



Washington Department of Ecology

2020 Supplemental Capital Budget



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000

711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

September 20, 2019

TO: David Schumacher, Director
Office of Financial Management (OFM)

FROM: Maia D. Bellon, Director 

CC: See Distribution

SUBJECT: Ecology's 2020 Supplemental **Capital** Budget Request

As the state's lead environmental agency, the mission of the Washington State Department of Ecology (Ecology) is to protect and preserve the environment for current and future generations, while valuing and supporting Washington's economic success. We are tackling challenges that are unique to our times and require us to take a broad and holistic approach to our work that focuses on not only *what* we do, but also *how* we do it.

Ecology's goals are to:

- Protect and restore land, air, and water.
- Prevent pollution.
- Promote healthy communities and natural resources.
- Deliver efficient and effective services.

Attached is Ecology's \$24.7 million 2020 Supplemental Capital Budget request. It reflects a recovering economy, and accounts for changes made to the Model Toxics Control Act (MTCA) and its primary funding source—the Hazardous Substance Tax (HST)—during the 2019 legislative session. The capital budget request is needed to:

- Promote local economic development through the cleanup of contaminated sites for redevelopment.
- Create jobs.
- Address local environmental and public health priorities.

Our capital budget request is supported entirely by Model Toxics Control Capital Account funds.

ESSB 5993: Reforming the financial structure of the model toxics control program.

The passage of Engrossed Substitute Senate Bill (ESSB) 5993 (Chapter 422, Laws of 2019) made major changes to the MTCA accounts and the HST. As described in section 101 of the bill, its purpose was to update the Model Toxics Control Program and its primary funding mechanism through the following changes:

- Increase funding for programs and projects related to clean air, clean water, and toxic cleanup and prevention, with specific focus on stormwater pollution.
- Provide distinct and transparent financial separation of capital and operating budget funding.
- Improve the transparency and visibility of operating and capital project expenditures under the program.
- Eliminate the volatility of HST revenues by moving to a volumetric rate for petroleum products.

Account Changes

ESSB 5993 eliminated the three prior MTCA Accounts—the State Toxics Control Account (STCA), the Local Toxics Control Account (LTCA), and the Environmental Legacy Stewardship Account (ELSA)—replacing them with three new accounts—the Model Toxics Control Operating Account, the Model Toxics Control Capital Account, and the Model Toxics Control Stormwater Account.

Authorized uses for the new accounts are similar to the prior MTCA accounts. After consultation with the Attorney General’s Office, Ecology determined that all of the agency’s uses of prior MTCA accounts for the purposes provided are authorized under the bill, and the purposes of the chapter under RCW 70.105D.010.

Revenue Changes

ESSB 5993 changed the HST structure for liquid petroleum products from a value-based tax to a volume-based tax. Beginning July 1, 2019, the HST rate on petroleum products is \$1.09 per barrel, and will increase annually by the Implicit Price Deflator (IPD) for Non-residential Structures¹ starting July 1, 2020 (Fiscal Year 2021). The HST applied to all non-liquid petroleum products remains taxed at seven-tenths of one percent of the wholesale value of the substance.²

The first \$50 million per biennium of the liquid petroleum tax revenue—Sec. 201(1)(b) of the bill—will be deposited by the Department of Revenue (DOR) into the Motor Vehicle Fund to be

¹ The Department of Revenue (DOR) will use the IPD for non-residential structures published each March by the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) for the prior calendar year to set the new per-barrel rate for the upcoming fiscal year.

² DOR tax forms require taxpayers to identify liquid petroleum on a separate line from non-liquid and other substances.

used exclusively for transportation stormwater purposes, until a new \$2 billion “additive transportation funding act” is passed by the Legislature.

The tax on liquid petroleum products—after first depositing the \$50 million to the Motor Vehicle Fund—will be deposited into the new MTCA accounts established under the bill as follows:

- 60% into the Model Toxics Control Operating Account
- 25% into the Model Toxics Control Capital Account
- 15% into the Model Toxics Control Stormwater Account

Revenue from all other substances—pesticides, gaseous, and solid petroleum products not measurable by the gallon—will still be taxed at seven-tenths of one percent of the wholesale value of the substance, and will be deposited into the MTCA Capital Account.

A Conservative Approach

Ecology was conservative in building its 2020 Supplemental Budget requests supported by MTCA, understanding that August 2019 was the first month of revenue collections under the new HST structure, and much is still unknown about how ESSB 5993 will affect future revenue collections. As we learn more about how actual revenue collections come in over the next few years, Ecology looks forward to working with the Governor’s office and Legislature in determining how best to use the funding available to address the state’s environmental priorities.

Placeholders

2020 Drought Declaration

Each year, Ecology assesses the need for emergency drought funding to assist local governments. While the water year begins November 1 of each year, conditions can change rapidly throughout the winter and spring; which means a decision on drought and its severity may not be made until early April. If a drought is projected, Ecology will submit a request during the 2020 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.

Thank you for considering Ecology’s 2020 Supplemental Capital Budget request. We will work with our assigned OFM capital budget analysts as they review this request in detail. Please let us know if you have questions.

Attachment

David Schumacher, Director

September 20, 2019

Page 4

Distribution to:

GOV: JT Austin, Senior Policy Advisor, Natural Resources, Office of the Governor
Jim Baumgart, Senior Policy Advisor, Human Services, Office of the Governor
Chris Davis, Senior Policy Advisor, Climate & Energy Affairs, Office of the Governor
Jennifer Hennessey, Senior Policy Advisor, Ocean (statewide), Office of the Governor
Lauren McCloy, Senior Policy Advisor, Energy, Office of the Governor
Keith Phillips, Policy Director, Office of the Governor

LEG: Richelle Geiger, Fiscal Analyst, House Capital Budget Committee
Jed Herman, Fiscal Analyst, Senate Ways & Means Committee
Dan Jones, Fiscal Analyst, House Appropriations/Natural Resources Committee
Lisa McCollum, Legislative Assistant, House Appropriations Committee
Richard Ramsey, Capital Budget Coordinator, Senate Ways and Means Committee

OFM: Myra Baldini, Budget Assistant to the Governor, OFM
Lisa Borkowski, Budget Assistant to the Governor, OFM
Jim Cahill, Senior Budget Assistant to the Governor, OFM
Jennifer Masterson, Senior Budget Assistant to the Governor, OFM

ECY: Denise Clifford, Governmental Affairs Director, Department of Ecology
Erik Fairchild, Chief Financial Officer, Department of Ecology
Garret Ward, Budget Policy Manager, Department of Ecology

Washington Department of Ecology

2020 Supplemental Budget

Capital Budget

Table of Contents

Summary Information

1. Capital Budget Proposal Summary and Ranking (Spreadsheet)..... 8
2. Ten Year Capital Plan Summary 9
3. Capital Requests Related to Puget Sound Action Agenda..... 10

Grant/Other Projects

Prevent and Reduce Toxic Threats

1. 40000286 2020 Eastern Washington Clean Sites Initiative..... 11
2. 40000288 2020 Remedial Action Grants..... 19

Capital

2020 Supplemental Budget Request
Summary and Ranking

9/20/2019 \$ in thousands - Annual FTEs

		FTE	SBCA	MTCA Capital	Other	Total
Prevent and Reduce Toxic Threats						
1	40000286 2020 Eastern Washington Clean Sites Initiative - Pasco Landfill	-		1,000		1,000
2	40000288 2020 Remedial Action Grants	-		23,700		23,700
Total Enacted Capital Budget		-	-	24,700	-	24,700

**461 - Department of Ecology
Ten Year Capital Plan by Project Priority
2019-21 Biennium**

*

Version: S1 2020 Supplemental

Report Number: CBS001

Date Run: 9/12/2019 6:45AM

Project by Agency Priority

<u>Priority</u>	<u>Project by Account-EA Type</u>	<u>Estimated Total</u>	<u>Prior Expenditures</u>	<u>Current Expenditures</u>	<u>Reapprop 2019-21</u>	<u>New Approp 2019-21</u>	<u>Estimated 2021-23</u>	<u>Estimated 2023-25</u>	<u>Estimated 2025-27</u>	<u>Estimated 2027-29</u>
1	40000286 2020 Eastern Washington Clean Sites Initiative									
	23N-1 MTC Capital Account-State	1,000,000				1,000,000				
2	40000288 2020 Remedial Action Grants									
	23N-1 MTC Capital Account-State	23,700,000				23,700,000				
Total		24,700,000				24,700,000				

Total Account Summary

<u>Account-Expenditure Authority Type</u>	<u>Estimated Total</u>	<u>Prior Expenditures</u>	<u>Current Expenditures</u>	<u>Reapprop 2019-21</u>	<u>New Approp 2019-21</u>	<u>Estimated 2021-23</u>	<u>Estimated 2023-25</u>	<u>Estimated 2025-27</u>	<u>Estimated 2027-29</u>
23N-1 MTC Capital Account-State	24,700,000				24,700,000				

Department of Ecology
2020 Supplemental Capital Budget Requests Supporting the Puget Sound Action Agenda

September 5, 2019

Project Request	Sub-strategy	Vital Sign Regional Priorities	Ongoing Program	2018 Near Term Action (NTA)	Puget Sound Dollars	Total Request Dollars
1. 40000288 2020 Remedial Action Grants	<ul style="list-style-type: none"> •10.3 Fix problems caused by existing development •21.2 Clean up contaminated sites within and near Puget Sound 	TIF1.1 TIF3.1	TCP - Remedial Action Grant Program		\$ 19,647,000	\$ 23,700,000
Total Capital Requests in Support of the Puget Sound Action Agenda					\$ 19,647,000	\$ 23,700,000

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 10:52AM

Project Number: 4000286

Project Title: 2020 Eastern Washington Clean Sites Initiative

Description

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 1

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 funding will continue the initiative to have a statewide cleanup program by making investments outside of the Puget Sound Basin and Western Washington. (Model Toxics Control Capital Account)

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

Ecology is requesting that \$1 million be added in the 2020 Supplemental to Ecology's Eastern Washington Clean Sites Initiative to support Franklin County in their remediation activities at the Pasco Landfill. The Pasco Sanitary Landfill site has historically accepted and placed industrial waste, as well as municipal solid waste (MSW), in several Zones (Zones A through E) throughout the landfill. An estimated 35,000 55-gallon drums of flammable solvent and paint sludge, degreasers, and other hazardous materials were placed in Zone A of the landfill. Underground temperatures within Zone A indicate smoldering or subsurface combustion has occurred in the recent past. Ecology is requiring the potentially liable persons (PLPs) to proceed with a final full-site cleanup action under a consent decree. This cleanup action will include removal and off-site disposal of approximately 35,000 buried drums containing a large variety of industrial wastes.

The site has more than 30 PLPs. An abbreviated list of Industrial Waste Area Generators Group or IWAG (PLPs for Zones A through E) includes Boeing, PACCAR, Simpson Timber, 3M, Weyerhaeuser, and the federal government (DoD-Navy and Air Force, and Agriculture-Forest Service). The municipal waste portion of the landfill is comprised of a PLP group called the Landfill Group, which mostly includes land owners, many of which were past operators. Franklin County has been named a PLP, due to their disposal of wastes at the site.

Ecology has been working with PLPs to develop a mutually agreeable scope of work for a site-wide cleanup approach and work through legal language for a consent decree. In early March 2019, Ecology submitted a draft Scope of Work (SOW) to the PLPs that describes the remediation requirements for all areas of the site.

Ecology is also developing a draft Cleanup Action Plan (dCAP) that provides Ecology's final analysis and decision for the final remedies at each site area. Once the dCAP is complete, Ecology will enter negotiations with the PLPs for the consent decree, dCAP, and SOW. Once negotiations are complete and the PLPs sign the consent decree, Ecology will give the public opportunity to comment on the documents. Assuming no changes are required based on public input, Ecology and the Office of the Attorney General will sign the decree and it will be entered into court. It is Ecology's and the PLPs' goal to begin Zone A excavation work in 2020.

What opportunity or problem is driving this request?

The Eastern Washington Clean Sites Initiative was created to ensure projects throughout the state, not just the Puget Sound area, receive funding for remediation activities on contaminated sites. Providing state funding support to Franklin County will help an Eastern Washington community impacted by hazardous substances.

What are the specific benefits of this project?

Cleaning up contaminated sites in Eastern Washington will yield the following benefits:

- Reduced exposure of hazardous substances to the environment and public as work progresses on these sites.
- Economic redevelopment as abandoned sites move through the cleanup process.

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 10:52AM

Project Number: 40000286

Project Title: 2020 Eastern Washington Clean Sites Initiative

Description

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.

What are the effects of non-funding?

Franklin County is one of the named parties that will need to reach agreement on the cleanup. If they do not agree to the cleanup, and the State is unable to assist them with their estimated contribution to the cleanup costs, there could be a continued delay for drum removal at this site. Providing them with this funding will help move final negotiations forward.

Why is this the best option or alternative?

The negotiations with the major parties of this site are occurring summer 2019. The remediation is expected to start in 2020. Franklin County is one of the named parties at the Pasco Landfill site and will want to settle their liability. State assistance to Franklin County funded through this request will ensure their estimated contribution is met.

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

Local governments and the community will be positively affected as contaminated sites are returned to use, benefiting the local economy.

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

Ecology requests funding from the MTCA Capital Account for this project. The passage of ESSB 5993 (Chapter 422, Laws of 2019) in 2019 made major changes to the MTCA accounts and the Hazardous Substance Tax (HST). As described in section 101 of the bill, its purpose was to update the model toxics control program and its primary funding mechanism, through the following changes:

- Increase funding for programs and projects related to clean air, clean water, toxic cleanup, and prevention, with specific focus on stormwater pollution;
- Provide distinct and transparent financial separation of capital and operating budget funding;
- Improve the transparency and visibility of operating and capital project expenditures under the program;
- Eliminate the volatility of HST revenues by moving to a volumetric rate for petroleum products.

ESSB 5993 eliminated the three prior MTCA Accounts, State Toxics Control Account (STCA), Local Toxics Control Account (LTCA), and the Environmental Legacy Stewardship Account (ELSA), replacing them with three new accounts: Model Toxics Control Operating Account, Model Toxics Control Capital Account, and the Model Toxics Control Stormwater Account.

ESSB 5993 changed the HST structure for petroleum products from a value-based to a volume-based tax. Beginning July 1, 2019, the HST rate on petroleum products is \$1.09 per barrel, and will increase annually by the Implicit Price Deflator (IPD) for Non-residential Structures starting July 1, 2020 (Fiscal Year 2021). The HST applied to all non-petroleum products remains taxed at 7/10th of 1% of the wholesale value of the substance.

The first \$50 million per biennium of the liquid petroleum tax revenue (Sec. 201(1)(b) of the bill) will be deposited by Department of Revenue (DOR) into the Motor Vehicle Fund to be used exclusively for transportation stormwater purposes until a new \$2 billion "additive transportation funding act" is passed by the Legislature.

The tax on liquid petroleum products, after first depositing the \$50 million to the Motor Vehicle Fund, will be deposited into the new MTCA accounts established under the Bill as follows:

- 60 percent into the MTCA Operating Account

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 10:52AM

Project Number: 40000286

Project Title: 2020 Eastern Washington Clean Sites Initiative

Description

- 25 percent into the MTCA Capital Account
- 15 percent into the MTCA Stormwater Account

Revenue from all other substances (pesticides, gaseous and solid petroleum products not able to be measured by gallon, etc.), still taxed at 7/10th of 1% of the wholesale value of the substance, will be deposited into the MTCA Capital Account.

Under ESSB 5993, the revenue Ecology collects into MTCA for Cost Recovery and Penalties also changed. Cost Recovery revenue is directed to be deposited into the MTCA Capital Account, and Penalty revenue is directed to be deposited into the MTCA Operating Account.

This request is consistent with the purposes of MTCA, Chapter 70.105D RCW, and is supported by projected available revenue in the MTCA Capital Account. This the best funding option because it will continue cleanup investments that protect human health and natural resources and support economic redevelopment in Eastern Washington.

Are FTEs required to support this project?

No FTEs are required.

How does the project support the agency and statewide results?

This project supports a priority in the agency’s strategic plan by supporting the priority to Prevent and Reduce Toxic Threats. It contributes resources to continue activity A005, Clean Up the Most Contaminated Sites First (Upland and Aquatic).

This request is essential to support the Governor’s priorities related to the environment and the Results Washington Goal: 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.

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

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

Local governments and the community 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.

Location

City: Statewide

County: Statewide

Legislative District: 098

Project Type

Grants

461 - Department of Ecology
Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 10:52AM

Project Number: 40000286

Project Title: 2020 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		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
23N-1	MTC Capital Account-State	1,000,000				1,000,000
	Total	1,000,000	0	0	0	1,000,000

		Future Fiscal Periods			
		2021-23	2023-25	2025-27	2027-29
23N-1	MTC Capital Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProjects

SubProject Number: 40000287

SubProject Title: Pasco Landfill

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 10:52AM

Project Number: 40000286

Project Title: 2020 Eastern Washington Clean Sites Initiative

SubProjects

SubProject Number: 40000287

SubProject Title: Pasco Landfill

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 1

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 funding will continue the initiative to have a statewide cleanup program by making investments outside of the Puget Sound Basin and Western Washington. (Model Toxics Control Capital Account)

Project Description

Zone A of the landfill has 35,000 drums of flammable hazardous substances that are/have been leaking to groundwater. Evidence shows the hazardous substances are or have already been burning in the landfill. Ecology is seeking drum removal by the potentially liable parties and this request will support Franklin County's estimated contribution as a PLP at the site.

Location

City: Pasco

County: Franklin

Legislative District: 009

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			2019-21 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
23N-1	MTC Capital Account-State	1,000,000				1,000,000
	Total	1,000,000	0	0	0	1,000,000

Future Fiscal Periods

Acct Code	Account Title	2021-23	2023-25	2025-27	2027-29
23N-1	MTC Capital Account-State				
	Total	0	0	0	0

Operating Impacts

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 10:52AM

Project Number: 40000286

Project Title: 2020 Eastern Washington Clean Sites Initiative

SubProjects

SubProject Number: 40000287

SubProject Title: Pasco Landfill

No Operating Impact

Ecology 2020 Supplemental Budget Project List
Toxics Cleanup Program
Eastern Washington Clean Sites Initiative
 July 16, 2019



Purpose: This list provides project details about the 2020 Eastern Washington Clean Sites Initiative budget request. This list represents cleanup projects that are underway and need funding to support 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	Csid	Project	Project Description	Phase of Cleanup	Ecology Proposed	Site Address	City	County	Leg. District	WRIA	Latitude	Longitude
1	1910	Pasco Landfill	Zone A of the landfill has 35,000 drums of flammable hazardous substances that are/have been leaking to groundwater. Evidence shows the hazardous substances are or have already been burning in the landfill. Ecology is seeking drum removal by the potentially liable parties and this request will support Franklin County's estimated contribution as a PLP at the site.	Cleanup	1,000,000	Kahlotus Road & Hwy 12	Pasco	Franklin	9	36 - Esquatzel Coulee	46.252	-119.054
Total 2020 Supplemental Budget Request					1,000,000							

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

Description

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

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

Ecology is requesting \$23.7 million for pass-through grants to local governments. Ecology's primary tool for helping local governments clean up contaminated sites is the RAG program. The purpose of this program is to expedite contaminated site cleanup and redevelopment and ease the financial impact of cleanup on local ratepayers and taxpayers. The funding is intended to supplement funding from local governments and other sources, including insurance and contribution claims. Cleaning up contaminated sites protects 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.
- Preserving farmland.

Ecology worked with local governments to estimate the 2019-21 local government toxic site cleanup needs. Local governments self-reported an estimated total state share need of \$174 million for the 2019-21 Biennium. Ecology published the 2018 Model Toxics Control Act (MTCA) Accounts Ten-Year Financing Report in October 2018. The report provided a long-term view of cleanup needs. The report estimated the total RAG need (state share) for the ten-year period to be \$781 million.

This RAG request of \$23.7 million for the 2020 supplemental would bring the total amount of new RAG funding in the 2019-21 Biennium to \$72 million. The historical funding level of the program has averaged \$63.5 million each biennium since 2007. This proposed funding level is to support cleanups that are underway. Many of the projects have been waiting for state funding to stabilize while Ecology managed the MTCA revenue shortfall.

There are two categories of grants included in this 2020 supplemental request:

1. Oversight RAGs 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.

2. Integrated Planning Grants provide funding to conduct assessments of contaminated sites and develop integrated project plans for their cleanup and reuse. Ecology may fund up to 100 percent of the eligible project costs.

MTCA's cleanup process informs project prioritization. Ecology 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

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

Description

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. Remedial Investigation: Remedial investigations define the nature, extent, and magnitude of contamination on all projects.
3. Feasibility Study: Feasibility studies are conducted on all projects and include alternative analysis, cost-benefit analysis, long-term or lifecycle cost analysis, and cleanup technology preferences.
4. Cleanup Action Plan: Information from the remedial investigation and feasibility study is 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. That means 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 2013, Second Engrossed Substitute Senate Bill 5296 (2ESSB 5296) made a number of changes to MTCA. This led Ecology to revise the RAG rule, which took effect on September 29, 2014 (Chapter 173-322A WAC). During the RAG rulemaking process, Ecology worked with stakeholders to develop site selection and prioritization criteria.

When developing the project list, Ecology applies the site selection and prioritization criteria that is outlined in the rule.

Beginning in February 2018, Ecology's process to apply these criteria followed three major activities:

1. Solicited projects from local governments and jurisdictions. In February 2018, Ecology opened a statewide project solicitation and notified jurisdictions that might own contaminated sites. Ecology alerted them they could be responsible for investigating and cleaning up those sites, and they might be eligible for funding through the RAG Program to help pay for those costs. In the solicitation, Ecology asked local governments to provide sufficient information to help determine project eligibility and funding priority. The information received – both total funding needs and cleanup process information – was "self-reported." This means that, in most cases, documentation supporting their solicitation responses was not required by or provided to Ecology.
2. Reviewed solicitation responses. Cleanup project managers reviewed the information received from the solicitation and updated any "self-reported" data with more current or additional information Ecology knew about the site. Cleanup project managers also provided Ecology-specific information. For example, a component of a project's readiness to proceed is whether Ecology has a cleanup project manager assigned to oversee the cleanup. After cleanup project managers completed their review, Ecology's regional section managers then reviewed funding amounts and sized the requested amounts, while considering a project's scope of work and the project's funding needs within the biennium.
3. Developed and implemented a ranking/prioritization process. The following steps describe the prioritization process Ecology used for oversight remedial action grants. Prioritization for other grant types followed the same general process.

Step 1. Ecology grouped all projects into three categories according to the funding priorities outlined in rule (WAC 173-322A-210).

- a. Oversight remedial action grants and loans under an existing extended grant agreement. For 2019-21, this category did not include any projects, because Ecology has not entered any extended grant agreements.
- b. Site assessment grants and other remedial action grants and loans for previously funded projects, if substantial progress has

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

Description

been made. This category includes any ongoing projects that have been receiving RAG funding. Site assessments are not a grant category for the 2019-21 Biennium. Ecology discontinued the local health department Site Hazard Assessment grant program in 2017-19 due to funding uncertainty in the capital budget created by the MTCA revenue shortfall.

c. Remedial action grants and loans for new projects.

Step 2. Ecology ranked the projects within the two applicable funding priority categories (b and c, above) and applied eight funding criteria noted below. The resulting ranks were based on both the local governments' "self-reported" information and Ecology's cleanup project manager review.

- a. The threat posed by the hazardous waste site to human health and the environment.
- b. The hazardous waste site land reuse potential.
- c. Whether the local government is a prospective purchaser of a brownfield property within a Redevelopment Opportunity Zone.
- d. The ability of the grant to expedite cleanup of the hazardous waste site.
- e. The readiness of the applicant to start and complete the work.
- f. The ability of the grant to leverage other public or private funding.
- g. The distribution of grants throughout the state and to various types and sizes of local governments.
- h. Whether the hazardous waste site is located within a highly impacted community.

In addition, Engrossed Substitute Senate Bill (ESSB 5993) was passed in the 2019 Legislative Session and reformed the funding structure of the Model Toxics Control Act accounts. One of the changes includes a requirement that Ecology only award RAGs for a remedial action if the local government has obtained all of the required permits within one year of the effective date of the enacted budget (Chapter 422, Laws of 2019, Section 203(5)). Ecology has reviewed its project list and ensured projects are ready to proceed under this new requirement.

Funding List: After a review of project amounts, the funding list equals \$23.7 million. A detailed project list is attached.

What opportunity or problem is driving this request?

RAGs 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.

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 project where the cleanup site is the focal point of the project.

This request will also provide economic benefits to the state by creating up to 259 jobs during the next two years based on Office of Financial Management estimates.

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

Description**What are the effects of non-funding?**

The RAG 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 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.

Why is this the best option or alternative?

One of Ecology's three environmental goals is to clean up pollution, and the RAG program is an integral part of cleaning up the most contaminated sites to protect and improve the lives of people and the environment. The RAG 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. With the passage of ESSB 5993, LTCA was replaced with the Model Toxics Control Capital Account. Funding with the MTCA Capital Account is the best option, because it will continue cleanup investments that protect human health and natural resources and support economic redevelopment in Washington.

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

This request will continue to provide funding to meet local government RAG needs. This funding will help local governments clean up contaminated properties for redevelopment and provide an economic benefit to the community.

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

Ecology requests funding from the MTCA Capital Account for this project. The passage of ESSB 5993 (Chapter 422, Laws of 2019) in 2019 made major changes to the MTCA accounts and the Hazardous Substance Tax (HST). As described in section 101 of the bill, its purpose was to update the model toxics control program and its primary funding mechanism, through the following changes:

- Increase funding for programs and projects related to clean air, clean water, toxic cleanup, and prevention, with specific focus on stormwater pollution;
- Provide distinct and transparent financial separation of capital and operating budget funding;
- Improve the transparency and visibility of operating and capital project expenditures under the program;
- Eliminate the volatility of HST revenues by moving to a volumetric rate for petroleum products.

ESSB 5993 eliminated the three prior MTCA Accounts, State Toxics Control Account (STCA), Local Toxics Control Account (LTCA), and the Environmental Legacy Stewardship Account (ELSA), replacing them with three new accounts: Model Toxics Control Operating Account, Model Toxics Control Capital Account, and the Model Toxics Control Stormwater Account.

ESSB 5993 changed the HST structure for petroleum products from a value-based to a volume-based tax. Beginning July 1, 2019, the HST rate on petroleum products is \$1.09 per barrel, and will increase annually by the Implicit Price Deflator (IPD) for Non-residential Structures starting July 1, 2020 (Fiscal Year 2021). The HST applied to all non-petroleum products remains taxed at 7/10th of 1% of the wholesale value of the substance.

The first \$50 million per biennium of the liquid petroleum tax revenue (Sec. 201(1)(b) of the bill) will be deposited by Department of Revenue (DOR) into the Motor Vehicle Fund to be used exclusively for transportation stormwater purposes until a new \$2 billion "additive transportation funding act" is passed by the Legislature.

The tax on liquid petroleum products, after first depositing the \$50 million to the Motor Vehicle Fund, will be deposited into the new MTCA accounts established under the Bill as follows:

- 60 percent into the MTCA Operating Account

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

Description

- 25 percent into the MTCA Capital Account
- 15 percent into the MTCA Stormwater Account

Revenue from all other substances (pesticides, gaseous and solid petroleum products not able to be measured by gallon, etc.), still taxed at 7/10th of 1% of the wholesale value of the substance, will be deposited into the MTCA Capital Account.

Under ESSB 5993, the revenue Ecology collects into MTCA for Cost Recovery and Penalties also changed. Cost Recovery revenue is directed to be deposited into the MTCA Capital Account, and Penalty revenue is directed to be deposited into the MTCA Operating Account.

This request is consistent with the purposes of MTCA, Chapter 70.105D RCW. This cleanup law includes a grant program to help local governments clean up contaminated sites by establishing MTCA Capital Account funds for remedial action projects. This request is supported by projected available revenue in the MTCA Capital Account. This request finances and speeds up the cleanup process and allows more sites to be cleaned up through grants. The grant funds to local governments provide 50 percent to 75 percent of total project costs with local funding covering the difference.

The 2018 MTCA Ten-Year Financing Report included funding needs for a ten-year period starting in the 2091-21 biennium through the 2027-29 biennium. The estimates in the report total \$781 million for the state.

The ten-year plan estimates in this request equal \$63.5 million per biennium, beginning in 2021-23.

Funding for this request includes \$15,000 to maintain and update the grant or loan applications for these grant types in the agency's systems.

Are FTEs required to support this project?

No capital FTEs are required for this 2020 supplemental request. The 2019-21 Biennium RAG funding includes 4.03 FTEs dedicated to grant management, cash management, and capital budget coordination for Ecology.

How does the project support the agency and statewide results?

This request is essential to implementing a priority in Ecology's strategic plan to Prevent and Reduce Toxic Threats because it contributes resources to continue activity A005, "Clean Up the Most Contaminated Sites First (Upland and Aquatic)".

This request supports Governor Inslee's Executive Order 18-02, Southern Resident Killer Whale Recovery and Task Force, by supporting cleanup projects that reduce legacy toxic contaminants in Puget Sound. This contamination is listed as one of the three primary factors threatening the Southern Resident population.

This request provides essential support to the Governor's Results Washington Goal Sustainable Energy and a Clean Environment by cleaning up and managing contaminated sites to reduce threats to public health, the environment, groundwater, and fish and wildlife resources.

This request also supports the Governor's Results Washington Goal Prosperous Economy by redeveloping contaminated land and creating jobs that support economic growth in communities.

Ecology's work to clean up contaminated sites returns a polluted or degraded environment to a healthy, self-sustaining ecosystem. Through the RAG program, Ecology works in partnership with local governments to fund remedial actions at contaminated sites in Puget Sound. This request supports Puget Sound Action Agenda implementation through:

- Strategy 10 - Use a comprehensive approach to manage urban stormwater runoff at the site and landscape scales.
- Sub-strategy 10.3 - Fix problems caused by existing development.
- Vital Sign Regional Priority TIF3.1 - Provide infrastructure and incentives to accommodate new development and

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

Description

redevelopment within urban growth areas.
 - Strategy 21 - Address and clean up cumulative water pollution impacts in Puget Sound.
 - Sub-strategy 21.2 - Clean up contaminated sites within and near Puget Sound by reducing and controlling the sources of pollution.
 - Vital Sign Regional Priority TIF1.1 - Enhance pollutant reduction programs, corrective measures and increase authorities and programs to prevent toxic chemicals from entering Puget Sound.

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

This request will continue to provide funding to meet local government RAG needs. This funding will help local governments clean up contaminated properties for redevelopment and provide an economic benefit to the community.

The costs of remediating hazardous waste sites are often beyond the financial means of local governments and ratepayers. The RAG program supplements 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?

There is no impact to the state operating budget.

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	23,700,000				23,700,000
	Total	23,700,000	0	0	0	23,700,000

Future Fiscal Periods

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

Funding				
	2021-23	2023-25	2025-27	2027-29
23N-1 MTC Capital Account-State				
Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProjects

SubProject Number: 40000289

SubProject Title: Whitmarsh (March Point) Landfill

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

Whitmarsh Landfill was used as an unregulated dump. In 2009, Skagit County entered into an agreed order with Ecology. Skagit County formed a Potentially Liable Party (PLP) group to complete the remedial investigation/feasibility study in 2017 and prepare the draft cleanup action plan (dCAP). The PLP group is working on the dCAP that will be completed in 2018; apply for the necessary permits in late 2018/2019; complete the engineering design report and plan to begin the construction in the summer of 2019 or 2020. Habitat restoration will also be done along the shoreline.

Location

City: Anacortes

County: Skagit

Legislative District: 040

Project Type

Grants

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000289

SubProject Title: Whitmarsh (March Point) 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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	2,500,000				2,500,000
	Total	2,500,000	0	0	0	2,500,000

Future Fiscal Periods

Acct Code	Account Title	2021-23	2023-25	2025-27	2027-29
		23N-1	MTC Capital Account-State	0	0
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000290

SubProject Title: Harris Avenue Shipyard

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000290

SubProject Title: Harris Avenue Shipyard

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

This ten-acre contaminated upland and in-water sediment site is located on the Bellingham waterfront. Contamination is from historic shipbuilding and maintenance activities.

Current site tenants include small boat manufacturing; light manufacturing; ship repair; and dry dock.

Significant cleanup work was recently completed in a portion of the site as part of an Ecology approved interim action. Additional funds are needed to complete engineering design work to address contamination throughout the rest of the site.

Design activities are expected to be complete by the end of the 19-21 biennium.

Location

City: Bellingham

County: Whatcom

Legislative District: 040

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000290

SubProject Title: Harris Avenue Shipyard

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	1,248,000				1,248,000
	Total	1,248,000	0	0	0	1,248,000

Future Fiscal Periods

	Future Fiscal Periods			
	2021-23	2023-25	2025-27	2027-29
23N-1 MTC Capital Account-State				
Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000291

SubProject Title: Parcel 15 Remediation (Portac Inc)

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

The cleanup site formerly operated as a log yard and sawmill from 1974 to 2011. Waste from the former ASARCO smelter was also used as ballast on the property. Heavy metal contamination seeped to the soil and surrounding surface water. The contamination has been capped and monitored and a remedial investigation/feasibility study is being completed. This project will complete an interim action.

Location

City: Tacoma

County: Pierce

Legislative District: 027

Project Type

Grants

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000291

SubProject Title: Parcel 15 Remediation (Portac Inc)

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	1,000,000				1,000,000
	Total	1,000,000	0	0	0	1,000,000

Future Fiscal Periods

Acct Code	Account Title	2021-23	2023-25	2025-27	2027-29
		23N-1	MTC Capital Account-State		
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000292

SubProject Title: Western Port Angeles Harbor & MTCA Design & Cleanup Construction

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000292

SubProject Title: Western Port Angeles Harbor & MTCA Design & Cleanup Construction

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

In 2008, Ecology launched an investigation of Port Angeles Harbor through the Puget Sound Initiative. The harbor sediments investigation found many types of pollutants that may pose a threat to human health and the environment, including fisheries and shellfish beds. The harbor sediments investigation showed separate sources of contamination in Western Port Angeles Harbor and the Rayonier Mill study area. Funding for the 2019-2021 biennium would produce an engineering design.

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	2,250,000				2,250,000
	Total	2,250,000	0	0	0	2,250,000

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000292

SubProject Title: Western Port Angeles Harbor & MTCA Design & Cleanup Construction

	Future Fiscal Periods			
	2021-23	2023-25	2025-27	2027-29
23N-1 MTC Capital Account-State				
Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000293

SubProject Title: Lora Lake Apartments

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

The Lora Lake site is adjacent to the northwest corner of SeaTac International Airport. Contaminated sediments will be capped by filling the lake with approximately 38,500 cubic yards of clean fill, and restoring it to a wetland similar to the surrounding area. The fill will be engineered in such a way to immobilize the dioxin currently contained in the lake sediments to minimize impacts to aquatic life.

Other cleanup activities will continue to address site-wide contamination include arsenic, lead, total petroleum hydrocarbons (TPH), pentachlorophenol (PCP), carcinogenic polycyclic aromatic hydrocarbons (cPAHs), ethylbenzene, toluene, and dioxins/furans.

Location

City: Burien

County: King

Legislative District: 033

Project Type

Grants

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000293

SubProject Title: Lora Lake Apartments

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	3,340,000				3,340,000
	Total	3,340,000	0	0	0	3,340,000

Future Fiscal Periods

Acct Code	Account Title	2021-23	2023-25	2025-27	2027-29
		23N-1	MTC Capital Account-State	0	0
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000294

SubProject Title: Alexander Avenue Petroleum Tank Facilities

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000294

SubProject Title: Alexander Avenue Petroleum Tank Facilities

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

The site was operated as two adjacent bulk petroleum storage and distribution centers from the 1930s through the 1980s. The tank facilities occupied two parcels, one currently owned by the Port of Tacoma (Port), and the other currently owned by Mariana Properties, Inc. (Mariana). The Port owned parcel is currently being leased to Puget Sound Energy for the development of a Liquefied Natural Gas facility. A remedial investigation/feasibility study has been completed and this funding will go toward developing and implementing a cleanup action plan.

Location

City: Tacoma

County: Pierce

Legislative District: 027

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	1,294,000				1,294,000
Total		1,294,000	0	0	0	1,294,000

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000294

SubProject Title: Alexander Avenue Petroleum Tank Facilities

	Future Fiscal Periods			
	2021-23	2023-25	2025-27	2027-29
23N-1 MTC Capital Account-State				
Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000295

SubProject Title: Dakota Creek Industries Shipyard

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

The site includes uplands and sediments. It has been used for industrial and shipyard activities since approximately 1879. From approximately 1925 to 1969, several above-ground storage tanks were present on the upland portion and used for bulk fuel storage and distribution.

This funding is to support final completion of the remedial investigation/feasibility and cleanup action plan for upland cleanup activities for the site. We may also begin upland cleanup with this funding.

Location

City: Anacortes

County: Skagit

Legislative District: 040

Project Type

Grants

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000295

SubProject Title: Dakota Creek Industries Shipyard

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	810,000				810,000
	Total	810,000	0	0	0	810,000

Future Fiscal Periods

Acct Code	Account Title	2021-23	2023-25	2025-27	2027-29
		23N-1	MTC Capital Account-State	0	0
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000296

SubProject Title: Lower Duwamish Waterway

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000296

SubProject Title: Lower Duwamish Waterway

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

The Lower Duwamish Waterway (LDW) is a Superfund site that includes approximately five miles of waterway extending from the southern tip of Harbor Island to the turning basin in Seattle.

U.S. Environmental Protection Agency (EPA) has the responsibility of cleaning up the sediments in the waterway while Ecology is responsible for conducting source control actions.

This project covers source control efforts located within the storm water basins that discharge to the LDW.

SCL will conduct line cleaning, source tracing and other related source control and source control evaluation activities. This is needed to ensure sources of contamination to the LDW are sufficiently controlled before in-waterway cleanup begins. Also, it will be needed during and after completion of the active remedial actions to prevent the potential of re-contamination of the waterway. SCL will also use this grant to analyze and interpret source control data to help SCL and other source control efforts.

Location

City: Seattle

County: King

Legislative District: 034

Project Type

Grants

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000296

SubProject Title: Lower Duwamish 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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	720,000				720,000
	Total	720,000	0	0	0	720,000

Future Fiscal Periods

Acct Code	Account Title	2021-23	2023-25	2025-27	2027-29
		23N-1	MTC Capital Account-State	0	0
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000297

SubProject Title: Lower Duwamish Superfund

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000297

SubProject Title: Lower Duwamish Superfund

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

The Lower Duwamish Waterway (LDW) is a five mile contaminated stretch of river in the Seattle area that was designated a Superfund site in 2001. Contamination in the LDW sediments came from many sources, including industries along the waterway and storm-water runoff from upland activities.

Most of the contamination is from activities from more than 100 years of industrial and urban use. The Port along with its partners the Lower Duwamish Waterway Group (LDWG) has been actively implementing remedial actions to address contamination in the waterway and evaluating cleanup options for over 18 years.

The contaminants of concern include arsenic, polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs) and dioxins and furans. LDWG is performing pre-design work, including sampling to establish baseline conditions. LDWG is in negotiations with EPA to begin design work for a portion of the site. The design work will begin in 2019. The time frame to implement cleanup is estimated to be 17 years: 7 years of active cleanup and 10 years of monitored natural recovery. Implementation is anticipated to begin with EPA oversight anticipated in 2021.

Location

City: Seattle

County: King

Legislative District: 034

Project Type

Grants

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000297

SubProject Title: Lower Duwamish Superfund

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	3,991,000				3,991,000
	Total	3,991,000	0	0	0	3,991,000

Future Fiscal Periods

Acct Code	Account Title	2021-23	2023-25	2025-27	2027-29
		23N-1	MTC Capital Account-State	0	0
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000298

SubProject Title: North Boeing Field/Georgetown Steam Plant RI/FS

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000298

SubProject Title: North Boeing Field/Georgetown Steam Plant RI/FS

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

This site includes land impacted by industrial practices at the Georgetown Steam Plant (GTSP) and North Boeing Field (NBF). King County owns most of the land within NBF. Boeing leases about 117 acres of NBF property from King County and owns the improvements it has constructed on the leased property. Boeing manages numerous research, testing, and manufacturing facilities on the property.

The GTSP property contains an old powerhouse that currently houses the Georgetown Powerplant Museum. Currently the site is under an agreed order with Ecology to complete a remedial investigation/feasibility study (RI/FS) and any necessary interim actions.

The primary site-wide contaminants consist of toxics metals and petroleum (gasoline, diesel, and oils). Polychlorinated biphenyls (PCBs) and carcinogenic polycyclic aromatic hydrocarbons (PAHs) are also present.

The RI phase is approaching completion. This project will help fund completion of the RI/FS.

Location

City: Seattle

County: King

Legislative District: 011

Project Type

Grants

461 - Department of Ecology
Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000298

SubProject Title: North Boeing Field/Georgetown Steam Plant RI/FS

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	175,000				175,000
	Total	175,000	0	0	0	175,000

Future Fiscal Periods

Acct Code	Account Title	2021-23	2023-25	2025-27	2027-29
23N-1	MTC Capital Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000299

SubProject Title: Earley Business Center

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000299

SubProject Title: Earley Business Center

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

A shipyard and sawmill were operated on the site during World War I and World War II. Later, parts of the property were used for ship repair, dismantling, and salvage. Soil and groundwater impacts at Earley Business Center are related to spills or releases from historical business operations, leaking underground storage tanks and associated piping, or the accumulation and placement or reworking of fill/debris. The primary contaminants are metals and petroleum (gasoline, diesel, and oils). Polychlorinated biphenyls (PCBs) and carcinogenic polycyclic aromatic hydrocarbons (PAHs) are also present. The remedial investigation and feasibility study are complete. this project would provide for the development of a cleanup action plan and cleanup.

Location

City: Tacoma

County: Pierce

Legislative District: 027

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
23N-1	MTC Capital Account-State	1,548,000				1,548,000
Total		1,548,000	0	0	0	1,548,000

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000299

SubProject Title: Earley Business Center

	Future Fiscal Periods			
	2021-23	2023-25	2025-27	2027-29
23N-1 MTC Capital Account-State				
Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000300

SubProject Title: Interstate 82 Exit 33A Yakima City Landfill

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

This approximately 28 acre site was used by the City of Yakima as a landfill from 1963 to the early 1970s. It was a former log pond on the Boise Cascade Mill site. Previous investigations have included the assessment of the types of solid waste buried in the landfill, and an initial assessment of the impact of this waste on the soils, groundwater, surface water and soil gases in the immediate area of the landfill.

The grant money will be used to complete the site investigation at the landfill and prepare a cleanup action plan. This parcel is integral to the City of Yakima's plans to construct an east-west traffic corridor over the Yakima River.

Location

City: Yakima

County: Yakima

Legislative District: 015

Project Type

Grants

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000300

SubProject Title: Interstate 82 Exit 33A Yakima City 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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	3,809,000				3,809,000
	Total	3,809,000	0	0	0	3,809,000

Future Fiscal Periods

Acct Code	Account Title	2021-23	2023-25	2025-27	2027-29
23N-1	MTC Capital Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000301

SubProject Title: Integrated Planning Grants

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000301

SubProject Title: Integrated Planning Grants

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

Grant funding to develop plans to redevelop contaminated properties.

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	1,000,000				1,000,000
Total		1,000,000	0	0	0	1,000,000

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000301

SubProject Title: Integrated Planning Grants

	Future Fiscal Periods			
	2021-23	2023-25	2025-27	2027-29
23N-1 MTC Capital Account-State				
Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 40000302

SubProject Title: Grant - IT Systems

Starting Fiscal Year: 2020

Project Class: Grant

Agency Priority: 2

Project Summary

Ecology manages the Remedial Action Grant (RAG) program to help local governments clean up contaminated sites in Washington. This request will fund pass-through grants for ready-to-proceed projects and actual spending requirements for the 2020 supplemental period in the 2019-21 Biennium. RAGs support continued cleanup of Puget Sound and cleanup at contaminated industrial sites that impact the air, land, and water resources of the state. 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. (Model Toxics Control Capital Account)

Project Description

Funding for this project includes \$15,000 to maintain and update the grant or loan applications in the agency systems.

Location

City: Statewide

County: Statewide

Legislative District: 098

Project Type

Grants

Capital Project Request

2019-21 Biennium

*

Version: S1 2020 Supplemental

Report Number: CBS002

Date Run: 9/12/2019 1:43PM

Project Number: 40000288

Project Title: 2020 Remedial Action Grants

SubProjects

SubProject Number: 40000302

SubProject Title: Grant - IT Systems

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 the RAG program. (2) Legislative Action. Projects are ranked and included in Ecology's budget for legislative action. (3) Finalize application. Once the budget is passed by the Legislature, recipients are notified and required to work with Ecology to complete any additional application information and submit the information on electronic forms provided by Ecology. For multi-biennia oversight RAG 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.

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2019-21 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
23N-1	MTC Capital Account-State	15,000				15,000
	Total	15,000	0	0	0	15,000

Future Fiscal Periods

Acct Code	Account Title	2021-23	2023-25	2025-27	2027-29
		23N-1	MTC Capital Account-State	0	0
	Total	0	0	0	0

Operating Impacts

No Operating Impact

Ecology 2020 Supplemental Budget Project List
Toxics Cleanup Program
Remedial Action Grants
 August 13, 2019



Purpose: This list provides project details about the 2020 Remedial Action Grants (RAG) supplemental budget request. This list represents cleanup projects that are underway and/or need funding to support the cleanup for ready to proceed projects. The projects were ranked following the RAG Rule site selection and prioritization criteria (revised in 2014, 173-322A-WAC). This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available.

Rank	Csid	Recipient	Project	Project Description	Phase of Cleanup	Amount	Site Address	City	County	Leg. District	WRIA	Latitude	Longitude
1	304	Skagit County - Public Works Department	Whitmarsh (March Point) Landfill	Whitmarsh Landfill was used as an unregulated dump. In 2009, Skagit County entered into an agreed order with Ecology. Skagit County formed a Potentially Liable Party (PLP) group to complete the remedial investigation/feasibility study in 2017 and prepare the draft cleanup action plan (dCAP). The PLP group is working on the dCAP that will be completed in 2018; apply for the necessary permits in late 2018/2019; complete the engineering design report and plan to begin the construction in the summer of 2019 or 2020. Habitat restoration will also be done along the shoreline.	Cleanup / Post Closure Monitoring	2,500,000	1/4 Mile East of BN Whitmarsh	Anacortes	Skagit	40	03 - Lower Skagit - Samish	48.464	-122.531
2	193	Bellingham - Port	Harris Avenue Shipyard	This ten-acre contaminated upland and in-water sediment site is located on the Bellingham waterfront. Contamination is from historic shipbuilding and maintenance activities. Current site tenants include small boat manufacturing; light manufacturing; ship repair; and dry dock. Significant cleanup work was recently completed in a portion of the site as part of an Ecology approved interim action. Additional funds are needed to complete engineering design work to address contamination throughout the rest of the site. Design activities are expected to be complete by the end of the 19-21 biennium.	Cleanup / Post Closure Monitoring	1,248,000	201 Harris Ave	Bellingham	Whatcom	40	01 - Nooksack	48.720	-122.513
3	3642	Tacoma - Port	Parcel 15 Remediation (Portac Inc)	The cleanup site formerly operated as a log yard and sawmill from 1974 to 2011. Waste from the former ASARCO smelter was also used as ballast on the property. Heavy metal contamination seeped to the soil and surrounding surface water. The contamination has been capped and monitored and a remedial investigation/feasibility study is being completed. This project will complete an interim action.	Cleanup / Post Closure Monitoring	1,000,000	4215 SR 509 E Frontage Rd	Tacoma	Pierce	27	10 - Puyallup - White	47.248	-122.372
4	11907	Port Angeles - Port and City	Western Port Angeles Harbor & MTCA Design & Cleanup Construction	In 2008, Ecology launched an investigation of Port Angeles Harbor through the Puget Sound Initiative. The harbor sediments investigation found many types of pollutants that may pose a threat to human health and the environment, including fisheries and shellfish beds. The harbor sediments investigation showed separate sources of contamination in Western Port Angeles Harbor and the Rayonier Mill study area. Funding for the 2019-2021 biennium would produce an engineering design.	Cleanup / Post Closure Monitoring	2,250,000	Western Port Angeles Harbor	Port Angeles	Clallam	24	18 - Elwah - Dungeness	48.133	-123.454

Rank	Csid	Recipient	Project	Project Description	Phase of Cleanup	Amount	Site Address	City	County	Leg. District	WRIA	Latitude	Longitude
5	2008	Seattle - Port - Seattle-Tacoma International Airport	Lora Lake Apartments	<p>The Lora Lake site is adjacent to the northwest corner of SeaTac International Airport. Contaminated sediments will be capped by filling the lake with approximately 38,500 cubic yards of clean fill, and restoring it to a wetland similar to the surrounding area. The fill will be engineered in such a way to immobilize the dioxin currently contained in the lake sediments to minimize impacts to aquatic life.</p> <p>Other cleanup activities will continue to address site-wide contamination include arsenic, lead, total petroleum hydrocarbons (TPH), pentachlorophenol (PCP), carcinogenic polycyclic aromatic hydrocarbons (cPAHs), ethylbenzene, toluene, and dioxins/furans.</p>	Cleanup / Post Closure Monitoring	3,340,000	15001 Des Moines Memorial Dr	Burien	King	33	09 - Duwamish - Green	47.469	-122.322
6	743	Tacoma - Port	Alexander Avenue Petroleum Tank Facilities	<p>The site was operated as two adjacent bulk petroleum storage and distribution centers from the 1930s through the 1980s. The tank facilities occupied two parcels, one currently owned by the Port of Tacoma (Port), and the other currently owned by Mariana Properties, Inc. (Mariana). The Port owned parcel is currently being leased to Puget Sound Energy for the development of a Liquefied Natural Gas facility. A remedial investigation/feasibility study has been completed and this funding will go toward developing and implementing a cleanup action plan.</p>	Cleanup Action Plan	1,294,000	709 Alexander Ave	Tacoma	Pierce	27	10 - Puyallup - White	47.278	-122.402
7	5174	Anacortes - Port	Dakota Creek Industries Shipyard	<p>The site includes uplands and sediments. It has been used for industrial and shipyard activities since approximately 1879. From approximately 1925 to 1969, several above-ground storage tanks were present on the upland portion and used for bulk fuel storage and distribution.</p> <p>This funding is to support final completion of the remedial investigation/feasibility and cleanup action plan for upland cleanup activities for the site. We may also begin upland cleanup with this funding.</p>	Cleanup Action Plan	810,000	115 Q Ave	Anacortes	Skagit	40	03 - Lower Skagit - Samish	48.520	-122.611
8	1643	Seattle City Light (SCL)	Lower Duwamish Waterway	<p>The Lower Duwamish Waterway (LDW) is a Superfund site that includes approximately five miles of waterway extending from the southern tip of Harbor Island to the turning basin in Seattle.</p> <p>U.S. Environmental Protection Agency (EPA) has the responsibility of cleaning up the sediments in the waterway while Ecology is responsible for conducting source control actions.</p> <p>This project covers source control efforts located within the storm water basins that discharge to the LDW.</p> <p>SCL will conduct line cleaning, source tracing and other related source control and source control evaluation activities. This is needed to ensure sources of contamination to the LDW are sufficiently controlled before in-waterway cleanup begins. Also, it will be needed during and after completion of the active remedial actions to prevent the potential of re-contamination of the waterway. SCL will also use this grant to analyze and interpret source control data to help SCL and other source control efforts.</p>	Cleanup / Post Closure Monitoring	720,000	Lower Duwamish Waterway	Seattle	King	34	09 - Duwamish - Green	47.567	-122.348

Rank	Csid	Recipient	Project	Project Description	Phase of Cleanup	Amount	Site Address	City	County	Leg. District	WRIA	Latitude	Longitude
9	1643	Seattle - Port - Seaport Environmental Program	Lower Duwamish Superfund	<p>The Lower Duwamish Waterway (LDW) is a five mile contaminated stretch of river in the Seattle area that was designated a Superfund site in 2001. Contamination in the LDW sediments came from many sources, including industries along the waterway and storm-water runoff from upland activities.</p> <p>Most of the contamination is from activities from more than 100 years of industrial and urban use. The Port along with its partners the Lower Duwamish Waterway Group (LDWG) has been actively implementing remedial actions to address contamination in the waterway and evaluating cleanup options for over 18 years.</p> <p>The contaminants of concern include arsenic, polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs) and dioxins and furans. LDWG is performing pre-design work, including sampling to establish baseline conditions. LDWG is in negotiations with EPA to begin design work for a portion of the site. The design work will begin in 2019. The time frame to implement cleanup is estimated to be 17 years: 7 years of active cleanup and 10 years of monitored natural recovery. Implementation is anticipated to begin with EPA oversight anticipated in 2021.</p>	Cleanup / Post Closure Monitoring	3,991,000	Lower Duwamish Waterway	Seattle	King	34	09 - Duwamish - Green	47.567	-122.348
10	4765	Seattle City Light (SCL)	North Boeing Field/Georgetown Steam Plant RI/FS	<p>This site includes land impacted by industrial practices at the Georgetown Steam Plant (GTSP) and North Boeing Field (NBF). King County owns most of the land within NBF. Boeing leases about 117 acres of NBF property from King County and owns the improvements it has constructed on the leased property. Boeing manages numerous research, testing, and manufacturing facilities on the property.</p> <p>The GTSP property contains an old powerhouse that currently houses the Georgetown Powerplant Museum. Currently the site is under an agreed order with Ecology to complete a remedial investigation/feasibility study (RI/FS) and any necessary interim actions.</p> <p>The primary site-wide contaminants consist of toxics metals and petroleum (gasoline, diesel, and oils). Polychlorinated biphenyls (PCBs) and carcinogenic polycyclic aromatic hydrocarbons (PAHs) are also present.</p> <p>The RI phase is approaching completion. This project will help fund completion of the RI/FS.</p>	Feasibility Study	175,000	7370 E Marginal Way S	Seattle	King	11	09 - Duwamish - Green	47.541	-122.313
11	2395	Tacoma - Port	Earley Business Center	<p>A shipyard and sawmill were operated on the site during World War I and World War II. Later, parts of the property were used for ship repair, dismantling, and salvage. Soil and groundwater impacts at Earley Business Center are related to spills or releases from historical business operations, leaking underground storage tanks and associated piping, or the accumulation and placement or reworking of fill/debris. The primary contaminants are metals and petroleum (gasoline, diesel, and oils). Polychlorinated biphenyls (PCBs) and carcinogenic polycyclic aromatic hydrocarbons (PAHs) are also present. The remedial investigation and feasibility study are complete. this project would provide for the development of a cleanup action plan and cleanup.</p>	Cleanup / Post Closure Monitoring	1,548,000	401 Alexander Ave Business Center	Tacoma	Pierce	27	10 - Puyallup - White	47.281	-122.409

Rank	Csid	Recipient	Project	Project Description	Phase of Cleanup	Amount	Site Address	City	County	Leg. District	WRIA	Latitude	Longitude
12	3853	Yakima - City	Interstate 82 Exit 33A Yakima City Landfill	<p>This approximately 28 acre site was used by the City of Yakima as a landfill from 1963 to the early 1970s. It was a former log pond on the Boise Cascade Mill site. Previous investigations have included the assessment of the types of solid waste buried in the landfill, and an initial assessment of the impact of this waste on the soils, groundwater, surface water and soil gases in the immediate area of the landfill.</p> <p>The grant money will be used to complete the site investigation at the landfill and prepare a cleanup action plan. This parcel is integral to the City of Yakima's plans to construct an east-west traffic corridor over the Yakima River.</p>	Cleanup / Post Closure Monitoring	3,809,000	Interstate 82	Yakima	Yakima	15	37 - Lower Yakima	46.611	-120.491
13	N/A	Statewide	Integrated Planning Grants	Grant funding to develop plans to redevelop contaminated properties.	Plan	1,000,000	Statewide	Statewide	Statewide	Statewide	Statewide	Statewide	Statewide
14	N/A	Statewide	Grant - IT Systems	Funding for this project includes \$15,000 to maintain and update the grant or loan applications in the agency systems	Plan	15,000	Statewide	Statewide	Statewide	Statewide	Statewide	Statewide	Statewide
Total 2020 Supplemental Budget Request						23,700,000							