671

Project Title: Reducing Toxic Diesel Emissions

**Description**

exposed to toxic emissions from diesel-fueled orchard heaters. Replacing these heaters with low-emission alternatives, such as propane-fueled heaters or large fans that circulate air, can also help to reduce toxic exposures.

New idle reduction technologies pre-heat engines, or automatically shut off engines after preset criteria or elapsed times have occurred. Also, small auxiliary engines, or battery systems, can be used to provide necessary on-board power for heating, cooling, and other electronic and operational systems. Reducing engine idle time not only reduces emissions of, and exposure to, toxic emissions and the emissions that cause climate change, but reduces fuel use (saving owners/operators money and reducing state dependence on foreign sources of oil). It preserves large, capital equipment by reducing operating hours and maintenance.

In summary, this request will:

- Reduce public exposure to harmful toxic and carcinogenic pollutants.
- Reduce health care costs for Washington citizens.
- Reduce deposition of harmful pollutants to run-off and surface waters, including Puget Sound.
- Reduce emissions that cause climate change.
- Reduce fuel use and equipment operating costs.
- Help public sector entities get access to scarce capital resources that help them save money.

**The effects of non-funding:**

If this request is not funded, people would continue to be exposed to excessive levels of highly toxic diesel emissions and greenhouse gases. This would result in ongoing levels of serious disease and expensive community health care costs.

Specific impacts of non-funding include:

- For the next 20 years or more, older diesel engines operating at the ports of Seattle and Tacoma would continue to expose communities located in urban areas, especially near our ports and transportation corridors.
- For decades, school buses would continue to idle at school yards and expose nearly a million children to toxic emissions.
- For many more years, old high polluting school buses would continue to transport and expose children to toxic emissions.
- The benefits of reducing diesel emission deposition to stormwater run-off, pollution to surface waters, including Puget Sound, as well as climate change benefits, would be lost.
- Local governments with limited resources would not have funds to make necessary equipment and vehicle upgrades that can save them money on fuel, maintenance, and capital equipment replacement costs.
- People who live and work near orchards that use diesel-fueled orchard heaters would continue to be exposed to very high levels of toxic diesel emissions.

Failing to fund these projects would result in a missed opportunity to reduce future health care costs by millions of dollars.

**How does the project support the agency and statewide results?**

This request is essential to implementing Ecology's strategic priorities to Prevent and Reduce Toxic Threats, Protect and Restore Puget Sound, and the Governor and Ecology's joint priority to Reduce and Prepare for Climate Impacts by helping diesel engine owners reduce toxic diesel emissions and greenhouse gases. This request supports the following strategic outcomes: Prevent pollution and toxic runoff from reaching our waters, Clean waters and healthy ecosystems, and Prepare for and minimize impacts to natural and built communities.

By helping diesel engine owners reduce toxic diesel emissions and greenhouse gases, this request provides essential support to the Governor's Results Washington Goal 3, Sustainable Energy and a Clean Environment, Leading Indicator 3.3a: Decrease tons of toxic diesel soot air pollution emitted from mobile sources from 6,444 to 5,248 by 2016; and Outcome Measure 1.1: Reduce transportation-related greenhouse gas emissions from 44.9 mmt/year (projected 2020) to 37.5 mmt/year (1990) by 2020.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:07PM

Project Number: 3000671

Project Title: Reducing Toxic Diesel Emissions

**Description**

This request supports Puget Sound Action Agenda implementation through substrategy 9.3, Adopt and implement plans and control strategies to reduce pollutant releases into Puget Sound from air emissions, by eliminating excess toxic diesel contamination entering the air and entering Puget Sound through a variety of pathways (including direct deposition and surface/stormwater run-off).

**What are the specific benefits of this project?**

Reducing exposure to toxic chemicals in diesel exhaust significantly reduces public health risks, disease, and the related health care costs. The California Air Resources Board estimates that every one dollar spent toward diesel emission reductions saves three to eight dollars in health care and societal costs of diesel health impacts over a 15-year period ('Emission Reduction Plan for Ports and Goods Movement in California – Final,' CARB, April 6, 2006). The Union of Concerned Scientists estimates that society receives nine to sixteen dollars in public health and societal benefits for every one dollar spent on diesel emission reducing projects ('Sick of Soot: Reducing the Health Impacts of Diesel Pollution in California,' Union of Concerned Scientists, Cambridge, MA, 2004).

The greatest benefits are achieved in those areas where large concentrations of diesel engines are operated and idled, particularly in and around schools, hospitals, bus barns, ports, distribution centers/warehouses, rail yards, and transportation corridors. Over the past several years, Ecology has retrofitted pre-2007 school buses and public sector diesel equipment and vehicles with exhaust emission control technologies that capture toxic, fine particles during all modes of operation. Vehicles and equipment not suitable for exhaust retrofit have been scrapped and replaced. These projects have reduced emissions on each engine between 30 and 95 percent, depending on the age and type of engine. Most remaining engines are not suitable for exhaust retrofit and must be replaced with cleaner equipment and vehicles.

Idle reduction complements emission control systems and provides additional benefits. Idle reduction systems reduce toxic emissions and greenhouse gases by eliminating unnecessary engine idle time. They also cut fuel use and costs, and reduce engine wear, which can extend the life of expensive diesel engines.

Diesel vehicle, equipment, and engine replacements and installing diesel idle reduction technology create and maintain jobs for heavy-duty diesel engine mechanics and associated diesel industry jobs. Installing shore power stations creates and maintains jobs in the electrical and construction industries.

This request will also provide economic benefits to the state by creating or sustaining up to 29 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

Ecology will be able to build on and improve current efforts to reduce harmful diesel pollution in communities around the state.

People who live and work near high-exposure areas will be protected from increased incidence of serious disease. Citizens, businesses, and governments will save on health care costs related to the adverse health effects of diesel pollution exposure. Children riding school buses and people living in economically disadvantaged communities near ports will be exposed to significantly fewer toxic pollutants.

Diesel vehicle and equipment owners will save on fuel and operating costs. Ecology's Clean Diesel Team provides expert staff and contractors to help client fleets select the idle reduction technology, replacement engines, or emission reducing projects that best suit the use of the vehicle or equipment.

School districts that still rely on pre-1994 vintage buses can scrap and replace old, high-polluting, fuel-inefficient, and less reliable buses with newer buses. The newer buses will produce significantly fewer emissions, use less fuel, and require less maintenance.

Other owners of construction equipment, harbor vessels, port dray trucks, and cargo-handling equipment that use diesel engines will benefit from scrapping older, dirtier, less efficient equipment and engines and replacing them with newer, cleaner



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:07PM

Project Number: 3000671

Project Title: Reducing Toxic Diesel Emissions

**Description**

versions. Installing idle reduction technologies or installing shore power electrical infrastructure will also help these owners reduce emissions and save fuel.

**Are FTEs required to support this project?**

This request requires a total of 1.15 FTEs to implement the diesel emission reduction grant program, including evaluating client needs and solutions, soliciting applications, contracting with grant recipients, contracting with technology and service vendors, providing technical assistance, processing vendor/recipient payments, and closing grant awards.

**How will the other state programs or units of government be affected if this project is funded?**

This request will provide funds to replace engines, vehicles, and equipment, and install idle reduction technology, to reduce pollution and lower operating costs – benefitting local public agency staff and budgets. Grant funds will focus on reducing emissions in high-risk, densely populated urban areas, especially at or near ports and transportation corridors, where many diesel engines operate and create high public exposure risk. Local school districts can scrap and replace old, inefficient, high-polluting buses with new, cleaner, more efficient buses, reducing health risks for thousands of children who ride those buses each year.

**What is the impact on the state operating budget?**

This grant program will not directly impact the state's Operating Budget. But, 1.75 FTEs in the Air Quality Program's operating budget provide support for planning and developing the diesel programs, including evaluating client needs and solutions, technical assistance, project management and oversight, and collecting grantee data on clean diesel project performance and results. This request complements an Operating Budget request, "Preventing Non-Attainment Areas," funded in 2015 for capacity and implementation strategies that reduce pollution in areas at risk of violating federal ozone and fine particle air quality standards throughout the state. We are also submitting a separate, but related, capital budget request, "Reducing Toxic Wood Stove Emissions," that supports reducing fine particulate matter statewide.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

Diesel equipment and vehicles last decades and are expensive to replace, upgrade, or retrofit. This means that older, higher polluting diesel engines remain in service for many years. Financial incentives encourage owners to upgrade, replace, retrofit, or supplement engines and engine operating systems to make them cleaner. This program accelerates the rate of fleet turnover, leading to reduced emissions significantly sooner than under normal fleet operation.

**What is the agency's proposed funding strategy for the project?**

Ecology proposes using the State Building Construction Account for this grant program. The State and Local Toxics Control Accounts funded these grants in the last few biennia, but the projected balances for the accounts are insufficient to fund this important work in the 2017-19 Biennium. Ecology will either grant funds directly to local governments or provide local governments with state contractors to perform these services.

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:07PM

Project Number: 30000671

Project Title: Reducing Toxic Diesel Emissions

**Description**

Grant Recipient Organization: Multiple

RCW that establishes grant: None

**Application process used**

Grant awards will be based on viability of technology or program proposed, cost of the project, readiness to proceed, percent cost share, and estimated toxic and greenhouse gas emissions reduced as a result of the project. Also, Ecology will consider how the project will reduce exposure to sensitive populations (children, elderly, those with existing disease) and economically disadvantaged communities.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	25,000,000				5,000,000
	<b>Total</b>	<b>25,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>
		<b>Future Fiscal Periods</b>				
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	5,000,000	5,000,000	5,000,000	5,000,000	
	<b>Total</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Matthew Vandrush-Borgacz</u>	<b>Email:</b>	<u>mvan461@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-6646</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Reducing Toxic Diesel Emissions</u>
<b>Project Number:</b>	<u>30000671</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

\*\*\* *This page intentionally blank.* \*\*\*

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:11PM

Project Number: 3000674

Project Title: Reducing Toxic Woodstove Emissions

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 24

**Project Summary**

Smoke from wood burning stoves causes significant health problems, including asthma, lung disease, heart disease, stroke, and premature death. This request will reduce emissions from old, high-polluting wood stoves in communities facing significant public health threats from wood smoke. Funds will be used to replace woodstoves with cleaner home heating options and deploy cleaner burning emission control solutions, eliminating up to 100 tons of fine particle pollution each year. Priority areas include communities at high risk of violating national ambient air quality standards to prevent violations and avoid significant economic, environmental, and public health consequences. Related to Puget Sound Action Agenda Implementation. (State Building Construction Account)

**Project Description****What is the proposed project?**

Woodstoves last 20 or more years, and the process to change over to cleaner home heating is slow. Based on residential wood combustion surveys in 2001 and 2007, and the number of housing units reported by OFM in 2011, Ecology estimates that over 200,000 uncertified, pre-1990, highly inefficient, and polluting woodstoves are still in use in Washington. Tens of thousands of these are located in high risk communities that violate or are close to violating federal fine particle pollution standards. Cleaner home heating devices, such as certified woodstoves, natural gas furnaces, or heat pumps are long-term capital investments that help speed the transition to cleaner, more efficient technology.

**What opportunity or problem is driving this request?****The reason for the project:**

Multiple areas in Washington State measure pollution levels close to violation of the federal fine particle air pollution standards. Pollution from woodstoves is the principal cause of fine particle pollution problems in these communities.

Exposure to fine particles damages public health and is especially harmful to people with lung and heart diseases. Fine particles also carry toxic and carcinogenic chemicals (the by-products of combustion) and serve as a delivery system for these chemicals into the body and the environment. Combined, these pollutants cause or exacerbate asthma, heart disease, lung disease, and stroke and lead to cancer and premature death. Increased disease and associated health costs hurt the financial stability of families, businesses, and governments. Ecology's 2009 study on the health effects of fine particle pollution in Washington estimates that 1,100 people die each year from exposure to particulate matter, and the health care and societal costs of exposure-related diseases approach \$200 million (2009 dollars) each year<sup>1</sup>.

Violating the standards carries significant economic penalties for communities. It requires commercial, industrial, community, and private investment in strategies that will reduce existing pollution levels. It also raises the air quality permit requirements for new companies wanting to move into a community or for existing companies that want to invest in facility improvements. These requirements may dissuade new business in these communities and discourage existing companies from expanding, upgrading, or remaining. People may choose not to move to or live in a community with heavily polluted air, which can depress property values.

It is critical for public health and the economy to prevent areas from violating these standards and, where that is not possible, to clean the air as quickly as practical. The state and local communities have five years under federal law to bring violating areas back into compliance with federal standards. It is better to prevent violations of the standards than to be found in violation. Reducing fine particle emissions from tens of thousands of woodstoves is a crucial component in returning areas to clean air status and removing barriers to economic growth. The strategies supported by this request will lead to reduced atmospheric pollution levels, and ensure that fewer or less stringent regulatory options would be needed to achieve clean air in communities where woodstove replacement programs take place.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:11PM

Project Number: 30000674

Project Title: Reducing Toxic Woodstove Emissions

**Description**

Department of Ecology. *Health Effects and Economic Impacts of Fine Particle Pollution in Washington*. 2009.  
<https://fortress.wa.gov/ecy/publications/publications/0902021.pdf>

**The effects of non-funding:**

Failure to address woodstove emissions would mean continued high exposure levels, resulting in preventable diseases and increased health care costs.

If the federal standards are violated, emission reductions would be imposed on all principal sources of fine particles in violating areas (including industrial, commercial, and transportation) within five years of being designated out of compliance. Strategies to reduce emissions can include stronger regulations, tougher permitting conditions, incentive programs (with costs for industry and local and state government), or a combination of these strategies. Strict regulatory strategies can have a negative effect on local economies, aggravating existing business and employment conditions, and impacting community livability.

If we do not adopt successful strategies, we risk federal intervention and decision making shifting to the federal government (through the imposition of a Federal Implementation Plan); increased costs/penalties for new or expanding businesses; and possible sanctions. Sanctions include reduced federal air quality grants and withholding federal transportation grant funds.

**How does the project support the agency and statewide results?**

This project is essential to implementing the following priorities in Ecology's strategic plan:

-Prevent and Reduce Toxic Threats: Reduce exposure to toxic fine particle pollution that is hazardous to human health by replacing uncertified residential woodstoves. Supports strategic outcome: *Prevent pollution and toxic runoff from reaching our waters*.

-Protect and Restore Puget Sound: Reduce emissions and deposits of PAH (polycyclic aromatic hydrocarbons) from entering the waters of Puget Sound by replacing uncertified residential woodstoves. Supports strategic outcome: *Clean waters and healthy ecosystems*.

-Reduce and Prepare for Climate Impacts: Reduce emissions and deposits of black carbon, a climate warming pollutant, by replacing uncertified residential woodstoves. Supports strategic outcome: *Minimize impacts to ecosystems*.

This request provides essential support to the Governor's Results Washington Goal 3; Sustainable Energy and a Clean Environment; Goal Topic: Clean and Restored Environment; Sub Topic: Healthy Air.

-Outcome measure 3.3: Increase percent of population living where air quality meetings federal standards from 92% to 100% by 2020.

-Leading indicator 3.3.b.: Increase number of woodstoves replaced with cleaner burning technologies from 2,777 to 4,000 by 2016.

This request supports Puget Sound Action Agenda implementation through strategy 9, Prevent, Reduce, and Control the Sources of Toxic Contaminants Entering Puget Sound and substrategy 9.3, Adopt and implement plans and control strategies to reduce pollutant releases into Puget Sound from air emissions. Residential wood stove contamination is a major source of PAH (polycyclic aromatic hydrocarbons) entering the waters of Puget Sound.

**What are the specific benefits of this project?**

Fine particle pollution will be reduced in communities that violate or are at risk of violating federal standards. Washington residents will breathe less toxic levels of air pollution, leading to fewer adverse health effects caused by the pollutant, and lower

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:11PM

Project Number: 30000674

Project Title: Reducing Toxic Woodstove Emissions

**Description**

health care costs associated with lung and cardiovascular diseases. Ecology's 2009 study estimates that fine particle pollution in Washington is responsible for over 1,100 deaths and nearly \$200 million in public health and societal costs each year.

Quickly reducing the amount of emissions from high-polluting woodstoves will also prevent or reduce the long-term economic impacts to the communities that are in violation of federal air quality standards.

Woodstove change-out programs provide jobs in a number of ways. These programs increase sales and installation of replacement stoves or other heating options in existing homes, resulting in creating or sustaining retail and construction jobs. In addition, three of the nation's top five woodstove manufacturers are located in Washington State. Many of the change-outs will result in sales of new appliances from these manufacturers, increasing and sustaining jobs in that sector of the economy. Replaced stoves have a value on the market as scrap metal. Replacing stoves can create or sustain jobs in the metal recycling industry.

This request will also provide economic benefits to the state by creating up to 23 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

Woodstoves can remain in use for 20 or more years. Without change-out programs or other incentives, they will continue as a primary source of winter smoke pollution for many years. Funding this request will accelerate removal of these high polluting stoves. Some woodstove owners will receive partial or full reimbursement for replacing old woodstoves with cleaner alternatives. Full-cost replacements for low-income folks that rely on wood heat has been a favored principle for both the Legislature and local communities facing high levels of wood smoke pollution.

Current programs prioritize replacement of older, high polluting, uncertified stoves in low-income, high wood-use homes. Replacements generate cleaner, more efficient heat, can save residents money on heating bills, and provide a more comfortable living space. Ecology will assess other strategies that reduce the need for wood heat, such as weatherization, improving home heating efficiency, or providing access to infrastructure such as natural gas or electricity that allows use of cleaner burning technologies or alternatives. Depending on the other strategies identified, people may have access to infrastructure that allows them to adopt cleaner burning alternatives.

**Are FTEs required to support this project?**

This request will use a total of 0.29 FTE. This position will administer the grant program, evaluate client needs and solutions, solicit applications, and provide technical assistance. This is the same level of staffing supporting this capital project in the 2015-17 Biennium.

**How will the other state programs or units of government be affected if this project is funded?**

This request will help local counties and communities meet their obligations to reduce fine particle emissions and meet federal air quality standards under the State Implementation Plans required by federal law. This will help ensure healthy air quality, prevent unnecessary disease and health care costs, and help eliminate economic sanctions and constraints imposed when communities violate federal standards.

Ecology is also making a separate, but related, capital budget request, "Reducing Toxic Diesel Emissions," to promote additional strategies that will help address health risks from air pollution and prevent violations of federal air quality standards.

**What is the impact on the state operating budget?**

None.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:11PM

Project Number: 30000674

Project Title: Reducing Toxic Woodstove Emissions

**Description**

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

During the last four biennia, funds from the state’s woodstove change-out grant program have replaced more than 4,500 uncertified woodstoves with cleaner burning alternatives, reducing more than 100 cumulative tons per year of fine particle pollution. In combination with better compliance programs, woodstove change-outs have helped substantially reduce high pollution measurements in Tacoma/Pierce County and in Yakima, bringing those communities into compliance with federal air quality standards.

Most grant funds were targeted toward old, high polluting, high-use stoves owned by low-income citizens. Ecology estimates the state’s high-risk air polluted areas still contain tens of thousands of uncertified wood-burning appliances. A combination of regulatory policies and incentives to reduce use of these stoves will be needed to achieve and maintain compliance with the federal air quality standards in high-risk and vulnerable areas.

**What is the agency’s proposed funding strategy for the project?**

Ecology proposes using the State Building Construction Account (SBCA) for this grant program. Several accounts have been used to fund this work in the past including SBCA and State and Local Toxics Control accounts, but the projected balances for State and Local Toxics Control accounts are insufficient to fund this important work in the 2017-19 Biennium.

**Proviso**

No

**Project Type**

Grants

**Grant Recipient Organization:** Local air Agencies and Ecology Regional Offices

**RCW that establishes grant:** N/A

**Application process used**

Competitive grants. Ecology establishes grant criteria for each grant cycle, such as: location in an area designated non-attainment for federal ambient air quality standards or at risk of being declared non-attainment; ability to leverage other funding sources; proposed actions resulting in the greatest PM 2.5 emission reductions; creative approaches to reach high volume wood users; replacement of uncertified devices that are a home’s primary heat source; education of consumers; readiness to proceed; and demonstrated capacity to spend the requested funding. All applications are evaluated and ranked against the adopted criteria, and decisions on funding are made based on the amount available and the worthiness of projects.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	20,000,000				4,000,000
	<b>Total</b>	<b>20,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,000,000</b>



461 - Department of Ecology  
Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:11PM

Project Number: 30000674

Project Title: Reducing Toxic Woodstove Emissions

**Funding**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	4,000,000	4,000,000	4,000,000	4,000,000
	<b>Total</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>4,000,000</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Matthew Vandrush-Borgacz</u>	<b>Email:</b>	<u>mvan461@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-6646</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Reducing Toxic Woodstove Emissions</u>
<b>Project Number:</b>	<u>30000674</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 3000669

Project Title: Leaking Tank Model Remedies

**Description**

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description****What is the proposed project?**

The 2013 Legislature passed Second Engrossed Second Substitute Senate Bill (2E2SSB) 5296, which directed Ecology to develop model remedies and report back to the Governor and Legislature by November 1, 2016. Ecology's initial focus has been to develop model remedies for sites with petroleum contamination, with an emphasis on leaking fuel tanks. Ecology completed seven model remedies for sites with petroleum impacts to soil in September 2015 and recently proposed 12 model remedies for public review at sites with petroleum impacts to groundwater.

Model remedies and the work Ecology will complete with this funding are key parts of the agency's strategy to address sites with petroleum contamination. Even a small amount of petroleum released from a fuel tank can contaminate groundwater, which serves as a source of drinking water for over 50 percent of Washington residents.

In the early 1990s, the Environmental Protection Agency (EPA) established new regulatory requirements to prevent petroleum releases. Many gas station owners went out of business because they could not afford the cost of complying with the new regulations. This left properties abandoned without owners or owners who were bankrupt and without resources to clean up the contamination. These abandoned properties created a large backlog of potential cleanup sites.

Since the early 1990s, Washington and other states have made steady progress investigating and cleaning up past releases. In Washington, nearly 4,000 leaking fuel tank sites have been evaluated and cleaned up. But Washington still has over 3,000 leaking fuel tank sites that require further action. The number of LUST sites on the list continues to grow as past releases are discovered during property and infrastructure development and improvements. Since 2008, property owners and developers have reported an average of 70 new sites per year. Over 50 percent of the approximately 6,000 total Washington cleanup sites are caused by releases from LUST facilities. In addition, petroleum contamination comes from other types of facilities. Over 85 percent of total site cleanups involve petroleum contaminants. These facilities are both privately and publicly owned and include bus barns, metro transit facilities, fire districts and public works facilities. Delays in cleanup actions increase the potential for releases to ground water and hinder efforts to redevelop contaminated properties.

This request will fund the following activities:

1. Model remedy research and technology assessment. Ecology held several stakeholder meetings during June 2016 to receive feedback on existing and proposed petroleum model remedies. Ecology also hopes to receive input on the next category of sites that stakeholders deem important or appropriate for a model remedy approach (e.g., mining sites - particularly in Eastern Washington - and metal plating operations). Also, RCW 70.105D.030 (2)(k)(ii) directs Ecology to solicit and consider technology proposals from qualified individuals when developing model remedies. Ecology will evaluate and verify the effectiveness of proposed technologies.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**Description**

Additional work to evaluate innovative technologies for LUST sites and other types of contaminated sites will include literature reviews, bench-scale testing, pilot projects, and regulatory evaluations designed to determine the appropriateness and effectiveness of various remedial technologies. Some reviews will require specialized expertise. Given the large number of LUST sites that require further work, the initial focus will be on innovative technologies that address petroleum contamination. Ecology will identify additional site categories after discussions with the regulated community, contractors, and the general public.

2. Site investigations and abandoned site cleanup. Many LUST sites lack current soil and groundwater data required to determine whether additional cleanup measures are needed. This request will pay for site investigations and allow Ecology to determine whether sites comply with Model Toxics Control Act (MTCA) cleanup standards. If a site meets MTCA standards, we will be able to provide the property owner with a no further action (NFA)1 letter, which helps facilitate property redevelopment. If additional cleanup is needed, Ecology will use the petroleum soil and groundwater model remedies to the greatest extent possible to comply with MTCA and prevent remaining health and environmental risks.

Ecology will also conduct cleanup actions to prevent further environmental degradation at sites with abandoned tanks or at sites where property owners have declared bankruptcy. In these situations, Ecology will initiate cost recovery actions and may place liens on individual properties with the goal of recovering public expenditures when properties are redeveloped and sold.

3. Evaluation and verification. Ecology has identified an initial list of sites that represent a wide range of environmental conditions and settings. Ecology will document, evaluate, and verify the effectiveness of model remedies at these sites. Environmental protection, cleanup costs, and cleanup timeframes will be considered when evaluating the effectiveness of the petroleum soil and groundwater model remedies. The evaluation results will be used when developing model remedies for other types of sites.

*Ecology provides written opinions on the adequacy of site sampling and cleanup actions through the Voluntary Cleanup Program. Ecology issues a no further action (NFA) letter to document our review when we determine that a cleanup action complies with the MTCA requirements.*

**What opportunity or problem is driving this request?****The reason for the project:**

Washington has abundant, high quality groundwater resources that are critical to the health and economic well-being of Washingtonians. Leaking fuel tanks pose risks to Washington's groundwater resources, which serve as a source of drinking water for over 50 percent of Washington residents. Ecology estimates there are over 3,000 leaking fuel tank sites that need to be evaluated and potentially cleaned up. Many of these sites were first discovered in the 1990s. Long delays in starting and completing cleanup actions increase the potential for releases to groundwater. Delays also hinder local community efforts to redevelop contaminated brownfield properties, which are properties previously developed and currently abandoned or underutilized because their reuse is hindered by the release or threatened release of hazardous substances.

**The effects of non-funding:**

If this request is not funded, the regulated community would not receive the full benefits of model remedies, such as reduced evaluation costs and shorter cleanup timeframes.

A lack of funding for model remedies would reduce the effectiveness of Ecology's other regulatory streamlining efforts to accelerate investigation, cleanup, and delisting of leaking fuel tanks. The lack of additional funding for confirmation sampling would delay decisions on removing sites from the cleanup site list. The lack of additional funding for priority cleanup projects would increase the potential for releases to groundwater, surface waters and air, and hinder the redevelopment of contaminated properties.

Providing funding will allow Ecology to continue direct cleanup investments across the state, streamline the leaking tank fuel

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 3000669

Project Title: Leaking Tank Model Remedies

**Description**

cleanup process, and implement key tenets of Second Engrossed Second Substitute Senate Bill (2E2SSB) 5296. If this request is not funded, Ecology will have to delay these important cleanup and development projects until sufficient MTCA revenue is available.

**How does the project support the agency and statewide results?**

This request supports Ecology's strategic priority to Prevent and Reduce Toxic Threats by cleaning up contaminated sites to protect human health and the environment. It contributes resources to continue activity A005, "Clean the Worst Contaminated Sites First."

This request also supports Results Washington Goal 3, Sustainable Energy and a Clean Environment, by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and wildlife resources, so we can:

- Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020. (Outcome Measure 3.1)
- Increase the number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016. (Leading Indicator 3.1.a)

This work also supports Goal 2, Prosperous Economy, by creating and supporting jobs so we can make it possible to redevelop previously contaminated land to support economic growth in communities.

Half of the sites listed on the attached project list are located in or near Puget Sound. This request supports Puget Sound Action Agenda implementation through substrategy 21.2 to Clean Up Contaminated Sites Within and Near Puget Sound. This request produces more efficient and cost effective cleanups that reduce and control sources of pollution. Investing in model remedy development and evaluation supports the Action Agenda by returning a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem.

This request also supports the Puget Sound Action Agenda implementation through sub-strategy 10.3 "Fix problems caused by existing development," regional priority 10.3-5 "Research, study, and/or pilot legacy pollutant removal programs with intent of filling data gaps". This request relates to the Puget Sound Action Agenda sub-strategy and regional priority by streamlining the cleanup process to be faster and less expensive. These model remedies will focus on over 3,000 leaking underground storage tank (LUST) sites with petroleum contamination. These sites pose risks to Washington's ground and surface water resources. Addressing the contamination through accelerated cleanup will protect the environment and remove barriers to economic and community redevelopment. This funding will be used to (1) research and develop model remedies for LUST sites and other common site categories, (2) apply petroleum model remedies when performing site investigations and cleanups and (3) evaluate, document and verify the effectiveness of model remedies.

**What are the specific benefits of this project?**

This work will benefit Washingtonians by achieving economic and social results related to a clean and restored environment. Specifically, benefits of this request include:

- The contaminated sites identified in the attached project list will be evaluated and cleanup will be initiated at many of these.
- The people of Washington will have reduced exposure to hazardous substances.
- Opportunities for local economic and community development will increase as sites are cleaned up and returned to productive use.
- Improved economic health will promote more livable communities.

This project will also provide economic benefits to the state by creating up to 13 jobs during the next two years, based on estimates from the Office of Financial Management.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**Description****How will clients be affected and services change if this project is funded?**

Model remedies will provide greater predictability for site owners and operators on remedy selection and reduce evaluation costs and cleanup timeframes. By streamlining and eliminating steps in the assessment process, costs and the funding amount for each project are reduced. This reduction in costs per site will allow more cleanups to be funded.

Cleanup projects are usually the first phase of a larger community or economic redevelopment project. This is especially true for leaking fuel tank sites that are often located in prime urban redevelopment locations. Greater predictability and reduced cleanup timeframes will improve efforts to integrate cleanup timelines with area or property-specific redevelopment strategies.

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

More than half of cleanup sites in Washington are leaking fuel tank sites. Some level of collaboration with local, tribal, state, and federal governments is required for most cleanup projects to be completed successfully. Some of the leaking fuel tank sites addressed through the model remedy program are owned or operated by local governments. The state partners with local governments to fund cleanup through the Remedial Action Grant Program. Using model remedies will benefit local governments by supporting efficient and effective use of available grant funding provided to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water.

Some of the leaking fuel tank sites that will be addressed through the model remedy program are owned or operated by other state agencies, such as the Washington State Department of Transportation. These agencies will be able to use the model remedies to support cleanup decisions.

The EPA implements a national program designed to identify and clean up leaking fuel tank sites. This project will increase Ecology's ability to reduce Washington's share of the national backlog of leaking fuel tank sites.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

This option provides a cost-effective approach for implementing the model remedy program envisioned in the 2013 legislation.

**What is the agency's proposed funding strategy for the project?**

MTCA funding was appropriated for this work last biennium, but the projected balance for the accounts is insufficient to fund this in the 2017-19 Biennium. Ecology proposes using State Building Construction Account (SBCA) funding for this project next biennium to continue direct cleanups across the state and streamline the leaking tank fuel cleanup process.

The Hazardous Substance Tax (HST) is the primary revenue source for MTCA, and taxes are collected on the first possession of certain hazardous substances (taxed at 7/10th of one percent of the value of the product). Petroleum makes up about 90 percent of the revenue collected with the HST. The price of crude oil has dropped dramatically in the past 20 months, and so have HST collections and revenues. The MTCA fund balances cannot support a new appropriation request for Leaking Tank

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 3000669

Project Title: Leaking Tank Model Remedies

**Description**

Model Remedies. Projected negative balances in the MTCA accounts in the 2017-19 biennium mean no MTCA funding can be requested for new projects. Ecology requests funding this work from the SBCA in 2017-19 to help bridge the gap until MTCA revenue recovers.

The primary drivers causing the projected negative MTCA balances include:

- Reduced value of crude oil. Barrel prices were \$104 in the summer of 2014, and dropped to below \$30 in January 2016. Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$380 million—a \$193 million drop for the 2015-17 biennium, and a \$187 million drop for 2017-19 biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds the size of MTCA.
- An additional \$240 million in appropriations, above the projected fund balances, were made in the past two enacted biennial budgets. This was done by assuming the spending of the appropriated dollars would occur in future biennia (an additional \$119 million was appropriated in 2013-15, and an additional \$121 million was appropriated in 2015-17). These future commitments are now due and significantly reduce available fund balance capacity.
- MTCA appropriations have been expanded in recent biennia to several agencies (increased from five agencies in 2003-05, to 10 agencies today).
- Up to \$26 million in loans were provided to MTCA from other dedicated accounts in the enacted budgets, and these repayments will be due in the next two biennia.
- Since the 2007-09 biennium, \$54 million of work previously funded by General Fund-State (GF-S) has been shifted to MTCA (approximately \$48 million to Ecology, and \$6 million to other agencies).

Ecology considered several alternatives to address the MTCA revenue shortfall. One alternative considered was increasing the HST by an inflationary factor. The HST has not been increased since voters approved it in 1988. Another approach would be to pass a tax surcharge that turns on when certain revenue conditions are not met. Under section 6020 of the 2016 Supplemental Capital Budget, the Office of Financial Management is required to report to the Legislature (due November 1, 2016) on options to increase the stability and decrease the volatility of revenues to the HST that will further inform possible alternatives.

A second alternative would be to swap back some or all of the ongoing GF-S to MTCA fund shifts. During the last several years, the Legislature has moved \$53.8 million in ongoing GF-S operating budget appropriations to the MTCA accounts to address the Great Recession. Swapping back these operating expenditures from MTCA funding to GF-S would free up MTCA revenue.

The alternative of taking loans from the Cleanup Settlement Account has already been used twice – totaling \$23 million in the 2015-17 biennium. This alternative is not being pursued or recommended for the 2017-19 biennium, because the provisions require pay-back with interest, and we cannot be sure the borrowing MTCA account would be able to repay the loan obligation. Also, any additional loan could jeopardize Ecology’s ten-year plan for the work intended to be funded by the Cleanup Settlement Account.

**Proviso**

No

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**Description**

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	9,750,000				1,950,000
	<b>Total</b>	<b>9,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,950,000</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	1,950,000	1,950,000	1,950,000	1,950,000
	<b>Total</b>	<b>1,950,000</b>	<b>1,950,000</b>	<b>1,950,000</b>	<b>1,950,000</b>

**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000909

SubProject Title: Leaking Tank Ten Year Financing Plan



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000909

SubProject Title: Leaking Tank Ten Year Financing Plan

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

Ten year financing plan

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	7,800,000				
	<b>Total</b>	<b>7,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		2019-21	2021-23	2023-25	2025-27	
057-1	State Bldg Constr-State	1,950,000	1,950,000	1,950,000	1,950,000	
	<b>Total</b>	<b>1,950,000</b>	<b>1,950,000</b>	<b>1,950,000</b>	<b>1,950,000</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000909

SubProject Title: Leaking Tank Ten Year Financing Plan

No Operating Impact

SubProject Number: 30000677

SubProject Title: DSHS Rainer School

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Buckley

County: Pierce

Legislative District: 031

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	20,000				20,000
<b>Total</b>		<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

SubProjects

SubProject Number: 30000677

SubProject Title: DSHS Rainer School

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000678

SubProject Title: Endicott Standard Oil

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

Project Summary

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

Location

City: Endicott

County: Whitman

Legislative District: 009

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000678

SubProject Title: Endicott Standard Oil

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	50,000				50,000
	<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000679

SubProject Title: Newman's Chevron 2021 6th St Bremerton

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000679

SubProject Title: Newman's Chevron 2021 6th St Bremerton

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Bremerton

County: Kitsap

Legislative District: 026

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	100,000				100,000
	<b>Total</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000679

SubProject Title: Newman's Chevron 2021 6th St Bremerton

No Operating Impact

SubProject Number: 30000680

SubProject Title: Lindsey Texaco

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Republic

County: Ferry

Legislative District: 007

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	63,000				63,000
<b>Total</b>		<b>63,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>63,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

SubProjects

SubProject Number: 30000680

SubProject Title: Lindsey Texaco

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000681

SubProject Title: Chevron 90129 (Brooklyn Chevron)

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

Project Summary

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000681

SubProject Title: Chevron 90129 (Brooklyn Chevron)

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	50,000				50,000
	<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000682

SubProject Title: RJ Hopkins Lodging



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000682

SubProject Title: RJ Hopkins Lodging

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Port Angeles

County: Clallam

Legislative District: 024

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	20,000				20,000
	<b>Total</b>	<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000682

SubProject Title: RJ Hopkins Lodging

No Operating Impact

SubProject Number: 30000683

SubProject Title: Strickland Chevron Lynnwood

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Lynnwood

County: Snohomish

Legislative District: 032

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	50,000				50,000
<b>Total</b>		<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

SubProjects

SubProject Number: 30000683

SubProject Title: Strickland Chevron Lynnwood

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000684

SubProject Title: Frank McPhee Property

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

Project Summary

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

Location

City: Port Angeles

County: Clallam

Legislative District: 024

Project Type

Grants

461 - Department of Ecology  
**Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000684

SubProject Title: Frank McPhee Property

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	20,000				20,000
	<b>Total</b>	<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000685

SubProject Title: AJR LLC

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000685

SubProject Title: AJR LLC

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Medical Lake

County: Spokane

Legislative District: 006

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	75,000				75,000
	<b>Total</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000685

SubProject Title: AJR LLC

No Operating Impact

SubProject Number: 30000686

SubProject Title: Hansen Drilling Co. Inc.

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Vancouver

County: Clark

Legislative District: 049

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	20,000				20,000
<b>Total</b>		<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

SubProjects

SubProject Number: 30000686

SubProject Title: Hansen Drilling Co. Inc.

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000687

SubProject Title: Willow Bay Resort

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

Project Summary

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

Location

City: Unincorporated

County: Stevens

Legislative District: 007

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000687

SubProject Title: Willow Bay Resort

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	63,000				63,000
	<b>Total</b>	<b>63,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>63,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000688

SubProject Title: Chevron 97502 Sedro-Woolley



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000688

SubProject Title: Chevron 97502 Sedro-Woolley

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Sedro-Woolley

County: Skagit

Legislative District: 039

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	50,000				50,000
	<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Future Fiscal Periods</b>						
		2019-21	2021-23	2023-25	2025-27	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000688

SubProject Title: Chevron 97502 Sedro-Woolley

No Operating Impact

SubProject Number: 30000689

SubProject Title: Old Milton Svc. Station

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Walla Walla

County: Walla Walla

Legislative District: 016

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Expenditures			2017-19 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	75,000				75,000
<b>Total</b>		<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

SubProjects

SubProject Number: 30000689

SubProject Title: Old Milton Svc. Station

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000690

SubProject Title: Chevron 90619 Bellingham

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

Project Summary

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

Location

City: Bellingham

County: Whatcom

Legislative District: 042

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000690

SubProject Title: Chevron 90619 Bellingham

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	50,000				50,000
	<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000691

SubProject Title: Chevron 209335 Seattle Housing Authority

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000691

SubProject Title: Chevron 209335 Seattle Housing Authority

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Seattle

County: King

Legislative District: 043

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	50,000				50,000
	<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000691

SubProject Title: Chevron 209335 Seattle Housing Authority

No Operating Impact

SubProject Number: 30000692

SubProject Title: Coldeen Property Old Gas Station

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Unincorporated

County: King

Legislative District: 034

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	100,000				100,000
<b>Total</b>		<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

SubProjects

SubProject Number: 30000692

SubProject Title: Coldeen Property Old Gas Station

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000693

SubProject Title: Filbert Drive Site Bothell

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

Project Summary

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

Location

City: Bothell

County: Snohomish

Legislative District: 001

Project Type

Grants

461 - Department of Ecology  
**Capital Project Request**

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000693

SubProject Title: Filbert Drive Site Bothell

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	100,000				100,000
	<b>Total</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000694

SubProject Title: G and G Meats



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000694

SubProject Title: G and G Meats

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Snohomish

County: Snohomish

Legislative District: 044

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	100,000				100,000
	<b>Total</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000694

SubProject Title: G and G Meats

No Operating Impact

SubProject Number: 30000695

SubProject Title: Chevron 92546 Sedro-Woolley Herbs Chevron

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

These projects are planned for limited site sampling and monitoring to confirm the site's status. Removal activities will be conducted if needed to bring the sites to closure.

**Location**

City: Sedro-Woolley

County: Skagit

Legislative District: 039

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	50,000				50,000
<b>Total</b>		<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

SubProjects

SubProject Number: 30000695

SubProject Title: Chevron 92546 Sedro-Woolley Herbs Chevron

	Future Fiscal Periods			
	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Operating Impacts

No Operating Impact

SubProject Number: 30000696

SubProject Title: Site Investigations and Abandoned Site Cleanup

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

Project Summary

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

Investigation, confirmation and additional remedial actions at Leaking Underground Storage Tank sites that may be eligible for a No Further Action determination.

Location

City: Statewide

County: Statewide

Legislative District: 098

Project Type

Grants

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000696

SubProject Title: Site Investigations and Abandoned Site Cleanup

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	344,000				344,000
	<b>Total</b>	<b>344,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>344,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

SubProject Number: 30000697

SubProject Title: Model Remedy Evaluation & Verification

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000697

SubProject Title: Model Remedy Evaluation & Verification

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

Document and evaluate the effectiveness of leaking fuel tank model remedies. Consider reduction in cleanup time frames, costs and risks to human health and the environment.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	300,000				300,000
	<b>Total</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

SubProject Number: 30000697

SubProject Title: Model Remedy Evaluation & Verification

No Operating Impact

SubProject Number: 30000698

SubProject Title: Model Remedy Research & Technology Review

Starting Fiscal Year: 2018

Project Class: Grant

Agency Priority: 26

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites. This is to streamline the cleanup process by providing protective cleanup actions that are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Ecology is focusing on model remedies for sites with petroleum contamination, with an emphasis on over 3,000 Leaking Underground Storage Tank (LUST) sites. These sites pose risks to Washington's ground and surface water resources, and their continued listing on the hazardous sites list creates a barrier to economic and community redevelopment. This request will focus funding toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

Solicitation and evaluation of proposed model remedies and technologies as required by RCW 70.105D030(2)(k)(ii), and identification of other site categories that may benefit from model remedy development.

**Location**

City: Statewide

County: Statewide

Legislative District: 098

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	200,000				200,000
<b>Total</b>		<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:05PM

Project Number: 30000669

Project Title: Leaking Tank Model Remedies

**SubProjects**

---

SubProject Number: 30000698

SubProject Title: Model Remedy Research & Technology Review

		Future Fiscal Periods			
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

---

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Leaking Tank Model Remedies</u>
<b>Project Number:</b>	<u>30000669</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.



# Ecology 2017-19 Biennial Budget Project List

## Toxics Cleanup Program Leaking Tank Model Remedies - New June 24, 2016

*Purpose: This list provides project details about the 2017-19 Leaking Tank Model Remedies budget request. This list represents new cleanup projects that are ready to proceed. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available.*

Rank	Recipient	Project	Description	County	Amount	Running Total	Site Address	City	Leg. District	Latitude	Longitude
1	DSHS Rainer School	DSHS Rainer School	See Description for Individual Project Sites above in purpose section.	Pierce	20,000	20,000	Ryan Road	Buckley	31	47.15611	-121.998
2	Endicott Standard Oil	Endicott Standard Oil	See Description for Individual Project Sites above in purpose section.	Whitman	50,000	70,000	Margin Street	Endicott	9	46.930669	-117.689426
3	Newman's Chevron 2021 6th St Bremerton	Newman's Chevron 2021 6th St Bremerton	See Description for Individual Project Sites above in purpose section.	Kitsap	100,000	170,000	2021 6th Street	Bremerton	26	47.56726	-122.6461
4	Lindsey Texaco	Lindsey Texaco	See Description for Individual Project Sites above in purpose section.	Ferry	63,000	233,000	615 S Clark	Republic	7	48.647538	-118.738367
5	Chevron 90129 (Brooklyn Chevron)	Chevron 90129 (Brooklyn Chevron)	See Description for Individual Project Sites above in purpose section.	King	50,000	283,000	4700 Brooklyn Avenue NE	Seattle	43	47.663351	-122.313945
6	RJ Hopkins Lodging	RJ Hopkins Lodging	See Description for Individual Project Sites above in purpose section.	Clallam	20,000	303,000	4317 Tumwater Truck Rte	Port Angeles	24	48.10783	-123.46273
7	Strickland Chevron Lynnwood	Strickland Chevron Lynnwood	See Description for Individual Project Sites above in purpose section.	King	50,000	353,000	6808 196th Street SW	Lynnwood	32	47.82107	-122.3255
8	Frank McPhee Property	Frank McPhee Property	See Description for Individual Project Sites above in purpose section.	Clallam	20,000	373,000	719 S Race Street	Port Angeles	24	48.10704	-123.42416
9	AJR LLC	AJR LLC	See Description for Individual Project Sites above in purpose section.	Spokane	75,000	448,000	106 N Lefevre	Medical Lake	6	47.573279	-117.682376
10	Hansen Drilling Co. Inc.	Hansen Drilling Co. Inc.	See Description for Individual Project Sites above in purpose section.	Clark	20,000	468,000	6711 58th Avenue NE	Vancouver	49	45.67052	-122.61222
11	Willow Bay Resort	Willow Bay Resort	See Description for Individual Project Sites above in purpose section.	Stevens	63,000	531,000	6607 Hwy 291	Nine Mile Falls	7	47.880187	-117.657119
12	Chevron 97502 Sedro-Woolley	Chevron 97502 Sedro-Woolley	See Description for Individual Project Sites above in purpose section.	Whatcom	50,000	581,000	124 Ferry Street	Sedro-Woolley	39	48.5055	-122.23883
13	Old Milton Svc. Station	Old Milton Svc. Station	See Description for Individual Project Sites above in purpose section.	Walla Walla	75,000	656,000	4184 Old Milton Hwy	Walla Walla	16	46.023908	-118.348764
14	Chevron 90619 Bellingham	Chevron 90619 Bellingham	See Description for Individual Project Sites above in purpose section.	Whatcom	50,000	706,000	2200 Elm Street & 1205 Washington Street	Bellingham	42	48.760428	-122.488151
15	Chevron 209335 Seattle Housing Authority	Chevron 209335 Seattle Housing Authority	See Description for Individual Project Sites above in purpose section.	King	50,000	756,000	1225 N 45th Street	Seattle	43	47.66128	-122.34283
16	Coldeen Property Old Gas Station	Coldeen Property Old Gas Station	See Description for Individual Project Sites above in purpose section.	King	100,000	856,000	15631 Westside Hwy SW	Vashon	34	47.464485	-122.492543

Rank	Recipient	Project	Description	County	Amount	Running Total	Site Address	City	Leg. District	Latitude	Longitude
17	Filbert Drive Site Bothell	Filbert Drive Site Bothell	See Description for Individual Project Sites above in purpose section.	Snohomish	100,000	956,000	Filbert Drive & Filbert Road	Bothell	1	47.82034	-122.231486
18	G and G Meats	G and G Meats	See Description for Individual Project Sites above in purpose section.	Snohomish	100,000	1,056,000	6425 S Machias Road	Snohomish	44	47.93721	-122.0782
19	Chevron 92546 Sedro-Woolley Herbs Chevron	Chevron 92546 Sedro-Woolley Herbs Chevron	See Description for Individual Project Sites above in purpose section.	Whatcom	50,000	1,106,000	224 W Ferry Street	Sedro-Woolley	39	48.505519	-122.243698
20	Site Investigations and Abandoned Site Cleanup	Site Investigations and Abandoned Site Cleanup	Investigation, confirmation and additional remedial actions at Leaking Underground Storage Tank sites that may be eligible for a No Further Action determination.	Statewide	344,000	1,450,000	Statewide	Statewide	Statewide	Statewide	Statewide
21	Model Remedy Evaluation & Verification	Model Remedy Evaluation & Verification	Document and evaluate the effectiveness of leaking fuel tank model remedies. Consider reduction in cleanup time frames, costs and risks to human health and the environment.	Statewide	300,000	1,750,000	Statewide	Statewide	Statewide	Statewide	Statewide
22	Model Remedy Research & Technology Review	Model Remedy Research & Technology Review	Solicitation and evaluation of proposed model remedies and technologies as required by RCW 70.105D030(2)(k)(ii), and identification of other site categories that may benefit from model remedy development.	Statewide	200,000	1,950,000	Statewide	Statewide	Statewide	Statewide	Statewide
				<b>Total 2017-19 Request for New Projects</b>	<b>1,950,000</b>						

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:19PM

Project Number: 3000708

Project Title: Swift Creek Natural Asbestos Flood Control and Cleanup

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 27

**Project Summary**

Swift Creek is a small creek in the northeastern lowlands of Whatcom County. An ongoing landslide that started in the late 1930s or early 1940s resulted in a large load of naturally occurring asbestos and heavy metal contaminated sediment continuously filling up the creek bed. This request will fund construction of sediment traps and debris flow deflection levees, and complete the design and permitting for large sedimentation basins. These remediation actions will minimize public and environmental health impacts associated with exposure to asbestos. This request offers an interim solution that will address the historic liability of dredging and managing the sediment by stockpiling it next to the creek. It will also fund facilities needed to capture sediment over the next 10 to 15 years, depending on the rate of sedimentation. It provides time to develop a long-term strategy to either stabilize the slide or provide ongoing sediment management with help from the Army Corps of Engineers. (State Building Construction Account)

**Project Description****What is the proposed project?**

Ecology got involved in this project in 2006 due to concerns about the presence of asbestos, a hazardous material, and Model Toxics Control Act authority to deal with it. Ecology worked with the Army Corps of Engineers to issue Whatcom County a 401 Water Quality Certification for a 404 permit. The permit authorized Whatcom County to conduct additional dredging of Swift Creek.

As the Swift Creek project evolved over time, it became clear that neither Whatcom County nor the Environmental Protection Agency (EPA) had the resources alone to address the problems at this site. In 2014, Ecology entered a partnership with the county and EPA through a Joint Agency Agreement (JAA). This agreement details an interim strategy to reduce flood risks and reduce the transport of asbestos-containing sediment downstream and across the floodplain. Ecology's principal obligation in the JAA is to seek funding through the state Legislature. Each party's commitment to the agreement and investments are noted below.

This request will fund construction of sediment traps and debris-flow deflection levees, and complete design and permitting for large sedimentation basins. Securing state funding will fulfill Ecology's commitment outlined in the JAA to share costs by seeking capital funding for building the sediment management facilities. Funding will be immediately put to use in the 2017-19 Biennium on engineering, design, and permitting work. Ecology proposes this request be funded from the State Building Construction Account (SBCA), because the major long-term expense is constructing sediment basins to capture future sediment loading to alleviate flooding. This funding mechanism is consistent with how the Legislature has funded other flood control projects in Ecology's and other agencies' budgets. This request is for the first two years of funding needed; additional state funding will be needed in the 2019-21 Biennium, as outlined in the 10-year detail. Consistent with the JAA, Ecology requests state capital appropriation to pass-through to Whatcom County through an interagency agreement.

Below is a cost summary of the specific tasks identified in this request:

\$2,000,000 Land acquisition

\$ 947,457 Construct sediment traps

\$ 976,330 Construct Upper Deflection Levee

\$ 163,619 Dredging to maintain flow under bridges

\$ 200,000 Emergency dredging contingency

\$2,287,406 Construction subtotal

\$1,083,500 Engineering and design (for \$15 million project over four to six years)

\$ 441,750 License/permit fees (for \$15 million project over four to six years)

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:19PM

Project Number: 3000708

Project Title: Swift Creek Natural Asbestos Flood Control and Cleanup

**Description**

\$1,525,250 Design and permitting subtotal

\$5,812,656 Grand Total 2017-19 Budget Request

EPA and Whatcom County have made ongoing contributions and have additional responsibilities for the project under the JAA. Land acquisition is key to this request. Efforts to control flooding and manage landslide-derived sediment containing hazardous asbestos will require engineered hydrologic controls, infrastructure, and access. Ecology, the county, and EPA are discussing property requirements needed to achieve these remedial measures. EPA is currently negotiating with the largest affected landowner to convey property in exchange for liability relief.

EPA has spent approximately \$3 million to date on the Swift Creek project for a wide range of scientific and engineering work. This includes, for example, stabilizing sediment piles, United States Geological Survey (USGS) hydrologic study, activity-based sampling, engineering evaluation, and cost analysis of cleanup alternatives.

Under the JAA, EPA's contributions include providing technical assistance and regulatory input for design and construction, excavating and/or stabilizing dredged materials, and transporting and placing dredged materials at staging areas. Whatcom County and its Flood Control Zone District contributions include assessing feasibility of rerouting a portion of Swift Creek to reduce transport of asbestos-containing sediment, undertaking alternatives analysis of potential repository locations, providing funds for routine operations and maintenance, and preparing annual reports for the project.

**What opportunity or problem is driving this request?****The reason for the project:**

Because this contamination is naturally occurring, agencies have been struggling to respond to the situation. Whatcom County does not have the financial resources to deal with this problem and has asked the state and federal governments for help. The federal government has provided significant staff time for technical assistance and funding for sediment testing and stabilizing existing sediment piles. The county makes annual investments in maintenance dredging. But, with no place to put the sediment, they will be unable to continue dredging in the future. Funding this request will begin investment in the interim strategy outlined in the JAA and demonstrate that the state is in partnership with these agencies to move toward a long-term solution to address this significant human health and environmental problem.

**The effects of non-funding:**

Failure to manage Swift Creek sediment according to the JAA would result in the creek filling with sediment, overflowing its banks, and depositing asbestos and metals contaminated sediment on nearby farmland, residential lands, and wetlands. Specifically, it would likely spill over into un-impacted Breckenridge Creek and its high quality wetlands. This creek and associated wetlands are an important salmon spawning habitat. Sediment loading on the Sumas River would also increase. Eventually, dredging would be needed in that river, too. And, as the sediment moves down the Sumas River, it would impact numerous farms and developed areas within the cities of Nooksack and Sumas and their urban growth areas. This happened in 2009, when a flood deposited sediment with asbestos concentrations in excess of 20 percent on the banks of the Sumas River. In comparison, materials containing more than one percent asbestos are regulated as 'asbestos containing materials' by the Clean Air Act.

Swift Creek also came very close to overflowing its banks in the spring of 2014. Emergency dredging and levee repair by Whatcom County averted a flood.

Once the creek leaves its current channel, it is unlikely to return. The current channel is choked with sediment and is several feet above the surrounding land. The creek's flow, and the contaminated sediment it carries, is only confined to the channel by large dikes. The current extent of the filling creek channel since the last major dredging a few years ago is illustrated in the attached photos called "Attachment A."

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:19PM

Project Number: 3000708

Project Title: Swift Creek Natural Asbestos Flood Control and Cleanup

**Description****How does the project support the agency and statewide results?**

This request supports Ecology's strategic priorities to Preventing and Reducing Toxic Threats and Protecting and Restoring Puget Sound by capturing and removing sediment from Swift Creek before it flows into the Sumas River, which flows north to the Fraser River and then discharges to Puget Sound. Without this project, the creek bed would continue to:

- Fill up with sediment and overtop its banks.
- Flood and contaminate nearby lowlands and wetlands with naturally occurring asbestos and metals.
- Potentially impact several county roads and bridges, along with a number of private residences, farms, and businesses.

Managing Swift Creek sediment will:

- Reduce the need to dredge after the sediment has been deposited in the creek and adjoining areas.
- Protect the habitat from being smothered by sediment that is inhospitable to Pacific Salmon and other aquatic life.
- Clean up historic contamination and prevent further contamination of lands in the vicinity of the creek and Sumas River.
- Greatly reduce the impacts of the sediment loading from the landslide. For example, during rainfall events, the turbidity, nickel, and asbestos levels in these water bodies exceed water quality criteria.

This request is essential to support the Governor's budget and economic development priorities by investing funds to protect public health and natural resources. The Governor supported this request in his 2015-17 Biennial and 2016 Supplemental budget proposals.

This request is essential to support the Governor's Results Washington Goal 3: Sustainable Energy and a Clean Environment as follows:

- Goal Topic: Healthy Fish and Wildlife, Sub Topic: Healthy Fish and Wildlife and Pacific Salmon, Outcome Measure: 3.2.2 Increase the percentage of ESA listed salmon and Steelhead populations at healthy, sustainable levels from 16 percent to 25 percent by 2022.
- Goal Topic: Clean and Restored Environment, Sub Topics: Clean Cool Water and Healthy, Outcome Measures: 3.3.1 Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020 and 3.3.2 Increase the percentage of rivers meeting good water quality from 43 percent to 55 percent by 2020.

This request makes a key contribution to statewide results by preserving, maintaining, and restoring natural systems and landscapes. Building sediment management facilities to capture contaminated sediment will provide ongoing management and future safeguards to Swift Creek and the surrounding areas.

**What are the specific benefits of this project?**

Funding this request will prevent further threats to human health and the environment from the asbestos and metals in these sediments. It will also help protect Puget Sound (where these sediments will eventually discharge). While this doesn't support new economic development, it does help preserve valuable farm land that could be irreversibly contaminated if Swift Creek or the Sumas River flood and smother fields with contaminated sediment.

Economic Impact: This project will also provide economic benefits to the state by creating up to 38 jobs during the next two years, based on estimates from the Office of Financial Management.

**How will clients be affected and services change if this project is funded?**

Right now, Whatcom County is responding to Swift Creek sediment accumulations on an emergency basis, when the sediment builds up to the point of causing Swift Creek to flow out of its channel. This request will invest in a planned, more systematic approach to managing the accumulated sediment. It will help fulfill the state's obligations under the JAA between Whatcom County, Ecology, and EPA.

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:19PM

Project Number: 3000708

Project Title: Swift Creek Natural Asbestos Flood Control and Cleanup

**Description**

**Are FTEs required to support this project?**

No.

**How will the other state programs or units of government be affected if this project is funded?**

This request will allow local government to continue addressing this threat to human health and the environment from the asbestos and metals in these sediments.

This request was developed and shared with stakeholders and the Attorney General’s Office. Those parties support this request. A letter of support from Whatcom County is included as Attachment B. Also, several local legislators and representatives from the offices of Congressman Rick Larson, Senator Patty Murray, and Senator Maria Cantwell have been interested in addressing the problems at this site and have participated in conference calls, site visits, and other communications over this issue.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

**Why is this the best option or alternative?**

There are currently no alternative fund sources available. The county has requested funding for an Army Corps of Engineers project, but this funding is several years away, even in the best scenario.

**What is the agency’s proposed funding strategy for the project?**

Ecology requests the state’s portion of the project be funded through the SBCA, because the Legislature has decided to fund other flood control projects in Ecology’s and other agencies’ budgets from this account. This request is consistent with that approach. Federal and local funding also support the project as described in the JAA.

**Proviso**

No

**Project Type**

Grants

**Grant Recipient Organization:** Whatcom

**RCW that establishes grant:** N/A

**Application process used**

N/A

**Growth Management impacts**

This project will help preserve farmland and open space, resulting in less pressure to redevelop these areas, supporting GMA.

**Funding**

Expenditures

2017-19 Fiscal Period

461 - Department of Ecology

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:19PM

Project Number: 30000708

Project Title: Swift Creek Natural Asbestos Flood Control and Cleanup

**Funding**

Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	17,013,000				5,813,000
	<b>Total</b>	<b>17,013,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,813,000</b>

Future Fiscal Periods

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State	11,200,000			
<b>Total</b>	<b>11,200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>Angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Swift Creek Natural Asbestos Flood Control and Cleanup</u>
<b>Project Number:</b>	<u>30000708</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.



# **ATTACHMENT A**

**Swift Creek photos comparing fall 2007 to June 2015**

**Attachment to Budget Request,**

**Pete Kmet, July 2015**

Oat Coles Road bridge - November, 2007



Oak Coles Road bridge – June, 2015



Looking east from Oat Coles Bridge - November, 2007



Looking east from Oat Coles Bridge – June, 2015



Goodwin Road Bridge - September, 2007



Goodwin Road Bridge - June, 2015



Looking west from Goodwin Road Bridge - October, 2007



Looking west from Goodwin Road Bridge - May 2015



Looking east from Goodwin Road Bridge - September 2007



Looking east from Goodwin Road Bridge - May 2015



**WHATCOM COUNTY  
EXECUTIVE'S OFFICE**

County Courthouse  
311 Grand Avenue, Suite #108  
Bellingham, WA 98225-4082



**ATTACHMENT B**  
**Jack Louws**  
County Executive

The Honorable Jay Inslee,  
Governor of the State of Washington  
P.O. Box 40002  
Olympia, WA 98504-0002

RE: Swift Creek Sediment Management

August 7, 2015

Governor Inslee,

The purpose of this letter is to reinforce the request from Whatcom County for the participation and support of the State of Washington in the management of the Swift Creek landslide sediment.

To address the regional and international impact of the significant sediment transported through the Swift Creek channel from the landslide on Sumas Mountain, Whatcom County (the County), the Whatcom County Flood Control Zone District (Flood Control Zone District), the Washington State Department of Ecology (Ecology), and the U.S. Environmental Protection Agency, Region 10 (EPA) entered into a Joint Agency Agreement (JAA) in March of 2014. This agreement establishes the roles, responsibilities and areas that each agency can contribute to address the naturally occurring asbestos sediment.

As outlined in the JAA, Whatcom County continues to seek funding from the State legislature to pay for the balance of the capital construction as outlined in the Swift Creek Sediment Management Action Plan.

I appreciate the ongoing effort by WA Department of Ecology. Your administration's continued participation in the working group with Whatcom County and EPA is critical to resolving this large and complicated sediment management problem. I look forward to accomplishing the next step in the JAA by securing the necessary State funding.

Sincerely,

  
Jack Louws  
Whatcom County Executive

\*\*\* *This page intentionally blank.* \*\*\*



## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:08PM

Project Number: 30000672

Project Title: Waste Tire Pile Cleanup and Prevention

**Description**

Starting Fiscal Year: 2018

Project Class: Grant - Pass Through

Agency Priority: 30

**Project Summary**

Illegally dumped tires in Washington continue to pose public health and environmental threats. Tire piles pose risks for highly toxic fires, pollutant leaching and run-off, and provide habitat for mosquitoes and other disease carriers. Ecology is requesting \$1.0 million to continue funding preventing and removing waste tire piles, enforcement, and education on tire storage and hauling regulations. (Waste Tire Removal Account)

**Project Description****What is the proposed project?**

An environment free of waste tires is important to the public health of Washington citizens. Piles of waste tires harbor mosquitoes, snakes, and other vermin. West Nile Virus and now the potential for the Zika Virus transmitted by mosquitos pose a threat to public health. Tire piles that have existed for a long time are a fire hazard. State and local officials responsible for cleaning up unauthorized dump sites and preventing more waste accumulation are continually challenged by illegally dumped tires. In the past, the state has witnessed catastrophic tire pile fires, such as the Everett and Dorman tire fires of 1984. Funding is needed to prevent tire stockpiling, unwanted tire piles, and tire fires, as required by RCW 70.95.532.

RCW 70.95.510 established a one dollar per tire fee on the sale of new replacement vehicle tires. Revenues from this fee are deposited in the Waste Tire Removal Account (WTRA), which are to be used for cleaning up unauthorized waste tire piles and measures that prevent future accumulation of unauthorized waste tire piles, as per RCW 70.95.500-.570.

Ecology uses funding from the WTRA for pile removals, amnesty events, enforcement, cleanups, and education programs. Ecology also provides technical support on preventing waste tire piles and enforces tire hauling and storage requirements. During the 2013-15 Biennium, this dedicated funding was used to remove 47 abandoned tire piles and historic waste tire accumulations, and hold 27 tire amnesty events hosted by local governments, where residents can drop off waste tires at no charge. Attachment A lists the program's achievements since 2006. During the last nine years, Ecology removed nearly 63 thousand tons of tires from 328 locations in 37 counties across the state, helping local governments stretch their limited resources to clean up waste tires, and in some cases removing tires that they could not fund to remove.

**What opportunity or problem is driving this request?****The reason for the project:**

Illegally dumped tires pose a fire hazard. Because tires are mostly made of rubber (natural and synthetic), they are hard to extinguish when they catch fire, the smoke is extremely toxic and full of cancer-causing chemicals, and the runoff contaminates the ground. Due to their heavy metal and other pollutant content, tires pose a risk for leaching toxic chemicals into groundwater. Piled tires capture water and create the ideal habitat for mosquitoes and flies. With Avian flu, the West Nile Virus, and possibly Zika Virus on the rise, mosquito control is an important concern. Tire piles also provide habitat for other vermin like rats and snakes. Tires have been used as reefs in Puget Sound and as bulkheads along shorelines, contaminating the water.

**The effects of non-funding:**

Without enforcing storage and hauling regulations, illegal waste tire piles would continue to accumulate. Minimal cleanups could occur through voluntary action of owners or through enforcement actions by local governments. Without dedicated tire removal funding, local governments lack resources to concentrate on this difficult waste stream. Removing tire piles quickly reduces the potential for those piles to grow exponentially.

## Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:08PM

Project Number: 30000672

Project Title: Waste Tire Pile Cleanup and Prevention

**Description****How does the project support the agency and statewide results?**

Funding the waste tire prevention and cleanup program supports Ecology's strategic priority to Protect and Restore Puget Sound. It does this through education, enforcement, and cleanup efforts that reduce waste tire accumulations around the state and within Puget Sound. This program also supports Ecology's strategic priority to Prevent and Reduce Toxic Threats. Cleaning up tire piles prevents future impacts and costs of tire fires or other environmental contamination from tires accumulation.

This request provides essential support to the Governor's Results Washington Goal 3, Sustainable Energy and a Clean Environment and Goal 4, Healthy and Safe Communities. Funding from this dedicated account is used for tire removals, tire regulation enforcement, and educating businesses about proper handling, storage, recycling, and disposal. This helps protect ground and surface waters, prevents the spread of disease, and improves living conditions in communities. Tire pile clean up also prevents tire fires, helping to protect Washington's air quality.

This request makes a key contribution to statewide results by providing funding to prevent tire accumulation by offering amnesty events for residents, educate businesses, and enforce waste tire regulations. These efforts remove tires and reduce negative impacts on the environment and promote tire recycling.

**What are the specific benefits of this project?**

Specific cleanup and prevention benefits include eliminating the risk of tire pile fires, reducing habitat for vermin and disease spreading insects, removing the physical hazard that tire piles pose, and increasing used tire recycling. Cleaning up tire piles also provides recycled materials to local markets, reducing the demand on natural resources.

**How will clients be affected and services change if this project is funded?**

Ecology provides funds to public entities for preventing tire piles, enforcing tire regulations, and removing waste tires from the local community. Funding in the 2017-19 Biennium will allow continued prevention, enforcement, and removal of waste tires across the state. This provides financial relief to residents, businesses, and local communities that may otherwise not remove waste tires from their communities due to financial constraints.

**Are FTEs required to support this project?**

This project requires a total of 1.15 FTEs. This is the same level of FTEs currently supporting this capital project in the 2015-17 Biennium. Staff is required to manage and coordinate tire grant efforts and provide technical support for prevention, enforcement, and removal efforts.

**How will the other state programs or units of government be affected if this project is funded?**

Using funding from the WTRA to remove waste tire piles and prevent reaccumulation reduces the financial burden on other state and local government programs. This cleanup program reduces the need for local governments to respond to burning tire piles and insect and vermin problems.

**What is the impact on the state operating budget?**

None.

**Does this request include funding for any IT-related costs?**

No.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:08PM

Project Number: 30000672

Project Title: Waste Tire Pile Cleanup and Prevention

**Description**

**Why is this the best option or alternative?**

In the early 1990s, a similar state-funded tire pile cleanup effort cleaned up 29 tire piles in Washington. The funding ran out before several large tire pile sites were cleaned up. Without a continual tire prevention and enforcement program, those large tire piles remained and more piles were created.

In 2005, the tire fee provided funding to remove the tire piles left behind in the 1990s and funded removal of more than 130 additional piles identified across the state. If this program funding is not continued, there is no other fund source available to deal with tire piles. Experience shows that local governments do not have resources to clean up tire piles. Without funding from the WTRA, there is no other state or local program, or funding source, to conduct a comprehensive waste tire program.

**What is the agency's proposed funding strategy for the project?**

By law, the WTRA places a one dollar fee on the sale of new replacement tires. The law directs Ecology to use this dedicated funding source to pay for waste tire pile cleanups, education, prevention, and enforcement. This request implements the legislative intent for this funding source.

**Project Type**

Grants

**Grant Recipient Organization:** Public entities including cities, counties, irrigation or mosquito control districts, universities, and t

**RCW that establishes grant:** Chapter 70.95 RCW

**Application process used**

Ecology and public entities work together to provide opportunities for waste tire pile prevention, enforcement, and cleanup across the state of Washington.

**Growth Management impacts**

None.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
08R-1	Waste Tire Removal A-State	5,000,000				1,000,000
	<b>Total</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
08R-1	Waste Tire Removal A-State	1,000,000	1,000,000	1,000,000	1,000,000	
	<b>Total</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	

**Operating Impacts**

No Operating Impact

## Department of Ecology

### Waste 2 Resources Program

2017-19 Capital Project Request - Waste Tire Pile Cleanup and Prevention

Attachment A

<b>Fiscal Year*</b>	<b>Ecology Appropriation</b>	<b>Ecology Expenses</b>	<b>Tons of Tires Removed</b>	<b>No of piles or events</b>
2006	4,000,000	35,057	*	*
2007		665,774	5,962	3
2008	8,299,168	4,520,302	30,760	49
2009		2,715,345	10,897	77
2010	2,063,521	1,638,451	6,611	42
2011		398,932	1,802	19
2012	1,026,138	460,423	906	11
2013		459,436	2,336	53
2014	1,106,278	480,919	2,056	40
2015		447,180	1,625	34
<b>Total</b>	<b>16,495,105</b>	<b>11,821,819</b>	<b>62,955</b>	<b>328</b>

\*Note: Fiscal year 2006 was the first year of the program and only includes staff costs. Waste tire cleanup began in fiscal year 2007.

**Department of Ecology  
2017-2019 Capital Budget**

**Table of Contents**

**Tab D-5 Reappropriations**

1.	30000534 Water Pollution Control Revolving Program .....	713
2.	30000327 Water Pollution Control Revolving Program .....	715
3.	30000537 Floodplains by Design .....	717
4.	30000209 Water Pollution Control Revolving Fund Program .....	721
5.	30000216 Remedial Action Grant Program .....	723
6.	92000078 Flood Management and Control Grants.....	725
7.	30000590 Yakima River Basin Water Supply.....	727
8.	30000326 Centennial Clean Water Program .....	729
9.	30000427 Centennial Clean Water Program .....	731
10.	30000334 ASARCO Cleanup.....	735
11.	30000538 ASARCO Cleanup.....	737
12.	30000536 Coastal Wetlands Federal Funds.....	739
13.	30000328 Coastal Wetlands Federal Funds.....	741
14.	19972012 Low-Level Nuclear Waste Disposal Trench Closure .....	743
15.	30000372 Columbia River Water Supply Development Program .....	745
16.	30000588 Columbia River Water Supply Development Program .....	747
17.	30000039 Remedial Action Grant Program .....	749
18.	30000331 Watershed Plan Implementation and Flow Achievement.....	753
19.	30000591 Watershed Plan Implementation and Flow Achievement.....	755
20.	30000283 Coastal Wetlands Federal Funds Administration .....	757
21.	30000208 Centennial Clean Water Program .....	759
22.	92000148 Low Interest Loans for Drought Wells .....	761
23.	20062950 Columbia River Basin Water Supply.....	763
24.	30000587 Water Irrigation Efficiencies Program.....	765
25.	91000032 Clean Up Toxics Sites – Puget Sound .....	769

26. 30000589 Sunnyside Valley Irrigation District Water Conservation .....	771
27. 30000280 ASARCO – Tacoma Smelter Plume and Mines .....	773
28. 30000337 Clean Up Toxic Sites – Puget Sound.....	775
29. 92000158 Port of Tacoma Arkema/Dunlap Mound .....	777
30. 20064008 Local Toxics Grants for Cleanup and Prevention.....	779
31. 92000155 Port Angeles Municipal Landfill .....	783
32. 30000373 Yakima River Basin Water Supply.....	785
33. 91000007 Habitat Mitigation.....	787
34. 92000142 Drought Response.....	789
35. 30000429 Reducing Toxic Woodstove Emissions .....	791
36. 30000490 Leaking Tank Model Remedies.....	795
37. 30000389 Water Irrigation Efficiencies Program.....	797
38. 30000144 Clean Up Toxics Sites – Puget Sound .....	801
39. 30000333 Dungeness Water Supply and Mitigation .....	803
40. 30000213 Watershed Plan Implementation and Flow Achievement.....	807
41. 92000156 Water Treatment Plant (Lakewood) .....	809
42. 92000085 Lower Yakima GWMA Program Development .....	811
43. 20084029 Watershed Plan Implementation and Flow Achievement.....	813
44. 91000181 Skagit Mitigation .....	815
45. 30000332 Sunnyside Valley Irrigation District Water Conservation .....	817
46. 30000431 Waste Tire Pile Cleanup and Prevention .....	819
47. 30000428 Reducing Toxic Diesel Emissions .....	821
48. 30000351 Eastern Washington Clean Sites Initiative.....	823
49. 20084008 Remedial Action Grants.....	825
50. 30000028 Watershed Plan Implementation and Flow Achievement.....	829
51. 19742006 Water Supply Facilities.....	831
52. 30000265 Clean Up Toxics Sites – Puget Sound .....	833
53. 20062003 Watershed Plan Implementation and Flow Achievement.....	835
54. 30000323 Mercury Switch Removal .....	839

55. 30000278 Yakima Basin Integrated Water Management Plan Implementation....	841
56. 20042951 Twin Lakes Aquifer Recharge .....	843
57. 30000217 Eastern Washington Clean Sites Initiative.....	845
58. 20081951 Transfer of Water Rights for Cabin Owners.....	847
59. 20052852 Quad Cities Water Right Mitigation.....	849
60. 20084026 Yakima River Basin Water Storage Feasibility Study.....	851
61. 30000029 Kittitas Groundwater Study .....	855
62. 20044006 Water Supply Facilities.....	857

\*\*\* *This page intentionally blank.* \*\*\*



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 3:26PM

Project Number: 30000534

Project Title: Water Pollution Control Revolving Program

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 31

**Project Summary**

Congress established the Clean Water State Revolving Fund (CWSRF) under Title VI of the Federal Clean Water Act to capitalize state-run, low interest loan programs to finance water quality facilities and activities. The Washington State Water Pollution Control Revolving Account or State Revolving Fund (SRF), established under chapter 90.50A RCW, implemented the loan program to provide low interest loans to local governments, special purpose districts, and recognized tribes for high priority water quality projects statewide. Ecology uses these funds to finance planning, designing, acquiring, constructing, and improving water pollution control facilities and for related nonpoint source activities that help meet state and federal water pollution control requirements. Ecology is requesting reappropriation to continue essential work through this loan program. Related to Puget Sound Action Agenda implementation. (Water Pollution Control Revolving Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** Public entities (SRF), local gov'ts, special purpose distr., quasi municipals, fed. recognized tribes

**RCW that establishes grant:** chapter 90.50A, 173.98 WAC

**Application process used**

Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the SRF, Centennial Clean Water Program, and the Clean Water Act Section 319 federal grant program. The application period begins on September 1 and continues through to the first Friday in November. Ecology staff screen, review, and rate and rank the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. Ecology develops a draft list for all three programs. The list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2015 Final Offer and Applicant List is available on the Water Quality website: <https://fortress.wa.gov/ecy/publications/SummaryPages/1410033.html>

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
727-1	Water Pollution Cont-State	153,000,000		344,000	152,656,000	
727-2	Water Pollution Cont-Federal	50,000,000			50,000,000	
	<b>Total</b>	<b>203,000,000</b>	<b>0</b>	<b>344,000</b>	<b>202,656,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
727-1	Water Pollution Cont-State					
727-2	Water Pollution Cont-Federal					

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 3:26PM

Project Number: 30000534

Project Title: Water Pollution Control Revolving Program

**Funding**

Total	0	0	0	0
-------	---	---	---	---

**Operating Impacts**

No Operating Impact

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:19PM

Project Number: 30000327

Project Title: Water Pollution Control Revolving Program

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 32

**Project Summary**

Ecology requests reappropriation of funds from the Water Pollution Control Revolving Fund Account (SRF) to continue providing low interest loans to local governments for high priority water quality projects. Congress established the SRF account under the Federal Clean Water Act of 1987. Loan recipients use SRF funds for planning, design, acquisition, construction, and improvement of water pollution control facilities and related activities that contribute to meeting state and federal water pollution control requirements. (Water Pollution Control Revolving Account - State)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** WQ Financial Advisory Council represents local government that are potential loan recipients

**RCW that establishes grant:** None

**Application process used**

Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the SRF, Centennial Clean Water Program, and the Clean Water Act Section 319 federal grant program. The application period begins on September 1 and continues through November 2. Ecology staff screen, review, and rate and rank the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. Ecology develops a draft list for all three programs. The list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2013 Final Offer and Applicant List is available on the Water Quality website: <http://www.ecy.wa.gov/programs/wq/funding>.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State					
355-1	St. Bld Const Acct-State					
727-1	Water Pollution Cont-State	200,000,000	18,067,000	27,521,000	154,412,000	
727-2	Water Pollution Cont-Federal	50,000,000		23,437,000	26,563,000	
<b>Total</b>		<b>250,000,000</b>	<b>18,067,000</b>	<b>50,958,000</b>	<b>180,975,000</b>	<b>0</b>

**Future Fiscal Periods**

		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
355-1	St. Bld Const Acct-State				

461 - Department of Ecology  
Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:19PM

Project Number: 30000327

Project Title: Water Pollution Control Revolving Program

**Funding**

	Future Fiscal Periods			
	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
727-1 Water Pollution Cont-State				
727-2 Water Pollution Cont-Federal				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 11:15AM

Project Number: 30000537

Project Title: Floodplains by Design

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 33

**Project Summary**

Flooding is the number one natural hazard in Washington State. It has caused more than \$2 billion in damages to the state since 1980, with the highly populated areas in western Washington most at risk. In the past, solutions to flooding problems were often out of sync with other ecosystem protection or restoration activities. Ecology requests reappropriation authority to continue seven proviso grants for flood hazard protection projects through the Floodplain by Design Program. This funding was originally appropriated in the 2015-17 Biennium Capital Budget. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

This project requires a total of 1.15 FTEs for the 2017-19 Biennium. FbD program staff provide outreach to local floodplain management agencies, coordination with our partners the Puget Sound Partnership and The Nature Conservancy, advise local project sponsors on the expectations of the program and project development, manage active projects, coordinate with other grant programs and Ecology's Coordinated Strategic Initiative, and assist with Ecology policy and budget development. Since the inception of the program, Ecology has slowly increased the amount of staff time involved in FbD to align with the number of projects and effort involved in efficient and effective project and financial management. Staffing needs are dependent on many factors including the number of grants, the complexity of the projects funded, and technical support needs.

**Project Type**

Grants

Grant Recipient Organization: Local gov, tribes, conservation/flood ctrl districts, non-profits, and salmon recovery lead entities

RCW that establishes grant: None

**Application process used**

Preliminary proposals are submitted and reviewed by a group made up of Ecology staff and external stakeholders. Pre-proposals are screened for eligibility and those that qualify are asked to submit detailed applications.

**Growth Management impacts**

In some cases, the funded projects would support objectives in local Frequently Flooded Area provisions contained in Critical Area policies.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	35,560,000		112,000	35,448,000	
	<b>Total</b>	<b>35,560,000</b>	<b>0</b>	<b>112,000</b>	<b>35,448,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/9/2016 11:15AM

**Project Number:** 3000537

**Project Title:** Floodplains by Design

---

**Operating Impacts**

**No Operating Impact**

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<u>461</u>	<b>Agency Name</b>	<u>Washington State Department of Ecology</u>
<b>Contact Name:</b>	<u>Scott McKinney</u>		
<b>Phone:</b>	<u>360-407-6131</u>	<b>Fax:</b>	<u>360-407-7162</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Fund Name:</b>	<u>State Building Construction Acct</u>
<b>Project Number:</b>	<u>30000537</u>	<b>Project Title:</b>	<u>Floodplains by Design</u>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

\*\*\* *This page intentionally blank.* \*\*\*



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:25PM

Project Number: 30000209

Project Title: Water Pollution Control Revolving Fund Program

**Description**

Starting Fiscal Year: 2012  
 Project Class: Grant - Pass Through  
 Agency Priority: 34

**Project Summary**

Ecology requests reappropriation of funds from the Water Pollution Control Revolving Fund Account (SRF) to continue providing low interest loans to local governments for high priority water quality projects. Congress established the SRF account under the Federal Clean Water Act of 1987. Loan recipients use SRF funds for planning, design, acquisition, construction, and improvement of water pollution control facilities and related activities that contribute to meeting state and federal water pollution control requirements. (Water Pollution Control Revolving Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: N/A

**Application process used**

Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the SRF, Clean Water Centennial Fund, and the Clean Water Act Section 319 Program. The application period begins on September 1 and continues through October 31. Ecology staff screens, reviews, and rates and ranks the applications from November through December. Ecology staff evaluate and assign points according to an objective rating system which identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature's review to use during budget considerations. Ecology develops a draft list for all three programs and the list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. Projects identified for funding address water quality issues such as: wastewater treatment plant upgrades to meet permit requirements including water reclamation and reuse facilities; sewer collection system improvements and combined sewer overflow correction; on site septic system surveys, repair, and replacement; water pollution cleanup planning and implementation; riparian (streamside) restoration and implementation of agricultural best management practices; and stormwater management planning and implementation.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
727-1	Water Pollution Cont-State	104,072,000	18,441,000	51,504,000	34,127,000	
727-2	Water Pollution Cont-Federal	82,205,000	37,639,000	44,566,000		
	<b>Total</b>	<b>186,277,000</b>	<b>56,080,000</b>	<b>96,070,000</b>	<b>34,127,000</b>	<b>0</b>

**Future Fiscal Periods**

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
727-1 Water Pollution Cont-State				
727-2 Water Pollution Cont-Federal				

461 - Department of Ecology  
Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:25PM

Project Number: 3000209

Project Title: Water Pollution Control Revolving Fund Program

**Funding**

Total

0

0

0

0

**Operating Impacts**

No Operating Impact

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:23PM

Project Number: 30000216

Project Title: Remedial Action Grant Program

**Description**

Starting Fiscal Year: 2012

Project Class: Grant - Pass Through

Agency Priority: 35

**Project Summary**

Ecology received appropriations for Remedial Action Grant funds in 2011-13 for funding toxic waste cleanup projects at local government sites. The requested reappropriation funding will support ongoing remedial action grants to clean up contaminated industrial sites that impact the air, land and water resources of the state. This grant funding protects public and environmental health, creates jobs and promotes economic development by allowing contaminated properties to be redeveloped. (Local Toxics Control Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Statewide

RCW that establishes grant: chapter 70.105D RCW; 90.48 RCW

**Application process used**

To receive an oversight remedial action grant, the applicant must be a local government that is a potentially liable person (PLP), a potentially responsible party (PRP) at a hazardous waste site, or the owner of a site but not a PLP or PRP. One of the following standards must also be met: 1. Ecology requires the applicant to conduct remedial action under an order or decree issued under chapter 70.105D RCW. 2. The U.S. Environmental Protection Agency (EPA) requires the applicant to conduct remedial action under an order or decree issued under the federal cleanup law. In such a case, Ecology must also sign the order or decree or acknowledge in writing that it is a sufficient basis for remedial action grant funding. 3. The applicant has signed an order or decree issued under chapter 70.105D RCW requiring a potentially liable person (PLP) other than the applicant to conduct remedial action at a landfill site. In this case, the applicant must also have entered into an agreement with the PLP to reimburse the PLP for a portion of the remedial action costs incurred under the order or decree. The reimbursement is for the sole purpose of providing relief to ratepayers and/or taxpayers from remedial action costs. There is no set application period for oversight remedial action grants. Once an order or decree has been issued to a local government, it has 60 days to apply for a grant.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
174-1	Local Toxics Control-State	62,864,000	36,235,000	3,632,000	22,997,000	
	<b>Total</b>	<b>62,864,000</b>	<b>36,235,000</b>	<b>3,632,000</b>	<b>22,997,000</b>	<b>0</b>

**Future Fiscal Periods**

461 - Department of Ecology  
Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:23PM

Project Number: 30000216

Project Title: Remedial Action Grant Program

**Funding**

	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1 Local Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

**461 - Department of Ecology  
Capital Project Request  
2017-19 Biennium**

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 12:43PM

Project Number: 92000078

Project Title: Floodplain Management and Control Grants

**Description**

Starting Fiscal Year: 2014  
Project Class: Grant - Pass Through  
Agency Priority: 36

**Project Summary**

Flooding is the number one natural hazard in Washington State. It has caused more than \$2 billion in damages to the state since 1980, with the highly populated areas in western Washington most at risk. In the past, solutions to flooding problems were often out of sync with other ecosystem protection or restoration activities. Ecology requests reappropriation authority to continue thirteen flood hazard reduction grants and nine floodplain restoration grants through the Floodplain by Design Program. This funding was originally appropriated in the 2013-15 Biennium Capital Budget. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** Local gov'ts, tribes, conservation/flood control distr, non-profits, and salmon recovery lead entitie

**RCW that establishes grant:** None

**Application process used**

For non-proviso grants, proposals were submitted, screened for eligibility, and ranked by a group made up of Ecology staff and external stakeholders. Funding was provided to those proposals that scored the highest.

**Growth Management impacts**

In some cases, the funded projects would support objectives in local Frequently Flooded Area provisions contained in Critical Area policies.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	50,000,000	18,489,000	8,112,000	23,399,000	
	<b>Total</b>	<b>50,000,000</b>	<b>18,489,000</b>	<b>8,112,000</b>	<b>23,399,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>0461</b>	<b>Agency Name</b>	<b>Department of Ecology</b>
<b>Contact Name:</b>	<b>Scott McKinney</b>		
<b>Phone:</b>	<b>360 407-6131</b>	<b>Fax:</b>	<b>360 407-7162</b>
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>92000078</b>	<b>Project Title:</b>	<b>Flood Management and Control Grants</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:56PM

Project Number: 30000590

Project Title: Yakima River Basin Water Supply

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 37

**Project Summary**

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan to provide a comprehensive long-term water resources and habitat improvement program to address this situation. Ecology is requesting reappropriation from the State Building Construction Account to continue implementing this program in cooperation with the U.S. Bureau of Reclamation and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	9,800,000		563,000	9,237,000	
355-1	St. Bld Const Acct-State	20,200,000		9,763,000	10,437,000	
	<b>Total</b>	<b>30,000,000</b>	<b>0</b>	<b>10,326,000</b>	<b>19,674,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
355-1	St. Bld Const Acct-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000590</b>	<b>Project Title:</b>	<b>Yakima River Basin Water Supply</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:18PM

Project Number: 30000326

Project Title: Centennial Clean Water Program

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 38

**Project Summary**

The requested reappropriation for Ecology's Centennial Clean Water Program (CCWP) will provide funds for grants and loans to public bodies for financing planning, implementation, design, acquisition, and construction of water pollution control facilities and nonpoint source pollution control. Ecology uses these funds primarily for grants, which are distributed through a statewide competitive rating and ranking prioritization process. Ecology provides funding to address the highest priority statewide water quality needs including projects for small communities that are financially distressed, and to address water quality problems associated with urban and rural activities.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.146 RCW

**Application process used**

Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the State Revolving Fund, Centennial Clean Water Program, and the Clean Water Act Section 319 federal grant program. The application period begins on September 1 and continues through November. Ecology staff screen, review, and rate and rank the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. A draft list for all three programs is developed and becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2013 Final Offer and Applicant List is available on the Water Quality website: <http://www.ecy.wa.gov/programs/wq/funding>.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
19G-1	ELS Account-State	50,000,000	24,202,000	8,207,000	17,591,000	
	<b>Total</b>	<b>50,000,000</b>	<b>24,202,000</b>	<b>8,207,000</b>	<b>17,591,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
19G-1	ELS Account-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/8/2016 3:18PM

**Project Number:** 30000326

**Project Title:** Centennial Clean Water Program

**Operating Impacts**

---

**No Operating Impact**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:33PM

Project Number: 30000427

Project Title: Centennial Clean Water Program

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 39

**Project Summary**

The requested reappropriation for Ecology's Centennial Clean Water Program (CCWP) will provide funds for grants and loans to public bodies for financing planning, implementation, design, acquisition, and construction of water pollution control facilities and non-point source pollution control. Ecology uses these funds primarily for grants, which are distributed through a statewide competitive rating and ranking prioritization process. Ecology provides funding to address the highest priority statewide water quality needs including projects for small communities that are financially distressed, and to address water quality problems associated with urban and rural activities.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** Public entities eligible to receive funding per chapter 70.146 RCW and chapter 173.95A WAC  
**RCW that establishes grant:** chapter 70.146 RCW

**Application process used**

Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the State Revolving Fund, Centennial Clean Water Program, and the Clean Water Act Section 319 federal grant program. The application period begins on September 1 and continues through the first Friday in November. Ecology staff screens, reviews, and rates and ranks the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. A draft list for all three programs is developed and becomes final on July 1 or sooner, contingent on capital budget appropriations. The Fiscal Year 2015 Final Offer and Applicant List is available on the Water Quality website: <http://www.ecy.wa.gov/programs/wq/funding>.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapps	New Approps
057-1	State Bldg Constr-State	12,500,000		4,964,000	7,536,000	
174-1	Local Toxics Control-State	10,812,000		827,000	9,985,000	
	<b>Total</b>	<b>23,312,000</b>	<b>0</b>	<b>5,791,000</b>	<b>17,521,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
174-1	Local Toxics Control-State					

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:33PM

Project Number: 30000427

Project Title: Centennial Clean Water Program

**Funding**

Total	0	0	0	0
-------	---	---	---	---

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Department of Ecology</b>
<b>Contact Name:</b>	<b>Kimberly Wagar</b>		
<b>Phone:</b>	<b>360-407-6614</b>	<b>Fax:</b>	<b>360-407-6426</b>
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000427</b>	<b>Project Title:</b>	<b>Centennial Clean Water Grants</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 1:08PM

Project Number: 30000334

Project Title: ASARCO Cleanup

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 40

**Project Summary**

Ecology requests reappropriation to continue land purchases for island mitigation. This is associated with the cleanup work related to former ASARCO smelter site in Tacoma. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. ASARCO also owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: chapter 70.105D RCW

**Application process used**

This will be a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	6,000,000	3,766,000	985,000	1,249,000	
15H-1	Cleanup Set Acct-State	30,660,000	6,380,000	13,221,000	11,059,000	
	<b>Total</b>	<b>36,660,000</b>	<b>10,146,000</b>	<b>14,206,000</b>	<b>12,308,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
15H-1	Cleanup Set Acct-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Angie Wirkkala</b>		
<b>Phone:</b>	<b>360.407.7219</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000334</b>	<b>Project Title:</b>	<b>ASARCO Cleanup – Tacoma Smelter Plume Island Mitigation</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 2:00PM

Project Number: 30000538

Project Title: ASARCO Cleanup

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 41

**Project Summary**

This request will continue cleanup work related to former ASARCO smelter sites in Everett and Tacoma, and mining operations in eastern Washington. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. ASARCO also owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

This project requires a total of 0.58 FTE to support Ecology's work completing a feasibility study and drafting the Cleanup Action Plan (CAP) which will outline the cleanup actions that will be taken to address the contamination at the site.

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: chapter 70.105D RCW

**Application process used**

This is a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
15H-1	Cleanup Set Acct-State	12,146,000		1,797,000	10,349,000	
	<b>Total</b>	<b>12,146,000</b>	<b>0</b>	<b>1,797,000</b>	<b>10,349,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
15H-1	Cleanup Set Acct-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 10:34AM

Project Number: 30000536

Project Title: Coastal Wetlands Federal Funds

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 42

**Project Summary**

Ecology is requesting reappropriation for two federal grant programs that fund wetlands and coastal and estuarine lands acquisition. The federal grant programs are the National Coastal Wetland Conservation Grant Program, administered by the U.S. Fish & Wildlife Service, and the Coastal and Estuarine Land Conservation Program, administered by the National Oceanic and Atmospheric Administration. These programs provide financing to protect important coastal and estuarine areas that have significant conservation, recreation, or ecological value. Coastal wetlands comprise less than 10 percent of the nation's land area, but support a much higher proportion of our living resources. Specifically, coastal areas support a high percentage of our threatened and endangered species, fishery resources, migratory songbirds, and migrating and wintering waterfowl. Ecology administers the pass through of these federal grants to other state or local government entities. Related to Puget Sound Action Agenda implementation.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

This project requires 0.86 FTE in the 2017-19 Biennium. This position administers the federal grant program and manages the contracts with state, local and other federal partners.?

**Project Type**

Grants

Grant Recipient Organization: Unknown until grant awards are made.

RCW that establishes grant: None

**Application process used**

Ecology helps local governments, state agencies, tribes, and nonprofit organizations apply for federal funding. Funding applications are due in June for National Coastal Wetlands Grants and April for Coastal and Estuarine Land Conservation Program grants.

**Growth Management impacts**

None; some local governments may secure grants to protect wetlands within their jurisdictions.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
001-2	General Fund-Federal	10,000,000			10,000,000	
	<b>Total</b>	<b>10,000,000</b>	<b>0</b>	<b>0</b>	<b>10,000,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
001-2	General Fund-Federal	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/9/2016 10:34AM

**Project Number:** 30000536

**Project Title:** Coastal Wetlands Federal Funds

**Operating Impacts**

---

**No Operating Impact**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 12:14PM

Project Number: 30000328

Project Title: Coastal Wetlands Federal Funds

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 43

**Project Summary**

Ecology is requesting reappropriation for two federal grant programs that fund wetlands and coastal and estuarine lands acquisition. The federal grant programs are the National Coastal Wetland Conservation Grant Program, administered by the U.S. Fish & Wildlife Service, and the Coastal and Estuarine Land Conservation Program, administered by the National Oceanic and Atmospheric Administration. These programs provide financing to protect important coastal and estuarine areas that have significant conservation, recreation, or ecological value. Coastal wetlands comprise less than 10 percent of the nation's land area, but support a much higher proportion of our living resources. Specifically, coastal areas support a high percentage of our threatened and endangered species, fishery resources, migratory songbirds, and migrating and wintering waterfowl. Ecology administers the pass through of these federal grants to other state or local government entities. Related to Puget Sound Action Agenda Implementation.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Unknown until grant awards are made.

RCW that establishes grant: None

**Application process used**

Competitive. Ecology helps local governments, state agencies, tribes, and nonprofit organizations apply for funding. Funding applications are due in June for National Coastal Wetlands Grants and April for Coastal and Estuarine Land Conservation Program grants.

**Growth Management impacts**

None; some local governments may secure grants to protect wetlands within their jurisdictions.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
001-2	General Fund-Federal	9,800,000			9,800,000	
	<b>Total</b>	<b>9,800,000</b>	<b>0</b>	<b>0</b>	<b>9,800,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
001-2	General Fund-Federal					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/13/2016 8:23AM

Project Number: 19972012

Project Title: Low-Level Nuclear Waste Disposal Trench Closure

**Description**

Starting Fiscal Year: 1997  
 Project Class: Grant - Pass Through  
 Agency Priority: 44

**Project Summary**

Ecology is requesting reappropriation to complete the project phases involving preparations for closure of the filled trenches at the commercial low level radioactive waste disposal facility (CLLRW) at Hanford. This reappropriation request is being submitted as a placeholder. The Department of Health (Health) and the Department of Ecology (Ecology) share responsibilities at the CLLRW located in the central plateau of the Hanford nuclear reservation. The two agencies are proposing 2017 legislation that would transfer site closure account management and budget responsibilities to Health. If that proposal is approved, this request will not be needed and Health will obtain their own site closure account appropriation to fund continued work. If the transfer legislation does not pass during the 2017 legislative session, Ecology will need this reappropriation to complete the following: (1) Model Toxics Control Act (MTCA) remedial investigation and feasibility study and develop the Cleanup Action Plan; (2) transfer and stockpile available soils that are anticipated to be needed for future closure activities; and, (3) continue evaluation and preparations for future closure activities. After completion of a third party evaluation of closure preparations in 2015, Health and Ecology determined that closure of the filled trenches would not occur at this time. Ecology is lapsing a total of up to \$5,283,457, depending on final FY15-17 expenditure that was set aside for this work. \$3,675,000 would be lapsed from expenditure authority T78. The remaining \$1,608,457 would be lapsed from expenditure authority J00. The funds being lapsed are associated with the placement of an interim cover over the filled trenches. The agencies are working to develop a revised project plan, further evaluate site conditions, and continue working with interested parties, including the Yakama Nation, and will pursue any future closure project with a new budget request once those preparations are complete. This requested reappropriation will fund continued Ecology efforts to complete the MTCA investigation processes that will develop a remediation plan to address hazardous substance releases, further evaluate and characterize the site, continue work with interested third parties, and transfer and stockpile available soils that will be required for future closure of the filled trenches. The MTCA investigation will determine any additional remediation necessary to address hazardous substance releases under MTCA (chapter 70.105D RCW). MTCA remediation activities will be addressed through a new budget request for that purpose. (Site Closure Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13 and partial lapsed amounts. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A

**Application process used**

Grant awards will be based on viability of technology proposed, readiness to proceed, percent cost share, and projections of applicant's diesel and greenhouse gas emissions reduced. Ecology may pass grant money through to local air agencies to manage a grant process, or could manage the process with other federal and state diesel emission reduction projects currently underway at Ecology.

**Growth Management impacts**

None

**Funding**

Expenditures

2017-19 Fiscal Period

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/13/2016 8:23AM

Project Number: 19972012

Project Title: Low-Level Nuclear Waste Disposal Trench Closure

<b>Funding</b>						
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
125-1	Site Closure Account-State	13,375,000	4,245,000	580,000	8,550,000	
	<b>Total</b>	<b>13,375,000</b>	<b>4,245,000</b>	<b>580,000</b>	<b>8,550,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
125-1	Site Closure Account-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:29PM

Project Number: 30000372

Project Title: Columbia River Water Supply Development Program

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 45

**Project Summary**

Ecology is requesting reappropriation from the Columbia River Basin Water Supply Development Account and the Columbia River Basin Taxable Bond Water Supply Development Account to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). A separate request for new appropriation authority is included in Ecology's capital budget submittal. Together, the reappropriation and new appropriation requests will fund projects that are in various stages of completion and provide the Office of Columbia River (OCR) with resources needed to achieve substantial progress in the 2017-19 biennium. These investments will help meet priority needs of the water users in the Columbia River Basin. (Columbia River Basin Water Supply Development Account - 10P, Columbia River Basin Taxable Bond Water Supply Development Account - 18B)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
10P-1	Col River Water-State	49,896,000	32,297,000	11,257,000	6,342,000	
18B-1	Col Riv Bas Acct-State	30,545,000	6,429,000	21,922,000	2,194,000	
	<b>Total</b>	<b>80,441,000</b>	<b>38,726,000</b>	<b>33,179,000</b>	<b>8,536,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
10P-1	Col River Water-State					
18B-1	Col Riv Bas Acct-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>10P &amp; 18B</b>	<b>Fund Name:</b>	<b>Columbia River Basin Water Supply Development Account and Columbia River Basin Taxable Bond Water Supply Development Account</b>
<b>Project Number:</b>	<b>30000372</b>	<b>Project Title:</b>	<b>Columbia Basin Water Supply Development Program</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:51PM

Project Number: 30000588

Project Title: Columbia River Water Supply Development Program

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 46

**Project Summary**

Ecology is requesting reappropriation from the Columbia River Basin Water Supply Development Account and the Columbia River Basin Taxable Bond Water Supply Development Account to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). A separate request for new appropriation authority is included in Ecology's capital budget submittal. Together, the reappropriation and new appropriation requests will fund projects that are in various stages of completion and provide the Office of Columbia River (OCR) with resources needed to achieve substantial progress in the 2017-19 biennium. These investments will help meet priority needs of the water users in the Columbia River Basin. (Columbia River Basin Water Supply Development Account - 10P, Columbia River Basin Taxable Bond Water Supply Development Account - 18B, Columbia River Basin Water Supply Revenue Recovery Account - 296)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
10P-1	Col River Water-State	16,800,000		10,544,000	6,256,000	
296-1	Col River Bas Wtr Su-State	2,200,000		12,000	2,188,000	
	<b>Total</b>	<b>19,000,000</b>	<b>0</b>	<b>10,556,000</b>	<b>8,444,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
10P-1	Col River Water-State					
296-1	Col River Bas Wtr Su-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>	<b>Fax:</b>	
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fund Name:</b>	<b>Columbia River Basin Water Supply Development Account</b>
<b>Fund(s) Number:</b>	<b>10P</b>	<b>Project Title:</b>	<b>Columbia Basin Water Supply Development Program</b>
<b>Project Number:</b>	<b>30000588</b>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 1:03PM

Project Number: 30000039

Project Title: Remedial Action Grant Program

**Description**

Starting Fiscal Year: 2010  
 Project Class: Grant - Pass Through  
 Agency Priority: 47

**Project Summary**

Ecology received appropriations for Remedial Action Grants in 2009-11 for funding toxic waste cleanup projects at local government sites. Ecology requests reappropriation for these pass through grants to address the toxics cleanup need in Puget Sound and statewide. The requested reappropriation will support ongoing remedial action grants to clean up contaminated industrial sites that impact the air, land and water resources of the state. This grant funding protects public and environmental health, creates jobs and promotes economic development by allowing contaminated properties to be redeveloped.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.105D RCW

**Application process used**

To receive an oversight remedial action grant, the applicant must be a local government that is a potentially liable person (PLP), a potentially responsible party (PRP) at a hazardous waste site, or the owner of a site but not a PLP or PRP. One of the following standards must also be met: 1. Ecology requires the applicant to conduct remedial action under an order or decree issued under chapter 70.105D RCW. 2. The U.S. Environmental Protection Agency (EPA) requires the applicant to conduct remedial action under an order or decree issued under the federal cleanup law. In such a case, Ecology must also sign the order or decree or acknowledge in writing that it is a sufficient basis for remedial action grant funding. 3. The applicant has signed an order or decree issued under chapter 70.105D RCW requiring a potentially liable person (PLP) other than the applicant to conduct remedial action at a landfill site. In this case, the applicant must also have entered into an agreement with the PLP to reimburse the PLP for a portion of the remedial action costs incurred under the order or decree. The reimbursement is for the sole purpose of providing relief to ratepayers and/or taxpayers from remedial action costs. There is no set application period for oversight remedial action grants. Once an order or decree has been issued to a local government, it has 60 days to apply for a grant.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	37,700,000	36,731,000	118,000	851,000	
174-1	Local Toxics Control-State	37,409,000	29,604,000	1,452,000	6,353,000	
	<b>Total</b>	<b>75,109,000</b>	<b>66,335,000</b>	<b>1,570,000</b>	<b>7,204,000</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				

461 - Department of Ecology  
Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 1:03PM

Project Number: 30000039

Project Title: Remedial Action Grant Program

**Funding**

	Future Fiscal Periods			
	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1 Local Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Angie Wirkkala</b>		
<b>Phone:</b>	<b>360.407.7219</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000039</b>	<b>Project Title:</b>	<b>Remedial Action Grant Program</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? X Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? X Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? X Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? X Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes X No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes X No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? X Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes X No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes X No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

\*\*\* *This page intentionally blank.* \*\*\*



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:21PM

Project Number: 30000331

Project Title: Watershed Plan Implementation and Flow Achievement

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 48

**Project Summary**

Twenty-nine completed local watershed plans covering all or parts of 38 statewide Water Resource Inventory Areas (WRIAs) have identified many capital needs. These include rehabilitating existing water systems, water conservation, and acquiring existing water rights for instream flow and other future needs. Ecology is requesting reappropriation from the State Building Construction Account to finance ongoing capital projects and water acquisition for implementing locally developed watershed plans. These projects and acquisitions will help the state, local governments, and other stakeholders meet future water needs and achieve recommended instream flows. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** Local entities with an adopted watershed plan or other similar type plan

**RCW that establishes grant:** chapter 90.82 RCW

**Application process used**

A competitive grant process will be used for each of the categories funded through this appropriation.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	10,000,000	2,787,000	2,116,000	5,097,000	
	<b>Total</b>	<b>10,000,000</b>	<b>2,787,000</b>	<b>2,116,000</b>	<b>5,097,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000331</b>	<b>Project Title:</b>	<b>Watershed Plan Implementation and Flow Achievement</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:04PM

Project Number: 30000591

Project Title: Watershed Plan Implementation and Flow Achievement

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 49

**Project Summary**

Significant water supply capital needs have been identified in 29 completed local watershed plans. These plans cover all or parts of 38 statewide Water Resource Inventory Areas (WRIAs) and non-planning basins. Needs include rehabilitating existing water systems, water conservation, and acquiring existing water rights for instream flow and other future needs. Ecology is requesting reappropriation from the State Building Construction Account to finance ongoing capital projects and water acquisition for implementing locally developed watershed plans. These projects and acquisitions will help the state, local governments, and other stakeholders meet future water needs and achieve recommended instream flows. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** Local entities with an adopted watershed plan or other similar type plan.

**RCW that establishes grant:** chapter 98.82 RCW

**Application process used**

A competitive grant process will be used for each of the categories funded through this appropriation.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	5,000,000		490,000	4,510,000	
	<b>Total</b>	<b>5,000,000</b>	<b>0</b>	<b>490,000</b>	<b>4,510,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000591</b>	<b>Project Title:</b>	<b>Watershed Plan Implementation and Flow Achievement</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 12:12PM

Project Number: 3000283

Project Title: Coastal Wetlands Federal Funds Administration

**Description**

Starting Fiscal Year: 2012  
 Project Class: Grant - Pass Through  
 Agency Priority: 50

**Project Summary**

Ecology requests reappropriation authority for two federal grant programs that fund wetlands and coastal and estuarine lands acquisition. The federal grant programs include the Coastal and Estuarine Land Conservation Program, administered by the National Oceanic and Atmospheric Administration and the National Coastal Wetland Conservation Grant Program, administered by the U.S. Fish & Wildlife Service. These programs provide financing to protect important coastal and estuarine areas that have significant conservation, recreation, or ecological value. Coastal wetlands comprise less than 10 percent of the nation's land area, but support a much higher proportion of our living resources. Ecology administers the pass through of these federal grants to other state or local government entities, tribes and non-governmental organizations. This funding was originally appropriated in the 2011-13 Biennium Capital Budget. (General Fund Federal)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Several

RCW that establishes grant: None. This is a federal grant

**Application process used**

A competitive process is used. Ecology assists local governments, state agencies, tribes and non profits in applying for funding. Funding applications are due in June for National Coastal Wetlands Grants and in April for Coastal and Estuarine Land Conservation Program grants.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
001-2	General Fund-Federal	23,200,000	14,499,000	4,549,000	4,152,000	
	<b>Total</b>	<b>23,200,000</b>	<b>14,499,000</b>	<b>4,549,000</b>	<b>4,152,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
001-2	General Fund-Federal					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:04PM

Project Number: 30000208

Project Title: Centennial Clean Water Program

**Description**

Starting Fiscal Year: 2012  
 Project Class: Grant - Pass Through  
 Agency Priority: 51

**Project Summary**

The requested reappropriation for Ecology's Centennial Clean Water Program (CCWP) will provide funds for grants and loans to public bodies for financing planning, implementation, design, acquisition, and construction of water pollution control facilities and non-point source pollution control. Ecology uses these funds primarily for grants, which are distributed through a statewide competitive rating and ranking prioritization process. Ecology provides funding to address the highest priority statewide water quality needs including projects for small communities that are financially distressed, and to address water quality problems associated with urban and rural activities.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.146 RCW

**Application process used**

Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the State Revolving Fund, Centennial Clean Water Fund, and the Clean Water Act Section 319 Program. The application period begins on September 1 and continues through November. Ecology staff screen, review, and rate and rank the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. A draft list for all three programs is developed and becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2013 Final Offer and Applicant List is available on the Water Quality website: <http://www.ecy.wa.gov/programs/wq/funding>.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
173-1	State Toxics Control-State	33,270,000	23,674,000	5,455,000	4,141,000	
	<b>Total</b>	<b>33,270,000</b>	<b>23,674,000</b>	<b>5,455,000</b>	<b>4,141,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
173-1	State Toxics Control-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/8/2016 3:04PM

**Project Number:** 30000208

**Project Title:** Centennial Clean Water Program

**Operating Impacts**

---

**No Operating Impact**



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/13/2016 9:43AM

Project Number: 92000148

Project Title: Low Interest Loans for Drought Wells

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 52

**Project Summary**

Ecology requests reappropriation from State Building Construction Account to continue implementing a low-interest loan program to install drought wells that support water supply needs in drought impacted areas as appropriated in the 2016 Supplemental Capital Budget. Funding is provided for a low-interest loan program for drought wells. Wells may operate only when there is a drought declaration. These wells will help drought impacted entities meet domestic, agricultural, municipal, industrial and environmental water supply needs during reduced water supply conditions from drought. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13.

**Project Type**

Grants

Grant Recipient Organization: Agricultural or public entities

RCW that establishes grant: Chapter 35, Laws of 2016 (Sect

Application process used

Competitive Grant

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	4,000,000			4,000,000	
	<b>Total</b>	<b>4,000,000</b>	<b>0</b>	<b>0</b>	<b>4,000,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Jim Skalski</u>	<b>Email:</b>	<u>jska461@ecy.wa.gov</u>
<b>Phone:</b>	<u>360-407-6617</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Low Interest Loans for Drought Wells</u>
<b>Project Number:</b>	<u>92000148</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 2:39PM

Project Number: 20062950

Project Title: Columbia River Basin Water Supply Development Program

**Description**

Starting Fiscal Year: 2006  
 Project Class: Grant - Pass Through  
 Agency Priority: 53

**Project Summary**

Ecology requests reappropriation from the Columbia River Basin Water Supply Development Account and/or the Columbia River Basin Taxable Bond Water Supply Development Account to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). A separate request for new appropriation authority is included in Ecology's capital budget submittal. Together, the reappropriation and new appropriation requests will fund projects that are in various stages of completion and provide the Office of Columbia River (OCR) with resources needed to achieve substantial progress in the 2017-19 biennium. These investments will help meet priority needs of the water users in the Columbia River Basin. (Columbia River Basin Water Supply Development Account -10P, Columbia River Basin Taxable Bond Water Supply Development Account -18B)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
10P-1	Col River Water-State	80,867,000	74,792,000	2,262,000	3,813,000	
18B-1	Col Riv Bas Acct-State	10,404,000	10,404,000			
	<b>Total</b>	<b>91,271,000</b>	<b>85,196,000</b>	<b>2,262,000</b>	<b>3,813,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
10P-1	Col River Water-State					
18B-1	Col Riv Bas Acct-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>10P &amp; 18B</b>	<b>Fund Name:</b>	<b>Columbia River Basin Water Supply Development Account and Columbia River Basin Taxable Bond Water Supply Development Account</b>
<b>Project Number:</b>	<b>20062950</b>	<b>Project Title:</b>	<b>Columbia Basin Water Supply Development Program</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:50PM

Project Number: 3000587

Project Title: Water Irrigation Efficiencies Program

**Description**

Starting Fiscal Year: 2016

Project Class: Grant - Pass Through

Agency Priority: 54

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through the Water Irrigation Efficiencies Program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce loss of water through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests reappropriation from the State Building Construction Account for the Washington State Conservation Commission (SCC) and conservation districts to continue to implement water conservation measures and irrigation efficiencies projects. Funds are pass-through to allow Ecology overall coordination of the statewide Water Irrigation Efficiencies Program (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Proviso**

The appropriation in this section is subject to the following conditions and limitations: 1. The appropriation is provided solely for technical assistance and grants to conservation districts for the purpose of implementing water conservation measures and irrigation efficiencies. The department and the state conservation commission shall give preference in order of priority to projects located in the 16 fish critical basins, other water short basins, and basins with significant water resource and instream flow issues. Projects that are not within basins as described in this subsection are also eligible to receive funding. 2. Conservation districts statewide are eligible for grants listed in subsection (1) of this section. A conservation district receiving funds shall manage each grant to ensure that a portion of the water saved by the water conservation measure or irrigation efficiency will be placed as a purchase or a lease in the trust water rights program to enhance instream flows. The proportion of saved water placed in the trust water rights program must be equal to the percentage of the public investment in the conservation measure or irrigation efficiency. The percentage of the public investment may not exceed eighty-five percent of the total cost of the conservation measure or irrigation efficiency. 3. Up to \$300,000 of the appropriation in this section may be allocated for the purchase and installation of flow meters that are implemented in cooperation with the Washington State Department of Fish and Wildlife fish screening program authorized under RCW 77.57.070.

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: Legislative Appropriation

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations

461 - Department of Ecology

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:50PM

Project Number: 30000587

Project Title: Water Irrigation Efficiencies Program

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	4,000,000		205,000	3,795,000	
	<b>Total</b>	<b>4,000,000</b>	<b>0</b>	<b>205,000</b>	<b>3,795,000</b>	<b>0</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000587</b>	<b>Project Title:</b>	<b>Water Irrigation Efficiencies</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

\*\*\* *This page intentionally blank.* \*\*\*



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:09PM

Project Number: 91000032

Project Title: Clean Up Toxics Sites - Puget Sound

**Description**

Starting Fiscal Year: 2013  
 Project Class: Grant - Pass Through  
 Agency Priority: 55

**Project Summary**

Ecology's emphasis on bay wide cleanup in seven priority bays has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done cheaper, better and quicker because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. In the 2012 Supplemental Budget, Ecology received new appropriation of \$9.270 million to continue the environmental work at one of the seven priority bays, Port Gamble. The funding was provided for source control, habitat restoration, cleanup sustainability and to open up 90 acres for geoduck tracks. Ecology requests reappropriation to continue the cleanup work at the Port Gamble Bay. Cleaning up the Port Gamble Bay protects public and environmental health, creates jobs and promotes economic development by allowing the property to be redeveloped.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: chapter 70.105D RCW

**Application process used**

This will be a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	9,270,000	4,500,000	1,113,000	3,657,000	
	<b>Total</b>	<b>9,270,000</b>	<b>4,500,000</b>	<b>1,113,000</b>	<b>3,657,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
173-1	State Toxics Control-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:53PM

Project Number: 30000589

Project Title: Sunnyside Valley Irrigation District Water Conservation

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 56

**Project Summary**

The United States Bureau of Reclamation (USBR) manages conservation improvements required by the Sunnyside Division Water Rights Settlement Agreement in the Yakima Basin Water Rights Adjudication. (State of Washington, Department of Ecology vs. James J. Acquavella, et al.) These are multiyear projects, and Ecology is requesting additional funding to cover our required state match of 17.5 percent of total project costs for the next four or five biennia: Sunnyside Valley Irrigation District (SVID) Phase 2B project cost estimated at \$80 million (\$14 million Ecology cost share) over a 15 year construction period; Roza project cost estimated at \$20 million (\$3.5 million Ecology cost share) over a six year construction period. Ecology requests reappropriation form the State Building Construction Account to continue the construction schedule for the state's share of the YRBWEP. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Public Agriculture Water Supply Facilities and Federal Gov't Agency

RCW that establishes grant: N/A

**Application process used**

Authorization was the Federal Public Law 103 434 and the Yakima Superior Court Adjudication Water Right Settlement.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	3,055,000			3,055,000	
	<b>Total</b>	<b>3,055,000</b>	<b>0</b>	<b>0</b>	<b>3,055,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000589</b>	<b>Project Title:</b>	<b>Sunnyside Valley Irrigation District Water Conservation</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 1:52PM

Project Number: 30000280

Project Title: ASARCO - Tacoma Smelter Plume and Mines

**Description**

Starting Fiscal Year: 2012  
 Project Class: Grant - Pass Through  
 Agency Priority: 57

**Project Summary**

Ecology requests reappropriation to continue cleanup work related to the ASARCO smelter sites in Tacoma and Everett, and mining operations in northwest and eastern Washington. ASARCO operated smelters in Tacoma and Everett that released arsenic, lead and other contamination into the air. The pollution settled down to earth, contaminating over 1,000 square miles in the lower Puget Sound. Also, the company owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways. This funding will protect public and environmental health, create jobs and promote economic development by allowing contaminated properties to be redeveloped.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

This project requires a total of 0.69 FTE to: (1) support Ecology's work through a remedial investigation and feasibility study to determine the extent of contamination; and, (2) support the final remedial investigation and feasibility study and coordinate with the U.S. Forest Service on non-time critical removal actions.

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: chapter 70.105D RCW

**Application process used**

This will be a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
15H-1	Cleanup Set Acct-State	20,647,000	17,529,000	97,000	3,021,000	
	<b>Total</b>	<b>20,647,000</b>	<b>17,529,000</b>	<b>97,000</b>	<b>3,021,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
15H-1	Cleanup Set Acct-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/9/2016 1:52PM

**Project Number:** 30000280

**Project Title:** ASARCO - Tacoma Smelter Plume and Mines

**Operating Impacts**

---

**No Operating Impact**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 3:15PM

Project Number: 30000337

Project Title: Clean Up Toxics Sites - Puget Sound

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 58

**Project Summary**

Ecology's emphasis on bay wide cleanup in seven priority bays has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done cheaper, better and quicker because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. Ecology is requesting reappropriation for toxic site cleanup projects that will integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: None

Application process used  
 None

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
19G-1	ELS Account-State	25,055,000	18,872,000	3,209,000	2,974,000	
	<b>Total</b>	<b>25,055,000</b>	<b>18,872,000</b>	<b>3,209,000</b>	<b>2,974,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
19G-1	ELS Account-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 1:24PM

Project Number: 92000158

Project Title: Port of Tacoma Arkema/Dunlap Mound

**Description**

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 59

**Project Summary**

This project provides matching funds to reimburse the Port of Tacoma for the remedial investigation, feasibility study and an interim action to remove the remaining arsenic contaminated soil along the Hylebos waterway shoreline at the Arkema mound site. The overall goal of these actions is to return an industrial property to productive use and promote economic development for the region.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13.

**Location**

City: Tacoma

County: Pierce

Legislative District: 027

**Project Type**

Grants

Grant Recipient Organization: Port of Tacoma

RCW that establishes grant: Chapter 70.105D RCW

**Application process used**

Funding appropriated by the Legislature

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,900,000			2,900,000	
	<b>Total</b>	<b>2,900,000</b>	<b>0</b>	<b>0</b>	<b>2,900,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>Angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Port of Tacoma Arkema/Dunlap Mound</u>
<b>Project Number:</b>	<u>92000158</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 12:53PM

Project Number: 20064008

Project Title: Local Toxics Grants for Cleanup and Prevention

**Description**

Starting Fiscal Year: 2006  
 Project Class: Grant - Pass Through  
 Agency Priority: 60

**Project Summary**

Ecology received appropriations to fund grants to local governments in the 2005–07 biennium for several programs designed for managing, preventing, recycling and cleaning up toxic and solid waste in the land, air and water. Ecology requests reappropriation for remedial action grants to address ongoing cleanup needs in Bellingham. This grant funding protects public and environmental health, creates jobs and promotes economic development by allowing contaminated properties to be redeveloped.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: chapter 70.105D RCW; 90.48 RCW

**Application process used**

To receive an oversight remedial action grant, the applicant must be a local government that is a potentially liable person (PLP), a potentially responsible party (PRP) at a hazardous waste site, or the owner of a site but not a PLP or PRP. One of the following standards must also be met: 1. Ecology requires the applicant to conduct remedial action under an order or decree issued under chapter 70.105D RCW. 2. The U.S. Environmental Protection Agency (EPA) requires the applicant to conduct remedial action under an order or decree issued under the federal cleanup law. In such a case, Ecology must also sign the order or decree or acknowledge in writing that it is a sufficient basis for remedial action grant funding. 3. The applicant has signed an order or decree issued under chapter 70.105D RCW requiring a potentially liable person (PLP) other than the applicant to conduct remedial action at a landfill site. In this case, the applicant must also have entered into an agreement with the PLP to reimburse the PLP for a portion of the remedial action costs incurred under the order or decree. The reimbursement is for the sole purpose of providing relief to ratepayers and/or taxpayers from remedial action costs. There is no set application period for oversight remedial action grants. Once an order or decree has been issued to a local government, it has 60 days to apply for a grant.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	21,237,000	13,720,000	4,956,000	2,561,000	
174-1	Local Toxics Control-State	77,611,000	77,611,000			
	<b>Total</b>	<b>98,848,000</b>	<b>91,331,000</b>	<b>4,956,000</b>	<b>2,561,000</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				

461 - Department of Ecology  
Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 12:53PM

Project Number: 20064008

Project Title: Local Toxics Grants for Cleanup and Prevention

**Funding**

	Future Fiscal Periods			
	<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>
174-1 Local Toxics Control-State				
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Angie Wirkkala</b>		
<b>Phone:</b>	<b>360.407.7219</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>20064008</b>	<b>Project Title:</b>	<b>Local Toxics Grants for Cleanup and Prevention</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 5:02PM

Project Number: 92000155

Project Title: Port Angeles Municipal Landfill

**Description**

Starting Fiscal Year: 2016

Project Class: Grant

Agency Priority: 61

**Project Summary**

Ecology requests reappropriation from the State Building Construction Account for the Port Angeles Municipal Landfill project, as appropriated in the 2016 Supplemental Capital Budget. The legislative budget notes indicate that funding was provided for the Port Angeles Municipal Landfill project including the establishment of the post-closure account.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13.

**Location**

City: Port Angeles

County: Clallam

Legislative District: 024

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,200,000			2,200,000	
	<b>Total</b>	<b>2,200,000</b>	<b>0</b>	<b>0</b>	<b>2,200,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:30PM

Project Number: 30000373

Project Title: Yakima River Basin Water Supply

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 62

**Project Summary**

Existing water resources infrastructure, programs, and policies in the Yakima River basin have not been capable of consistently meeting the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan to provide a comprehensive long-term water resources and habitat improvement program to address this situation. Implementing this program will support the regional economy and also protect the environment. Ecology is requesting reappropriation from the State Building Construction Account to continue implementing this program in cooperation with the U.S. Bureau of Reclamation and local stakeholders. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	32,100,000	27,916,000	2,060,000	2,124,000	
	<b>Total</b>	<b>32,100,000</b>	<b>27,916,000</b>	<b>2,060,000</b>	<b>2,124,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000373</b>	<b>Project Title:</b>	<b>Yakima River Basin Water Supply</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 12:39PM

Project Number: 91000007

Project Title: Habitat Mitigation

**Description**

Starting Fiscal Year: 2010  
 Project Class: Grant - Pass Through  
 Agency Priority: 63

**Project Summary**

Ecology requests reappropriation to continue the Habitat Mitigation project in the 2017-19 biennium. Wetlands provide many benefits to people, fish, and wildlife. They filter pollutants, provide habitat, store flood waters, recharge aquifers, and maintain water flows during dry periods. The State Water Pollution Control Act, chapter 90.48 RCW, protects the waters of the state, including wetlands. When someone damages wetlands, they are required to provide mitigation to offset those impacts. The Legislature authorized the Habitat Mitigation project to focus on improving options for wetland mitigation through the use of a payment program. In lieu of developing their own mitigation site, applicants for state, federal, or local permits can pay a fee to meet their regulatory requirements to compensate for lost and damaged wetlands. This project includes the development of two in-lieu fee programs in Puget Sound and the acquisition and construction of mitigation sites. This funding was originally appropriated in the 2011-13 Biennium. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Thurston and Pierce Counties

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

This provides an option for compensating for wetland impacts authorized under local critical areas ordinances.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	4,412,000	2,101,000	241,000	2,070,000	
	<b>Total</b>	<b>4,412,000</b>	<b>2,101,000</b>	<b>241,000</b>	<b>2,070,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b> 461	<b>Agency Name</b> Department of Ecology		
<b>Contact Name:</b> Lauren Driscoll			
<b>Phone:</b> 360-407-7045	<b>Fax:</b> 360-407-6902		
<b>Fund(s) Number:</b> 057	<b>Fund Name:</b> State Building Construction Acct		
<b>Project Number:</b> 91000007	<b>Project Title:</b> Habitat Mitigation		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 5:01PM

Project Number: 92000142

Project Title: Drought Response

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 64

**Project Summary**

Ecology requests reappropriation from State Drought Preparedness Account to continue implementing water supply projects in drought impacted areas. These projects will help drought impacted entities meet domestic, agricultural, municipal, industrial and environmental water supply needs during reduced water supply conditions from drought. (State Drought Preparedness Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Special Programs

Grant Recipient Organization: Agricultural or public entities

RCW that establishes grant: Chapter 35, Laws of 2016 (Sect

Application process used

Competitive Grant

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State					
05W-1	State Drought Prep-State	6,723,000		4,694,000	2,029,000	
	<b>Total</b>	<b>6,723,000</b>	<b>0</b>	<b>4,694,000</b>	<b>2,029,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
05W-1	State Drought Prep-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/13/2016 9:32AM

Project Number: 30000429

Project Title: Reducing Toxic Woodstove Emissions

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 65

**Project Summary**

Smoke from wood burning stoves causes significant health problems, including asthma, lung disease, heart disease, stroke, and premature death. Ecology is requesting the reappropriation to reduce the use of old, high-polluting wood stoves in communities facing high public health risk from wood smoke. Ecology will do this through wood stove change-out programs, resulting in up to 100 tons of fine particle pollution being reduced each year. Funds may also be used for strategies to reduce the use of or need for wood heat in areas at high risk of violating national ambient air quality standards for fine particles. Related to Puget Sound Action Agenda implementation.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local air agencies and Ecology regional offices

RCW that establishes grant: None

**Application process used**

Ecology establishes grant criteria for each grant cycle, such as: location in an area designated non-attainment for federal ambient air quality standards or at risk of being declared non-attainment; ability to leverage other funding sources; proposed actions resulting in the greatest PM 2.5 emission reductions; creative approaches to reach high volume wood users; replacement of uncertified devices that are a home's primary heat source; education of consumers; readiness to proceed; and demonstrated capacity to spend the requested funding. All applications are evaluated and ranked against the adopted criteria, and decisions on funding are made based on the amount available and the worthiness of projects.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,500,000		18,000	1,482,000	
173-1	State Toxics Control-State	2,000,000		1,473,000	527,000	
	<b>Total</b>	<b>3,500,000</b>	<b>0</b>	<b>1,491,000</b>	<b>2,009,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
173-1	State Toxics Control-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/13/2016 9:32AM

**Project Number:** 30000429

**Project Title:** Reducing Toxic Woodstove Emissions

**Operating Impacts**

---

**No Operating Impact**



## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Matthew Vandrush-Borgacz</u>	<b>Email:</b>	<u>mvan461@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-6646</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Reducing Toxic Woodstove Emissions</u>
<b>Project Number:</b>	<u>30000429</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 2:35PM

Project Number: 30000490

Project Title: Leaking Tank Model Remedies

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 66

**Project Summary**

Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites to streamline the cleanup process so that protective cleanup actions are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Leaks from underground fuel tanks can contaminate groundwater and cause significant environmental and human health risks. This reappropriation will fund the development, implementation, and evaluation of these model remedies.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

**Growth Management impacts**

No direct impacts. Cleanup projects will support redevelopment of urban areas.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
173-1	State Toxics Control-State	2,000,000		16,000	1,984,000	
	<b>Total</b>	<b>2,000,000</b>	<b>0</b>	<b>16,000</b>	<b>1,984,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
173-1	State Toxics Control-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:33PM

Project Number: 30000389

Project Title: Water Irrigation Efficiencies Program

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 67

**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and used on agricultural lands. These activities provide multiple state benefits; the most significant is to meet our goals of providing water for people, farms, and fish. Projects funded through the Water Irrigation Efficiencies Program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce loss of water through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests reappropriation from the State Building Construction Account for the Washington State Conservation Commission (SCC) and conservation districts to continue to implement water conservation measures and irrigation efficiencies projects. Funds are pass-through to allow Ecology overall coordination of the statewide Water Irrigation Efficiencies Program, in collaboration with the goals of the Columbia River Water Supply Development Program. This includes not only the Columbia River Water Supply Development Program activities, but also irrigation projects outside the Columbia River Water Supply Development Program area, and projects developed and implemented by the conservation districts. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Proviso**

The appropriations are provided solely to provide technical assistance and grants to conservation districts for the purpose of implementing water conservation measures and irrigation efficiencies. The Department of Ecology and the State Conservation Commission shall give preference in order of priority to projects located in the 16 fish critical basins, other water short basins and/or basins with significant water resource and/or instream flow issues. Projects that are not within basins as listed above are also eligible to receive funding. Conservation districts statewide are eligible for such grants. A conservation district receiving funds shall manage each grant to ensure that a portion of the water saved by the water conservation measure or irrigation efficiency will be placed as a purchase or a lease in the trust water rights program to enhance instream flows. The proportion of saved water placed in the trust water rights program must be equal to the percentage of the public investment in the conservation measure or irrigation efficiency. The percentage of the public investment may not exceed 85 percent of the total cost of the conservation measure or irrigation efficiency.

**Project Type**

Grants

Grant Recipient Organization: Conservation Districts

RCW that establishes grant: Legislative Appropriation

**Application process used**

Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by the Washington State Conservation Commission and Ecology staff with review by the Washington Department of Fish and Wildlife.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:33PM

Project Number: 30000389

Project Title: Water Irrigation Efficiencies Program

<b>Funding</b>						
057-1	State Bldg Constr-State	4,000,000	1,795,000	540,000	1,665,000	
	<b>Total</b>	<b>4,000,000</b>	<b>1,795,000</b>	<b>540,000</b>	<b>1,665,000</b>	<b>0</b>

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000389</b>	<b>Project Title:</b>	<b>Water Irrigation Efficiencies</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

\*\*\* *This page intentionally blank.* \*\*\*



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 1:43PM

Project Number: 30000144

Project Title: Clean Up Toxics Sites - Puget Sound

**Description**

Starting Fiscal Year: 2010  
 Project Class: Grant - Pass Through  
 Agency Priority: 68

**Project Summary**

Ecology requests reappropriation to continue cleanup work related to former ASARCO smelter site in Everett. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. ASARCO also owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: chapter 70.105D RCW

**Application process used**

This will be a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	511,000	511,000			
15H-1	Cleanup Set Acct-State	18,300,000	16,689,000	536,000	1,075,000	
173-1	State Toxics Control-State	20,223,000	19,230,000	405,000	588,000	
<b>Total</b>		<b>39,034,000</b>	<b>36,430,000</b>	<b>941,000</b>	<b>1,663,000</b>	<b>0</b>

**Future Fiscal Periods**

Acct Code	Account Title	Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
15H-1	Cleanup Set Acct-State				
173-1	State Toxics Control-State				
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/9/2016 1:43PM

**Project Number:** 30000144

**Project Title:** Clean Up Toxics Sites - Puget Sound

**Operating Impacts**

---

**No Operating Impact**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:24PM

Project Number: 30000333

Project Title: Dungeness Water Supply & Mitigation

**Description**

Starting Fiscal Year: 2014

Project Class: Grant - Pass Through

Agency Priority: 69

**Project Summary**

Over the past two biennia, much time and effort has been spent identifying projects that have the potential to restore flow to and mitigate impacts within the Dungeness River basin. The Dungeness Local Leaders Work Group conducted a multi-variable evaluation and cost benefit analysis of 21 different projects that would restore flows and mitigate other instream impacts. Ecology is requesting reappropriation from the State Building Construction Account to continue implementing projects such as aquifer recharge, source substitution, storage, and acquisition projects that will restore flows and mitigate withdrawals from the Dungeness River and other streams in the Dungeness River basin. This suite of projects will help restore flows within the watershed, mitigate and offset new water use, allow additional growth and economic development, and avoid the costly problems experienced in other watersheds. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Proviso**

Ecology requests the following proviso language be included in the Capital Budget. "Dungeness Water Supply and Mitigation: The appropriation in this section is subject to the following conditions and limitations: The appropriation in this section is provided solely for the department to develop mitigation options and alternative water sources or tools to make water available for stream flows and to mitigate for rural development within the basin. The department will work with the Dungeness Local Leaders Workgroup to coordinate water supply and mitigation projects for implementation that have been developed in cooperation with local stakeholders."

**Project Type**

Grants

Grant Recipient Organization: Local Entities

RCW that establishes grant: Legislative Appropriation

**Application process used**

Competitive grants to local entities.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,050,000	132,000	257,000	1,661,000	
	<b>Total</b>	<b>2,050,000</b>	<b>132,000</b>	<b>257,000</b>	<b>1,661,000</b>	<b>0</b>

**Future Fiscal Periods**

	2019-21	2021-23	2023-25	2025-27
057-1 State Bldg Constr-State				

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:24PM

Project Number: 30000333

Project Title: Dungeness Water Supply & Mitigation

**Funding**

Total	0	0	0	0
-------	---	---	---	---

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000333</b>	<b>Project Title:</b>	<b>Dungeness Water Supply and Mitigation</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:08PM

Project Number: 30000213

Project Title: Watershed Plan Implementation and Flow Achievement

**Description**

Starting Fiscal Year: 2012  
 Project Class: Grant - Pass Through  
 Agency Priority: 70

**Project Summary**

Local watershed plans were developed using state grant funds issued under chapter 90.82 RCW (Watershed Planning). These plans identify many statewide capital needs, including new projects, rehabilitation of existing water systems, water conservation and acquisition of existing water rights for instream flow and other future needs. Ecology requests reappropriation from the State Building Construction Account for projects previously authorized by the Legislature to finance capital projects and water acquisition strategies for implementing locally developed watershed plans. These projects and acquisitions will help watershed units meet future water needs while achieving recommended instream flows. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** Local entities with an adopted watershed plan or other similar type plan

**RCW that establishes grant:** chapter 90.82 RCW

**Application process used**

A competitive grant process was used for each of the categories funded through this appropriation.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	8,674,000	6,566,000	467,000	1,641,000	
	<b>Total</b>	<b>8,674,000</b>	<b>6,566,000</b>	<b>467,000</b>	<b>1,641,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000213</b>	<b>Project Title:</b>	<b>Watershed Plan Implementation and Flow Achievement</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 3:35PM

Project Number: 92000156

Project Title: Water Treatment Plant (Lakewood)

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 71

**Project Summary**

This is a U.S. Environmental Protection Agency Superfund site where the State has responsibilities for long-term operations and maintenance of the system. The drinking water provided by the Lakewood Water District requires ongoing treatment to remove contamination prior to distribution. The existing treatment system has reached the end of its life and needs to be replaced and upgraded. This reappropriation will fund the design and installation of a the new water treatment system at the Lakewood Water District.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Lakewood Water District

RCW that establishes grant: N/A

**Application process used**

Direct Appropriation

**Growth Management impacts**

N/A

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,500,000			1,500,000	
	<b>Total</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency ID:</b>	<u>461</u>	<b>Agency Name:</b>	<u>Department of Ecology</u>
<b>Contact Name:</b>	<u>Angie Wirkkala</u>	<b>Email:</b>	<u>Angie.wirkkala@ecy.wa.gov</u>
<b>Phone:</b>	<u>(360) 407-7219</u>	<b>Fund Name:</b>	<u>State Building Construction Account</u>
<b>Fund(s) Number:</b>	<u>057</u>	<b>Project Title:</b>	<u>Water Treatment Plant (Lakewood)</u>
<b>Project Number:</b>	<u>92000156</u>		

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes? Yes No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? Yes No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/12/2016 3:32PM

Project Number: 92000085

Project Title: Lower Yakima GWMA Program Development

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 72

**Project Summary**

Ecology requests reappropriation to continue the Lower Yakima Basin Ground Water Management Area (GWMA) program development project in the 2017–19 Biennium. The proposed Yakima Basin GWMA is a response to elevated nitrate concentrations in groundwater in the Lower Yakima Valley. The concentrations detected in groundwater can be harmful to human health and the environment. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Expected to be Yakima County

RCW that establishes grant: None

**Application process used**

Funds included in 2012 Supplemental Capital Budget to fund Yakima GWMA work tasks.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,614,000		239,000	1,375,000	
	<b>Total</b>	<b>1,614,000</b>	<b>0</b>	<b>239,000</b>	<b>1,375,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Department of Ecology</b>
<b>Contact Name:</b>	<b>Kim Wagar</b>		
<b>Phone:</b>	<b>360-407-6614</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Accout</b>
<b>Project Number:</b>	<b>92000085</b>	<b>Project Title:</b>	<b>Lower Yakima GWMA Program Development</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:59PM

Project Number: 20084029

Project Title: Watershed Plan Implementation and Flow Achievement

**Description**

Starting Fiscal Year: 2008  
 Project Class: Grant - Pass Through  
 Agency Priority: 73

**Project Summary**

Local watershed plans were developed using state grant funds issued under chapter 90.82 RCW (Watershed Planning). These plans identify many statewide capital needs, including new projects, rehabilitation of existing water systems, water conservation and acquisition of existing water rights for instream flow and other future needs. Ecology requests reappropriation from the State Building Construction Account for projects previously authorized by the Legislature to finance capital projects and water acquisition strategies for implementing locally developed watershed plans. These projects and acquisitions will help watershed units meet future water needs while achieving recommended instream flows. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** Local entities with an adopted watershed plan or other similar type plan

**RCW that establishes grant:** chapter 90.82 RCW

**Application process used**

A competitive grant process was used for each of the categories funded through this appropriation.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	14,000,000	12,726,000		1,274,000	
	<b>Total</b>	<b>14,000,000</b>	<b>12,726,000</b>	<b>0</b>	<b>1,274,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>20084029</b>	<b>Project Title:</b>	<b>Watershed Plan Implementation and Flow Achievement</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 4:57PM

Project Number: 91000181

Project Title: Skagit Mitigation

**Description**

Starting Fiscal Year: 2013  
 Project Class: Grant - Pass Through  
 Agency Priority: 74

**Project Summary**

This request will fund development of mitigation options and alternative water sources or tools to make water available for stream flows and rural domestic permit-exempt uses within the Skagit River watershed. Ecology will partner with local governments, tribes, the Skagit Public Utility District (PUD) and other local water systems, and affected property owners to develop and implement these projects. Ecology requests reappropriation from the State Building Construction Account to complete water supply projects in the Skagit River basin. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Proviso**

The appropriation in this section is subject to the following conditions and limitations: The appropriation in this section is provided solely for the department to develop mitigation options and alternative water sources or tools to make water available for stream flows and for rural domestic permit-exempt uses within the Carpenter-Fisher, East Nookachamps, and Upper Nookachamps Subbasins. Up to \$100,000 of the amount specified shall be used to develop a rural domestic demonstration project to determine if on-site best management practices, including, but not limited to, rainwater infiltration, water conservation, and low impact development standards, can meet the mitigation requirements of chapter 173-503 WAC and be reasonably and feasibly integrated into rural domestic developments.

**Project Type**

Grants

**Grant Recipient Organization:** Grant funds may be provided to local governments to implement this project

**RCW that establishes grant:** Legislative Appropriation

**Application process used**  
 None

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,225,000	928,000	236,000	1,061,000	
	<b>Total</b>	<b>2,225,000</b>	<b>928,000</b>	<b>236,000</b>	<b>1,061,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>91000181</b>	<b>Project Title:</b>	<b>Skagit Mitigation</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:22PM

Project Number: 30000332

Project Title: Sunnyside Valley Irrigation District Water Conservation

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 75

**Project Summary**

This project is managed by the United States Bureau of Reclamation (USBR) for conservation improvements required by the Sunnyside Division Water Rights Settlement Agreement in the Yakima Basin Water Rights Adjudication. (State of Washington, Department of Ecology vs. James J. Acquavella, et al.) These are multi year projects, and additional funding will be needed to cover our required state match of 17.5 percent of total project costs for the next five biennia: Sunnyside Valley Irrigation District (SVID) Phase 2B project cost estimated at \$80 million (\$14 million Ecology cost share) over a 15 year construction period; Roza project cost estimated at \$20 million (\$3.5 million Ecology cost share) over a six year construction period. Staffing to support Yakima River Basin Water Enhancement Project (YRBWEP) is also included. In 2017-19, Ecology requests reappropriation from the State Building Construction Account to continue the construction schedule for the state's share of the YRBWEP. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Public Agriculture Water Supply Facilities and Federal Government Agency

RCW that establishes grant: None

**Application process used**

Authorization was the Federal Public Law 103 434 and the Yakima Superior Court Adjudication Water Right Settlement.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	3,055,000	7,000	2,019,000	1,029,000	
	<b>Total</b>	<b>3,055,000</b>	<b>7,000</b>	<b>2,019,000</b>	<b>1,029,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000332</b>	<b>Project Title:</b>	<b>Sunnyside Valley Irrigation District Water Conservation</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:36PM

Project Number: 30000431

Project Title: Waste Tire Pile Cleanup and Prevention

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 76

**Project Summary**

Illegally dumped tires in Washington continue to pose public health and environmental threats. Tire piles pose risks for highly toxic fires, and provide habitat for mosquitoes and other disease carriers. Ecology is requesting reappropriation of this project to continue funding preventing and removing waste tire piles, enforcement, and education on tire storage and hauling regulations. (Waste Tire Removal Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** Public entities including cities, counties, irrigation or mosquito ctrl districts, universities, and tribe

**RCW that establishes grant:** chapter 70.95 RCW

**Application process used**

Ecology and public entities work together to provide opportunities for waste tire pile prevention, enforcement, and cleanup across the state of Washington.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
08R-1	Waste Tire Removal A-State	1,000,000		258,000	742,000	
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>258,000</b>	<b>742,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
08R-1	Waste Tire Removal A-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 11:45AM

Project Number: 30000428

Project Title: Reducing Toxic Diesel Emissions

**Description**

Starting Fiscal Year: 2016  
 Project Class: Grant - Pass Through  
 Agency Priority: 77

**Project Summary**

Exposure to diesel exhaust, our state’s number one airborne health threat, increases cancer risk and causes or worsens asthma, heart disease, and lung diseases. Public exposures are notably increased near urban areas, ports, distribution centers, rail yards, and transportation corridors. This is where heavy-duty diesel engines on buses, trucks, locomotives, cargo-handling equipment, and vessels operate close to populated areas. Strategies to reduce these emissions include exhaust retrofits, idle-reduction programs, installing idle-reduction technologies, engine replacement, vehicle/equipment replacement, and fuel-efficiency measures. Installing these technologies greatly reduces public health costs, lessens operating expenses for engine owners, and reduces greenhouse gas emissions. Ecology requests this reappropriation for grants to local entities to reduce diesel emissions in high-risk diesel pollution areas statewide. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2015-17 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: N/A - linked to RCW 70.94.017

**Application process used**

Grant awards will be based on viability of technology proposed, readiness to proceed, percent cost share, and projections of applicant’s diesel and greenhouse gas emissions reduced. Ecology may pass grant money through to local air agencies to manage a grant process, or could manage the process with other federal and state diesel emission reduction projects currently underway at Ecology.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
173-1	State Toxics Control-State	1,000,000		273,000	727,000	
	<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>273,000</b>	<b>727,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
173-1	State Toxics Control-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/9/2016 11:45AM

**Project Number:** 30000428

**Project Title:** Reducing Toxic Diesel Emissions

**Operating Impacts**

---

**No Operating Impact**

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:28PM

Project Number: 30000351

Project Title: Eastern Washington Clean Sites Initiative

**Description**

Starting Fiscal Year: 2014  
 Project Class: Grant - Pass Through  
 Agency Priority: 79

**Project Summary**

Ecology is requesting reappropriation to fund remediation activities on contaminated sites in eastern Washington. It will be used exclusively in eastern Washington to clean up contaminated sites where the responsible party (land user, facility operator or property owner) is either unwilling or unable to pay costs associated with the cleanup activities. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as these sites are re-developed.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: chapter 70.105D RCW

Application process used

None

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
19G-1	ELS Account-State	7,600,000	5,907,000	1,140,000	553,000	
	<b>Total</b>	<b>7,600,000</b>	<b>5,907,000</b>	<b>1,140,000</b>	<b>553,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
19G-1	ELS Account-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 12:57PM

Project Number: 20084008

Project Title: Remedial Action Grants

**Description**

Starting Fiscal Year: 2008  
 Project Class: Grant - Pass Through  
 Agency Priority: 80

**Project Summary**

Ecology received appropriations for Remedial Action Grant funds in 2007-09 for local government toxic waste cleanups at contaminated sites. Ecology requests reappropriation authority for these pass through grants to continue addressing the toxics cleanup need in Puget Sound. The requested reappropriation will support ongoing remedial actions and cleanup of contaminated industrial sites that impact the air, land and water resources of the state. This grant funding protects public and environmental health, creates jobs and promotes economic development by allowing contaminated properties to be redeveloped.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Governments Statewide

RCW that establishes grant: chapter 70.105D RCW

**Application process used**

The intent of remedial action grants and loans is to encourage and speed up the cleanup of contaminated sites and to lessen the effect of the cleanup costs on ratepayers and taxpayers. The grants and loans supplement local government funding for remedial actions. Local Governments can apply for a remedial action grant once an order of decree has been issued to clean up a contaminated site. There is no set application period for oversight remedial action grants; once an order or decree has been issued to a local government, it has 60 days to apply for a grant.

**Growth Management impacts**

None.

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	54,121,000	42,402,000	11,177,000	542,000	
174-1	Local Toxics Control-State	38,875,000	38,875,000			
<b>Total</b>		<b>92,996,000</b>	<b>81,277,000</b>	<b>11,177,000</b>	<b>542,000</b>	<b>0</b>

**Future Fiscal Periods**

Acct Code	Account Title	2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
174-1	Local Toxics Control-State				
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Operating Impacts**

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/9/2016 12:57PM

**Project Number:** 20084008

**Project Title:** Remedial Action Grants

**Operating Impacts**

---

**No Operating Impact**

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Angie Wirkkala</b>		
<b>Phone:</b>	<b>360.407.7219</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>20084008</b>	<b>Project Title:</b>	<b>Remedial Action Grants</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? X Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? X Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? X Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? X Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes X No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes X No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? X Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes X No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes X No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 2:46PM

Project Number: 30000028

Project Title: Watershed Plan Implementation and Flow Achievement

**Description**

Starting Fiscal Year: 2010  
 Project Class: Grant - Pass Through  
 Agency Priority: 82

**Project Summary**

Local watershed plans were developed using state grant funds issued under chapter 90.82 RCW (Watershed Planning). These plans identify many statewide capital needs, including new projects, rehabilitation of existing water systems, water conservation and acquisition of existing water rights for instream flow and other future needs. Ecology requests reappropriation from the State Building Construction Account for projects previously authorized by the Legislature to finance capital projects and water acquisition strategies for implementing locally developed watershed plans. These projects and acquisitions will help watershed units meet future water needs while achieving recommended instream flows. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** Local entities with an adopted watershed plan or other similar type plan

**RCW that establishes grant:** chapter 90.82 RCW

**Application process used**

A competitive grant process was used for each of the categories funded through this appropriation.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	6,000,000	5,506,000	63,000	431,000	
	<b>Total</b>	<b>6,000,000</b>	<b>5,506,000</b>	<b>63,000</b>	<b>431,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>30000028</b>	<b>Project Title:</b>	<b>Watershed Plan Implementation and Flow Achievement</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 2:09PM

Project Number: 19742006

Project Title: Water Supply Facilities

**Description**

Starting Fiscal Year: 1974  
 Project Class: Grant - Pass Through  
 Agency Priority: 83

**Project Summary**

Ecology requests reappropriation from the State and Local Improvements Revolving Account to continue agricultural water supply and conservation projects currently under contract for the Water Supply Facilities Program. These projects will improve the efficiency and reliability of agricultural water supplies throughout the state while protecting and improving streamflows. (State & Local Improvements Revolving Account - Water Supply Facilities (Ref. 38))

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Public Water Supply Facilities

RCW that establishes grant: chapter 43.83B RCW

**Application process used**

The agriculture water supply projects in this program result from use of a competitive process established by 173.170 WAC.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
05W-1	State Drought Prep-State	3,899,000	3,899,000			
072-1	Improv-Water Supply-State	11,512,000	11,167,000	44,000	301,000	
	<b>Total</b>	<b>15,411,000</b>	<b>15,066,000</b>	<b>44,000</b>	<b>301,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
05W-1	State Drought Prep-State					
072-1	Improv-Water Supply-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>072</b>	<b>Fund Name:</b>	<b>State and Local Improvements Revolving Account</b>
<b>Project Number:</b>	<b>19742006</b>	<b>Project Title:</b>	<b>Water Supply Facilities</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 2:06PM

Project Number: 30000265

Project Title: Clean Up Toxics Sites - Puget Sound

**Description**

Starting Fiscal Year: 2012  
 Project Class: Grant - Pass Through  
 Agency Priority: 84

**Project Summary**

Ecology's emphasis on bay wide cleanup in seven priority bays has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done cheaper, better and quicker because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. Ecology requests reappropriation to continue these important Puget Sound cleanup projects. Cleaning up toxic sites and restoring habitat at the same time in and around Puget Sound make an efficient and effective use of state and local resources. In addition, cleaning up these contaminated sites protects public and environmental health, creates jobs and promotes economic development by allowing properties to be redeveloped.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: chapter 70.105D RCW

**Application process used**

This will be a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
173-1	State Toxics Control-State	15,202,000	14,832,000	94,000	276,000	
	<b>Total</b>	<b>15,202,000</b>	<b>14,832,000</b>	<b>94,000</b>	<b>276,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
173-1	State Toxics Control-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 2:38PM

Project Number: 20062003

Project Title: Watershed Plan Implementation and Flow Achievement

**Description**

Starting Fiscal Year: 2006  
 Project Class: Grant - Pass Through  
 Agency Priority: 85

**Project Summary**

Local watershed plans were developed using state grant funds issued under chapter 90.82 RCW (Watershed Planning). These plans identify many statewide capital needs, including new projects, rehabilitation of existing water systems, water conservation and acquisition of existing water rights for instream flow and other future needs. Ecology requests reappropriation from the State Building Construction Account for projects previously authorized by the Legislature to finance capital projects and water acquisition strategies for implementing locally developed watershed plans. These projects and acquisitions will help watershed units meet future water needs while achieving recommended instream flows. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Proviso**

The reappropriation is subject to the provisions in section 136 chapter 371 laws of 2006.

**Project Type**

Grants

**Grant Recipient Organization:** Local entities with an adopted watershed plan or other similar type plan

**RCW that establishes grant:** chapter 90.82 RCW

**Application process used**

A competitive grant process was used for each of the categories funded through this appropriation.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	12,062,000	11,759,000	27,000	276,000	
11W-1	Water Quality C-State	151,000	151,000			
139-1	Water Quality Acct-State	249,000	249,000			
<b>Total</b>		<b>12,462,000</b>	<b>12,159,000</b>	<b>27,000</b>	<b>276,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<b>2019-21</b>	<b>2021-23</b>	<b>2023-25</b>	<b>2025-27</b>	
057-1	State Bldg Constr-State					
11W-1	Water Quality C-State					
139-1	Water Quality Acct-State					
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/8/2016 2:38PM

**Project Number:** 20062003

**Project Title:** Watershed Plan Implementation and Flow Achievement

**Operating Impacts**

---

**No Operating Impact**

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>20062003</b>	<b>Project Title:</b>	<b>Watershed Plan Implementation and Flow Achievement</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 4:00PM

Project Number: 30000323

Project Title: Mercury Switch Removal

**Description**

Starting Fiscal Year: 2014

Project Class: Grant - Pass Through

Agency Priority: 86

**Project Summary**

Each year in Washington, thousands of vehicles containing mercury switches are crushed and shredded. This process releases mercury, a highly toxic substance able to harm people and the environment. During the 2006 legislative session, the Legislature provided \$1 million to fund a collection and recovery program for mercury switches in vehicles. During the 2013 legislative session, the Legislature provided this additional capital funding for \$500,000 and 0.6 FTE. Since 2006, the program has recovered over 220,000 switches containing nearly 500 pounds of mercury. This reappropriation request for the remainder of the \$500,000 will allow Ecology to continue its successful mercury switch removal program during fiscal years 2016-2017, resulting in the safe management of an additional 120 pounds of mercury waste. (State Toxics Control Account).

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

This project requires a total of 0.58 FTE to provide technical assistance and outreach to auto recyclers and scrap processors to maximize business participation, including site visits, updating and distributing guidance documents and Web sites, and participating with national industry associations. This is the same level of FTE currently supporting this capital project in the 2015-17 Biennium.

**Project Type**

Grants

Grant Recipient Organization: Rebates paid to individual businesses that collect mercury switches from vehicles.

RCW that establishes grant: None

**Application process used**

Businesses sign up by completing a form available on Ecology's Web site containing shipping and payment information. Ecology pays the rebate when the national recycling center verifies receipt of the switches.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	500,000	183,000	107,000	210,000	
	<b>Total</b>	<b>500,000</b>	<b>183,000</b>	<b>107,000</b>	<b>210,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
173-1	State Toxics Control-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/9/2016 4:00PM

**Project Number:** 30000323

**Project Title:** Mercury Switch Removal

**Operating Impacts**

---

**No Operating Impact**



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 3:11PM

Project Number: 30000278

Project Title: Yakima Basin Integrated Water Management Plan Implementation

**Description**

Starting Fiscal Year: 2012  
 Project Class: Grant - Pass Through  
 Agency Priority: 87

**Project Summary**

Ecology requests reappropriation from the State Building Construction Account to continue implementation of the Integrated Water Resource Management Plan identified as a result of the Yakima River Basin Water Storage Feasibility study. Projects proposed for inclusion with this first phase of implementation address storage including Wymer Reservoir and Bumping Lake Expansion projects, and fish passage at Cle Elum Dam. Once these projects are completed additional water supplies will be available, and fish passage and habitat will be improved. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: None

RCW that establishes grant: Legislative Appropriation

Application process used  
 None

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,989,000	1,797,000	10,000	182,000	
	<b>Total</b>	<b>1,989,000</b>	<b>1,797,000</b>	<b>10,000</b>	<b>182,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
			<b>Yakima Basin Integrated Water Management Plan Implementation</b>
<b>Project Number:</b>	<b>30000278</b>	<b>Project Title:</b>	

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 1:28PM

Project Number: 20042951

Project Title: Twin Lake Aquifer Recharge Project

**Description**

Starting Fiscal Year: 2004  
 Project Class: Grant - Pass Through  
 Agency Priority: 88

**Project Summary**

Ecology requests reappropriation from the State Building Construction Account to continue the Twin Lakes Aquifer Recharge Project located in the Methow Valley. The project is being undertaken to restore declining aquifer and lake levels in and around Twin Lakes. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Infrastructure Preservation (Minor Works)

**Grant Recipient Organization:** Contracts to private engineering firms using cost reimbursement study contractor pool

**RCW that establishes grant:** Legislative Appropriation

**Application process used**

Use study contractor from the water right cost reimbursement contractor pool.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	749,000	593,000		156,000	
	<b>Total</b>	<b>749,000</b>	<b>593,000</b>	<b>0</b>	<b>156,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>20042951</b>	<b>Project Title:</b>	<b>Twin Lakes Aquifer Recharge Project</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/9/2016 2:04PM

Project Number: 30000217

Project Title: Eastern Washington Clean Sites Initiative

**Description**

Starting Fiscal Year: 2012  
 Project Class: Grant - Pass Through  
 Agency Priority: 89

**Project Summary**

The Legislature funded remediation activities at contaminated sites in eastern Washington in the 2011-13 biennium. This capital initiative is used exclusively in eastern Washington to clean up contaminated sites where the responsible party (land user, facility operator or property owner) is either unwilling or unable to pay costs associated with remediation activities. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as they are redeveloped. Ecology requests reappropriation to continue cleanups at contaminated sites in eastern Washington.

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology

RCW that establishes grant: chapter 70.105D RCW

Application process used

None

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
173-1	State Toxics Control-State	4,634,000	4,177,000	305,000	152,000	
	<b>Total</b>	<b>4,634,000</b>	<b>4,177,000</b>	<b>305,000</b>	<b>152,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
173-1	State Toxics Control-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 2:41PM

Project Number: 20081951

Project Title: Transfer of Water Rights for Cabin Owners

**Description**

Starting Fiscal Year: 2008  
 Project Class: Grant - Pass Through  
 Agency Priority: 90

**Project Summary**

Ecology requests reappropriation from the State Building Construction Account to continue the Transfer of Water Rights for Cabin Owner's project in 2015-17. The request will allow purchase of additional water for domestic water users in the Yakima Basin that have a surface water right with a priority date later than May 10, 1905, as well as purchases for all out-of-priority surface water users in the basin. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Surface water right holders with a priority date after May 10, 1905

RCW that establishes grant: Legislative Appropriation

**Application process used**

This project is targeted toward domestic water users in the Yakima River Basin WRIAs 37, 38, and 39 that have a surface water right with a priority date later than May 10, 1905, as well as for all out of priority surface water users in the Yakima Basin, per the requirements of the 2007-09 Biennial Capital Budget.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	450,000	308,000	25,000	117,000	
	<b>Total</b>	<b>450,000</b>	<b>308,000</b>	<b>25,000</b>	<b>117,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>20081951</b>	<b>Project Title:</b>	<b>Transfer of Water Rights for Cabin Owners</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 2:37PM

Project Number: 20052852

Project Title: Quad Cities Water Right Mitigation

**Description**

Starting Fiscal Year: 2005  
 Project Class: Grant - Pass Through  
 Agency Priority: 91

**Project Summary**

Ecology requests reappropriation from the State Building Construction Account to acquire replacement water to mitigate for issuance of a water right permit to divert Columbia River water for use by the Quad Cities (Pasco, Kennewick, Richland, and West Richland). The mitigation water is needed to ensure the Quad Cities water diversion is not interrupted by periodic low flow conditions. The mitigation funding will partially implement a legal settlement between Ecology and the Quad Cities. These mitigation investments will enable the Quad Cities to have water available for growth and economic development and protect stream flows for fish and other instream uses. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Water Right Holders

RCW that establishes grant: Legislative Appropriation

**Application process used**

Ecology is attempting to acquire existing water rights to meet the mitigation requirement. Once a willing seller is found, Ecology determines the fair market value of the available water to negotiate a value of the water right.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,600,000	1,209,000	275,000	116,000	
	<b>Total</b>	<b>1,600,000</b>	<b>1,209,000</b>	<b>275,000</b>	<b>116,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>20052852</b>	<b>Project Title:</b>	<b>Quad Cities Water Right Mitigation</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 2:44PM

Project Number: 20084026

Project Title: Yakima River Basin Water Storage Feasibility Study

**Description**

Starting Fiscal Year: 2008  
 Project Class: Grant - Pass Through  
 Agency Priority: 92

**Project Summary**

Ecology requests reappropriation from the State Building Construction Account to continue the Yakima River Basin Storage Feasibility Study. The study addresses alternate water storage options in the Yakima River Basin, aimed at improving water supply and augmenting streamflows. The United States Bureau of Reclamation is providing an equal amount for this study as required through the funding agreement with Ecology. (State Building Construction Account)

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Proviso**

The reappropriation in this section is subject to the following conditions and limitations: The reappropriation is provided solely for completion of the U.S. Bureau of Reclamation's Yakima Basin Storage Feasibility Study, including the associated joint National Environmental Policy Act, the State Environmental Policy Act, and environmental impact statement. The reappropriated funds are to be used by the Bureau of Reclamation and the Department of Ecology to evaluate potential in basin storage facilities such as the proposed Bumping Lake and Wymer reservoirs and other reasonable alternatives that will enhance water supplies and streamflows in the Yakima Basin.

**Project Type**

Grants

Grant Recipient Organization: United States Bureau of Reclamation and private contractors

RCW that establishes grant: Legislative Appropriations

**Application process used**

The process for funding this study resulted in an Intergovernmental agreement between the United States Bureau of Reclamation and Ecology with each contributing fifty percent of the project costs.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	4,959,000	4,877,000		82,000	
	<b>Total</b>	<b>4,959,000</b>	<b>4,877,000</b>	<b>0</b>	<b>82,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

**Version:** BI Biennial 17-19 Initial

**Report Number:** CBS002

**Date Run:** 9/8/2016 2:44PM

**Project Number:** 20084026

**Project Title:** Yakima River Basin Water Storage Feasibility Study

---

**Operating Impacts**

**No Operating Impact**

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>057</b>	<b>Fund Name:</b>	<b>State Building Construction Account</b>
<b>Project Number:</b>	<b>20084026</b>	<b>Project Title:</b>	<b>Yakima River Basin Water Storage Feasibility Study</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

\*\*\* *This page intentionally blank.* \*\*\*

Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 2:47PM

Project Number: 30000029

Project Title: Kittitas Groundwater Study

**Description**

Starting Fiscal Year: 2010  
 Project Class: Grant - Pass Through  
 Agency Priority: 93

**Project Summary**

Ecology requests reappropriation from the State and Local Improvements Revolving Account (Water Supply Facilities) to complete the groundwater study in the Upper Yakima River Basin in Kittitas County. Once completed, the study will provide the necessary data to help inform water resource decisions in the basin. (State & Local Improvements Revolving Account - Water Supply Facilities (Ref. 38))

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: Legislative Appropriations

**Application process used**

Negotiation with the local government on selection of study contractor, scope of work, deliverables, and budget.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
072-1	Improv-Water Supply-State	700,000	641,000		59,000	
	<b>Total</b>	<b>700,000</b>	<b>641,000</b>	<b>0</b>	<b>59,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
072-1	Improv-Water Supply-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>072</b>	<b>Fund Name:</b>	<b>State and Local Improvement Revolving Account</b>
<b>Project Number:</b>	<b>30000029</b>	<b>Project Title:</b>	<b>Kittitas Groundwater Study</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.



Capital Project Request

2017-19 Biennium

\*

Version: BI Biennial 17-19 Initial

Report Number: CBS002

Date Run: 9/8/2016 2:36PM

Project Number: 20044006

Project Title: Water Supply Facilities

**Description**

Starting Fiscal Year: 2004  
 Project Class: Grant - Pass Through  
 Agency Priority: 94

**Project Summary**

Ecology requests reappropriation from the State and Local Improvements Revolving Account to continue projects under contract for the Water Supply Facilities Program. This request will enable Ecology to continue work on several agriculture water supply and conservation projects. (State & Local Improvements Revolving Account - Water Supply Facilities (Ref. 38))

**Project Description**

Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through July 2016 Fiscal Month 13. Please refer to the 2013-15 Biennium submission for a detailed project description.

**Project Type**

Grants

**Grant Recipient Organization:** Public Agriculture Water Supply, Cities, and other public entities

**RCW that establishes grant:** chapter 43.83 RCW

**Application process used**

The selection of agricultural water supply projects used a process established by chapter 173.170 WAC. The selection of water storage projects used a competitive grant process established by Ecology to meet the objectives of the Legislature's authorization and the recommendations of the Water Storage Task Force, as well as the Governor's Water Strategy.

**Growth Management impacts**

None

**Funding**

Acct Code	Account Title	Estimated Total	Expenditures		2017-19 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	6,514,000	6,514,000			
072-1	Improv-Water Supply-State	6,509,000	6,458,000	48,000	3,000	
	<b>Total</b>	<b>13,023,000</b>	<b>12,972,000</b>	<b>48,000</b>	<b>3,000</b>	<b>0</b>
<b>Future Fiscal Periods</b>						
		<u>2019-21</u>	<u>2021-23</u>	<u>2023-25</u>	<u>2025-27</u>	
057-1	State Bldg Constr-State					
072-1	Improv-Water Supply-State					
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Operating Impacts**

No Operating Impact

## Expected Use of Bond/COP Proceeds

<b>Agency No.</b>	<b>461</b>	<b>Agency Name</b>	<b>Ecology</b>
<b>Contact Name:</b>	<b>Jim Skalski</b>		
<b>Phone:</b>	<b>360-407-6617</b>	<b>Fax:</b>	
<b>Fund(s) Number:</b>	<b>072</b>	<b>Fund Name:</b>	<b>State and Local Improvement Revolving Account</b>
<b>Project Number:</b>	<b>20044006</b>	<b>Project Title:</b>	<b>Water Supply Facilities</b>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  Yes  No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  Yes  No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  Yes  No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  Yes  No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental\* purposes?  Yes  No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  Yes  No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  Yes  No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  Yes  No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  Yes  No

**\*Nongovernmental purposes is defined in the Glossary and examples provided in Section 4.3 of the Capital Budget Instructions.**

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.