

E-Cycle Washington Standard Plan 2019 Annual Report - workbook format*



The Washington Materials Management & Financing Authority is required to file an annual report with the Washington State Department of Ecology. This workbook contains data and information requested in order to meet compliance with WAC 173-900-800 and additional information required via passage of SHB 1498 in April of 2013. The workbook is designed to provide data and information in the format listed in the index outlined below, as specified in WAC 173-900-800 and as amended with the passage of SHB 1498.

***NOTE:** *All figures and data in this report are estimates based on actual source documents including processor invoices with actual weights and charges, collector bills of lading showing estimated weights - converted to actual weights after verification through processor and transporter receipts, based on materials collected in 2019 (some collected in 2019 and processed in 2020) and other information received from collectors and processors including "collector logs" which include source and volume estimates by entity type.*

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1. Total weight (in pounds) of covered electronic products (CEPs), including orphans, for the 2019 program year including documentation verifying collection and processing for:
 - a. CEP pounds collected, by type, by county
 - b. CEP recycled pounds, un-recycled residuals, and reused - by ALL program Direct Processors
 - c. Standard Plan CEP materials disposition - mass balance report
 - d. Pounds collected and processed verification - based on paid processor invoices for covered materials
2. Total weight of CEPs received from each nonprofit charitable organization primarily engaged in the business of reuse and resale used by the Standard Plan.
3. Total weight estimates of CEPs received in large quantities from small businesses, small governments, charities and school districts.
4. A list of collection services provided in each county and each city with a population of greater than 10,000 and the parties who operated them.
5. Processor information:
 - a. A list of all direct processors used; **(see section 1b.)**.
 - b. The weight of CEPs processed by each direct processor; **(see section 1b.)**.
 - c. A description of the processes and methods used by each direct processor to recycle the CEPs including a description of the processing and facility locations by final destination country
 - d. A compliance audit report meeting the requirements in WAC 173-900-365 for each direct processor listed in the Standard Plan.
(Note: Links to these audit reports posted on the Ecology web site are used to meet this requirement)

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6. A list of subcontractors (initial downstream vendors) used by each direct processor including the facility addresses.
7. A brief description of the educational and promotional efforts that were undertaken to inform covered entities about where and how to reuse and recycle their CEPs.
8. Section discontinued - see prior year's reports for historical sampling data. The results of sampling as required in WAC 173-900-900. (sampling discontinued)
9. Total weight of unwanted electronic products, electronic components, and electronics scrap that have been exported from Washington state to countries that are not members of the Organization for Economic Cooperation and Development or the European Union.
10. A list of manufacturers that are participating in the Standard Plan.
11. Documentation of work done with direct processors used by the Standard Plan to promote and encourage the design of electronic products that are less toxic and contain components that are more recyclable. Includes data on historical collected weights and units.
12. Any information available regarding the reuse of CEPs through the E-Cycle Washington program.
13. Processor Closure Plans and Financial Responsibility.
14. Program revenue and cost.
15. Signature of the Authority.
16. Supplemental information - WMMFA volume allocation excerpt from Standard Plan.

Washington Materials Management & Financing Authority
CEP* pounds collected by type and by county
E-Cycle Washington annual 2019

Covered Electronic Products (CEP's) collected, including orphan products. All 2019 WMMFA transactions	CEP Pounds collected by type		CEP Pounds collected by County			CEP Pounds collected by County by CEP Type			
	2019 NET pounds by CEP type collected excluding pounds sent to reuse by collectors	Percent of total pounds by CEP type 2019	WA State County	Pounds collected 2019 excluding reuse at the collector level	Percent of total pounds by county 2019	Computers	Monitors	Televisions	TOTAL NET pounds by county - all CEP types
TELEVISIONS			Adams	31,692	0.1%	1,498	1,654	28,540	31,692
Household TV	17,025,843		Asotin	47,958	0.2%	541	3,250	44,167	47,958
School District TV	10,335		Benton	432,310	2.0%	40,156	78,900	313,254	432,310
Small Business TV	10,474		Chelan	218,119	1.0%	13,000	24,658	180,461	218,119
Small Government TV	6,142		Clallam	180,620	0.8%	10,956	14,230	155,434	180,620
Total TELEVISIONS	17,052,794	79.8%	Clark	1,508,095	7.1%	137,892	133,555	1,236,648	1,508,095
			Columbia	0	0.0%	0	0	0	0
			Cowlitz	436,645	2.0%	23,210	49,666	363,769	436,645
			Douglas	40,227	0.2%	795	2,120	37,312	40,227
			Ferry	15,984	0.1%	565	2,566	12,853	15,984
			Franklin	148,612	0.7%	21,951	20,410	106,251	148,612
MONITORS	2,272,176		Garfield	9,593	0.0%	400	1,255	7,938	9,593
Household Monitors	20,701		Grant	71,444	0.3%	1,228	9,002	61,214	71,444
School District Monitors	9,296		Grays Harbor	210,431	1.0%	7,559	22,280	180,592	210,431
Small Business Monitors	3,437		Island	365,517	1.7%	46,323	25,008	294,186	365,517
Small Government Monitors	2,305,610	10.8%	Jefferson	127,818	0.6%	7,925	11,544	108,349	127,818
Total MONITORS			King	6,458,077	30.2%	725,240	972,143	4,760,694	6,458,077
			Kitsap	529,826	2.5%	42,856	74,200	412,770	529,826
			Kittitas	112,969	0.5%	4,377	3,985	104,607	112,969
			Klickitat	20,263	0.1%	1,667	1,005	17,591	20,263
	1,973,077		Lewis	292,975	1.4%	3,100	8,210	281,665	292,975
COMPUTERS (includes laptops)	26,968		Lincoln	29,111	0.1%	6,400	1,999	20,712	29,111
Household Computers	10,640		Mason	83,122	0.4%	233	6,005	76,884	83,122
School District Computers	5,726		Okanogan	23,192	0.1%	2,050	4,112	17,030	23,192
Small Business Computers	2,016,411	9.4%	Pacific	82,038	0.4%	4,122	5,023	72,893	82,038
Small Government Computers			Pend Oreille	48,807	0.2%	2,458	2,140	44,209	48,807
Total COMPUTERS			Pierce	2,237,575	10.5%	253,566	208,500	1,775,509	2,237,575
			San Juan	66,481	0.3%	6,420	4,322	55,739	66,481
			Skagit	295,690	1.4%	9,860	10,500	275,330	295,690
			Skamania	36,415	0.2%	2,955	1,088	32,372	36,415
			Snohomish	3,149,297	14.7%	276,512	219,000	2,653,785	3,149,297
			Spokane	1,217,652	5.7%	154,005	128,654	934,993	1,217,652
			Stevens	82,830	0.4%	4,211	6,420	72,199	82,830
			Thurston	1,026,704	4.8%	66,006	84,560	876,138	1,026,704
			Wahkiakum	4,872	0.0%	319	650	3,903	4,872
			Walla Walla	225,970	1.1%	26,250	35,100	164,620	225,970
			Whatcom	722,492	3.4%	38,200	51,000	633,292	722,492
			Whitman	121,048	0.6%	10,005	16,588	94,455	121,048
			Yakima	662,344	3.1%	61,600	60,308	540,436	662,344
TOTAL POUNDS CEP's / TYPE ---->	21,374,815	100%		21,374,815	100.0%	2,016,411	2,305,610	17,052,794	21,374,815

Covered electronic products (CEP's) collected and sent to each approved processor. All 2019 WMMFA transactions by all processors.

	ACE METAL COMPANY	ELECTRONIC REC INT (ERI)	E-WASTE LLC	EWC GROUP	SIMON METALS - TACOMA	SIMON METALS - VANCOUVER	Universal Recycling Technologies URT	TOTAL POUNDS - ALL PROCESSORS	
All quantities in net pounds- based on accruals of collectons in 2019	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	
CEP program pounds sent to, and COLLECTED by, each processor in total	5,371,832	5,137	2,580,101	2,297,956	6,305,219	3,136,098	1,678,472	21,374,815	
	SUMMARY Breakout of Re-used, Recycled, and Non-recycled Materials by Processor								Percent
CEP pounds RECYCLED by each processor and on hand awaiting processing	4,837,559	4,574	2,500,101	2,297,956	6,136,177	3,023,598	1,512,641	20,312,606	95.03%
*CEP pounds processor sent to REUSE through refurbishment or re-sale	0	0	0	0	0	0	0	0	0.00%
NON-RECYCLED residuals including wood, etc. (details in sec. 1.c.)	534,273	563	80,000	0	169,042	112,500	165,831	1,062,209	4.97%
TOTAL pounds recycled, reused, and in process	5,371,832	5,137	2,580,101	2,297,956	6,305,219	3,136,098	1,678,472	21,374,815	100.0%

WMMFA processors CEP mass balance report - required per SHB 1498 eff: July 28, 2013

Plan Year : 2019 Total of all processors under contract with the WMMFA

INBOUND: total plan pounds 2019 calendar year	Computers	Laptops	E-Readers	E-Tablets	Monitors	Televisions	OTHER (non-covered)	TOTAL
	A	B	C	D	E	F	G	sum A-G
TOTAL PLAN pounds collected ----->	1,864,102	152,309	negligible	negligible	2,305,610	17,052,794	negligible	21,374,815

OUTBOUND: at Dec. 31 2019 for calendar year 2019

Pounds by commodity type:

RECOVERED / RECYCLED / IN PROCESS

CRT GLASS	8,269,074
CIRCUIT BOARDS	1,230,375
BATTERIES	6,488
MERCURY LAMPS (based on actual and estimated weights of CCFLs in flat panel devices)	6,578
PLASTIC	3,353,187
METALS	6,108,883
WOOD (biomass fuel, mulch, landscaping fill)	228,126
CEP's in storage awaiting processing	658,680
CEP's in transit awaiting downstream processing	451,215
TOTAL RECOVERED / RECYCLED/ IN PROCESS:	20,312,606

REUSED

COMPUTERS - (Desktop or integrated units)	0
LAPTOPS	0
TELEVISIONS	0
MONITORS	0
PARTS - SWAPPED OUT TO WORKING UNIT	0
OTHER: _____	0
TOTAL REUSED:	0

UNRECYCLED RESIDUAL (to landfill)

WOOD	564,142
NON-RECYCLABLE PLASTIC	96,533
OTHER: Broken mirror from DLP and Projection TV	401,534
TOTAL RESIDUAL:	1,062,209

TOTAL RECOVERED, RECYCLED, REUSED, RESIDUAL:	21,374,815
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SECTION 1 MASS BALANCE REPORTING:

NOTE: Total INBOUND pounds must equal total OUTBOUND / IN PROCESS pounds

Covered Electronic Products (CEP's) collected for recycling by the WMMFA in 2019 from non-profit charitable organizations primarily engaged in re-use through re-sale.

All net pounds collected and paid for in 2019 - total - weights verified at processing

Does NOT include pounds of working or refurbished devices a charity collected as part of the program and sent to reuse (see section 12 for reuse estimates at collector level)

Charity Name	CEP Pounds
ANACORTES AKTION CLUB	38,915
DESERET INDUSTRIES - SHORELINE	97,513
DESERET INDUSTRIES - FEDERAL WAY	73,764
GOODWILL EVERETT (Seattle Goodwill)	1,965,769
GOODWILL HAWKS PRAIRIE TACOMA HOGUM BAY ROAD (Tacoma Goodwill)	465,992
GOODWILL MULLEN LANDFILL TACOMA (Tacoma Goodwill)	258,911
GOODWILL PASCO	495,376
GOODWILL SEATTLE (Seattle Goodwill)	1,602,061
GOODWILL SPOKANE	1,005,669
GOODWILL TACOMA (Tacoma Goodwill)	2,894,117
GOODWILL VANCOUVER	812,658
GOODWILL WENATCHEE	151,279
INTERCONNECTION.ORG	268,681
NORTHWEST CENTER INDUSTRY	61,971
SALVATION ARMY ARC SEATTLE	73,030
SALVATION ARMY BELLINGHAM	9,015
SALVATION ARMY SPOKANE VALLEY	42,748
SALVATION ARMY YAKIMA	37,734
ST.VINCENT DE PAUL - BREMERTON	37,187
ST.VINCENT DE PAUL - EVERETT	25,706
ST.VINCENT DE PAUL - KENMORE	31,048
ST.VINCENT DE PAUL - SEATTLE	29,280
ST.VINCENT DE PAUL - TACOMA	54,774
ST.VINCENT DE PAUL - MONROE	28,781
STANWOOD CAMANO KIWANIS - STANWOOD	17,173
SUNNYSIDE CHRISTIAN THRIFT STORE	12,851
UNION GOSPEL MISSION - YAKIMA	10,707
VISITING NURSES THRIFT - CHEHALIS	94,911
YWCA STORE - WENATCHEE	22,201
Total Pounds collected for recycling after deducting reuse pounds:	10,719,822

Total pounds received in large quantities from entities other than households - 2019

Large quantities are defined as any drop off, pick up, or event where the entity provided approximately 1 pallet or more CEP's

This is a complete listing of all "covered entities" that utilized E-Cycle Washington since start up. Many of them submit items on an on-going basis.

CEP TYPE	Qty in Lbs. 2019 Total	Schools and School Districts generating large quantities		Small governments, charities (other than charities registered as collectors) , small business, and events		
		SCHOOL DISTRICTS		EVENTS	MISCELLANEOUS COVERED ENTITIES	
TELEVISIONS		Anacortes	Ocasta	E-1st Security Bank - Bothell	Aboda	Accent on Coims
School District	10,335	Arlington	Orcas	E-1st Security Bank - Capitol Hill	Seattle Rubbish Removal (SRR)	Cascade Precision
Small Business	10,474	Auburn	Orcas Island	E-1st Security Bank - Edmonds	3D Systems	Christ Fellowship
Small Gov.	6,142	Bainbridge	Overlake	E-1st Security Bank - Lynnwood	5th Avenue Theater	COB
Total TELEVISIONS	26,951	Bellevue	Pasco	E-1st Security Bank - Poulsbo	7 Hills Camp	Computer Remedies
		Bellingham	Pe Ell	E-1st Security Bank - Puyallup	A&G	Dynamic Data
		Anacortes	Ocasta	E-1st Security Bank - Bothell	Aboda	Accent on Coims
		Arlington	Orcas	E-1st Security Bank - Capitol Hill	Seattle Rubbish Removal (SRR)	Cascade Precision
		Auburn	Orcas Island	E-1st Security Bank - Edmonds	3D Systems	Christ Fellowship
MONITORS		Bainbridge	Overlake	E-1st Security Bank - Lynnwood	5th Avenue Theater	COB
School Dist	20,701	Bellevue	Pasco	E-1st Security Bank - Poulsbo	7 Hills Camp	Computer Remedies
Small Business	9,296	Bellingham	Pe Ell	E-1st Security Bank - Puyallup	A&G	Dynamic Data
Small Gov.	3,437	Bellingham Christian	Peninsula	E-1st Security Bank - Redmond	AA - Its	GTS Distribution
Total MONITORS	33,434	Bethel	Port Angles	E-24 Hour Fitness	AAA	Interfor Cedarprime, Inc
		Blain	Pullman	E-ABAM Building - Federal Way	AAA Auto Wrecking	Johnson International
		Burlington	Puyallup	E-Active Voice Bldg	Aarons	Juanita Community Church
		Burlington - Edison	Quincy	E-Adobe	Aboda Property Management	Key Bank
		Camas	Renton	E-Alexis Hotel	Accepting LLC	Korry Electronics
		Cascade	Richland	E-Ballard Church	Accuduct	LCR
COMPUTERS		Castle Rock	Ridgefield	E-BECU Everett	Accurate Insights	LCS Network Consultants
School District	26,968	Central Kitsa[Rochester	E-BECU Everett	Accurate Mfg.	LD
Small Business	10,640	Chewelah	Sedro Woolley	E-BECU Federal Way	Achtunina	LDC
Small Gov.	3,437	Christian	Selah	E-BECU Federal Way	Adam & Dinkin	Lente RV Repair
		Colfax	Sequim	E-BECU Tukwila	Adesa Seattle	LFS Inc

Total COMPUTERS	41,045	Colton	Snohomish	E-BECU Tukwila	Adopt A Road	Lighthouse Mission
		Concrete	South Widbey	E-Bellevue Church of Christ	Advanced Labels NW	Living Green Tech
	101,430	Dayton	Stanwood Camano	E-Bentall Kennedy - Summit REIT	Aecopetla Apts	Living Hope Church
(NOT including pounds sent to re-use)		Eastmone	Stevenson Carson	E-Bingen Community Pride	Agrimax Intl	Lloyd's Electronics
		Edmonds	Tacoma	E-Bingen Community Pride	AHHS	LRA
		Epihany	Tahoma	E-Boeing - Auburn	AHHS Housing	Luminterra
		Everett	Toppenish	E-Boeing Airport Way	Aircraft Cabin Sys	LWS
SMALL GOVERNMENT		Evergreen	Toutle	E-Boeing DC - EWC Event	Alaska Maritime	Lynden Door Inc
CITIES		Ferndale	Vashon	E-Boeing Developmental Center	Alderwood Safe Storage	M&M Solutions
Algona		Fife	Vashon Island	E-Boeing Duamish	Alderwood Water & Wastewater	Madrona Dental Care
Anacortes		Franklin Pierce	Waitsburg	E-Boeing Fredrickson	All New Glass	Mag Hifi
Arlington		Granite Falls	Wapata	E-Boeing Georgetown	All Tech	Magic Carpet Auto Transport
Bothell		Granger	Woodland	E-Boeing Safety Day - EWC Event	Alpha Tech	Maverick Label
Burien		Highline	Yelm Community	E-Bothell United Methodist	Alrite	Max Tech
Carnation		Hoquim	University Place	E-Boy Scouts of America #221	Altran	May Valley Council
Duvall		Icolph	Kelso	E-Bridal Show - Tacoma Dome	Always Affordable	MBPP
Edmonds		Issaquah	Kent	E-Broadview United Church-Sea	AMACS	MBS Property
Enumclaw		Kelso	LA Conner	E-CAC Real Estate Mgmt	American Building	McKinley
Everett		Kent	Lake Stevens	E-CAC Real Estate Mgmt-Plaza	Ames International	MCR
Everson		La Conner	Lakota	E-CAC Real Estate Mgmt-Plaza E.	Angels	MEA
Federal Way		Lake Stevens	Lake Washington	E-CAC Real Estate Mgmt-US Bank	Architextures	Meda List
Granite Falls		Lakota	Lake Wood	E-Capital Mall Olympia	Argosy Cruises	Megapath Inc.
Kent		Lake Washington	Longview	E-CB Richard Ellis - Atrium Bldg	Arlington Adventist Church	Mehrer Drywall
Lynden		Lake Wood	Lopez Island	E-CB Richard Ellis - Symetra Fin.	Arlington Dry Kilns	Memorial Community Church
Lynnwood		Longview	Yelm Community	E-CB Richard Ellis - Symetra Fin.	Aseptico Inc	Men's Health Housing
Mukilteo		Lopez Island	University Place	E-CB Richard Ellis-One Bellevue	Asphalt Patch Systems	MFD
North Bend		Lynden	Steilacoom	E-Christ the King Luthern Church	Assistance League	MGM Solutions
Randle		SCHOOLS		E-Christan Ministries-Shoreline	Auburn Oxford	Micro R12
Snoqualmie		Arlington High School	Mukilteo	E-City of Arlington	Auburn Valley Group	Microloans NW
Sammamish		Bellingham Tech	Nooksack Middle	E-City of Bingen	Auburn Work Crew	Midway Plywood
Sea - Tac		Burlington School	NW Indian College	E-City of Bothell -Seattle Times	Audio Control	Miller Laine Properties
Tukwila		Canyon Creek Elem	NW University	E-City of Duvall	B of A	Minuteman Press
Issaquah		Carl Samburg Elem	Penny Creek Elem	E-City of Enumclaw	Bainbridge Rotary Club	Modern Digital
Seattle		Carriage Crest Elem	Pioneer High	E-City of Federal Way	Ballard Tech	Moe Made Inc

COUNTIES	Cascadia Montessori	Seattle Pacific University	E-City of Granite Falls	BAN	Moldrite
Chelan	Cathcart Elem	Seattle Prep School	E-City of North Bend	Bargain Town	Moore Hotel
Clallam	Cavalero Middle	Seattle University	E-City of Puyallup	BDAP	Moose Steel
Columbia	Cedar Heights Middle	Silver First Elem	E-City of Randle	Beach Dr Shores	Moto Plex
Douglas	Charter College	Skagit Valley College	E-City of Sammamish	Beacon Pub	Mountain Coin
Kittitas	Chrysalis School	Snohom. Dutch Hill Elem	E-City of SeaTac	Bele Com	Mountain Pacific Bank
Lewis	Discovery Elem	Spokane Public School	E-City of Snoqualmie	Bellegrove	Mr Fix - it
Yakima	Edmonds Comm College	St Francis School	E-City of Tukwila	Bellevue Dwntrwn Assoc.	MTR
	Federal Way Co-Op Pre	St George School	E-City of Winlock	Berry Enterprises	Mukilteo Water
	Federal Way Public	St Louise School	E-City Recycling	Berry Plastics	Mukleshoot Indian Tribe
	Glazier Park Elem	St Luis School	E-Clise Properties - Active Voice	Bham Yacht Club	Murray Kahn
	Glen Ridge Elem	St Martin University	E-Clise Properties - Denny Bldg	Big Brother Big Sister	N.W. Kidney
	Granite Falls High	St Mary Magdelan School	E-Clise Properties - Securities Bldg	Big Change	NCGTKC Churh
	Holy Rosary School	St. Alphinsus School	E-Clise Properties - Sixth & Lenora	BIP	Nooksack Indian Tribe
	Inglemore High	Starlake Elem	E-CMC Icos Biologics	Birdson AFH	North Bham Group Church
	Kenmore Jr High	Sumner H.S.	E-Columbia Center	Blackpoint IT	North Shore Senior Center
	Liberty High	Sunrise Elem	E-Crista Ministries	Blucap Fit	North Wastrom Fire & R
	Lindberg High	Tekoa Grade School	E-Denny Building	BN Building	Northshore Christian
	Lynden Christian	Tillicum Middle	E-Earth Day - Green Depot TR	BNG Properties	Northshore Endo
	Lynden Middle	University of Avionics	E-Edmonds Lutheran Church	Bobs Heating	Northshore Sheet Metal
	Meadow Glade Elem	University of WA - Bothell	E-Emulex	Boeing employees day	Northwest Castors
	Monroe High	University of WA - Seattle	E-Everett Financial Center	Boilermaster	Northwest Regional Council
	Monte Cristo Elem	WA School for the Blind	E-Evergreen Christian Fellowship	Borgard Consulting	NPC
	Mountain Way Elem	Woodmoor Elem	E-Ewaste LLC Sand Point Metro	Bowles Manuf	NSA Church
	Mt Baker High	Zion Academy	E-Fauntleroy United Church	Boys & Girls Club	NSS
			E-FCA Soccer - Snapdoodle Toys	BP Church	NSWW
			E-Federal Way - Pavillions	Bralco Metals	NW CENTER
			E-Federal Way - City Recycling	Broadmoor Golf Club	NW Control Sys
			E-Fire District 27	Brownlie Evans	NW Family Church
			E-Fruit Valley Neighborhood Assoc	Browns Electronic	NW Grating
			E-Gettney Island	BRP Seattle	NW Home Improvements
			E-Grocery Outlet - Lynnwood	Brunswick Lanes	NW Kidney Ctr
			E-GVA Kidder Mathews	Building Blocks	NW Labors
			E-Hat Island Fire	Building Changes	NW Tax Specialists

E-Highland Gated Community	C&R Electric	NW Territorial Mint
E-Intel Farmers Market	CAD-Based Solution	NW Vision
E-Jackson Federal Bldg - Seattle	Campbell, Dille & Smith	Oakwood World Wide
E-JSH Properties - 1000 Denny	Camwood Counseling Serv	OHL
E-JSH Properties - 1st & Stewart	Canyon Lumber Co.	Orkin Pest Control
E-JSH Properties - Market Place	CAPS	Our Lady of the Lake
E-JSH Properties - Waterfront	Car Toys	Outlet Collections
E-Kelly PTSA	Carillon Properties	P.A.W.S.
E-Key Bank - Auburn	Carpinito Brothers	P.S. Removal
E-Kirkland Congregational Church	Cascade Computer	Pace Staffing
E-Kirkland United Church of Christ	Cascade Vista	Pacific Building
E-Klahanie Homeowners Comm-Iss	Cascade Yarns	Pacific Surrey
E-Lake Stevens Round-up	Cascadia Dentristy	Pacific Underwriters
E-Landon-Susan Ins Agency	Cast Cutter	Packay Inc.
E-Lewis County Solid Waste	CD Services	Paradise Lakes
E-LK. Stevens - Spring Cleaning Day	CDL Recycling	Parkway
E-Lynnwood Top Foods	CDR	Parkway Apts
E-Magnolia Church	Cedarstrand Rentals	Pavi Davis Restoration
E-Magnolia United Church-Seattle	Centers Collision	PC Management
E-McClain Insurance	Central Area Youth	Peckay
E-McDonald McGarry Insurance	Ceva	Perey Law
E-Mercer Island Church of Christ	CH Technologies	Performance PT
E-Mercer Island Olympic TR	Charles Wright Academy	Perk Shore
E-Mercer Island SBK Event	Chelan Café	Permec-bilt
E-Mercer Island Wandermer	Childrens Home Society	Pete's Auto Repair
E-Metropolitan Market	Childrens School of Excellence	Petrocon
E-Metropolitan Market - Kirkland	Childrens Therapy Center	PHG
E-Metropolitan Market - Queen A	Chimney Techniques	Philips Laurel Health Care
E-Metropolitan Market - Sand Pt	Christian Faith Center	Philips Ultrasound
E-Metropolitan Market West Sea	CHS Cenex	Pier Systems
E-Mukilteo YMCA	CHS Inc.	Pinnacle Electric
E-Neighborhood Rec-Klahanie	City of Seattle ILL DUMP P	PLC Multipoint
E-Neighborhood Rec-Shoreline	Clark Co Skill Center	Plymouth Housing
E-New & Again Thrift Shop	Clearwater Spa	Plywood Supply

E-Newcastle Earth Day	Closet Factory	Plywood Supply
E-North Bend	CMC Biologics	PMT Solutions
E-North Help Line - Food Bank	CMC ICOS Biologics	PNCC
E-Olympic Environmental	CMIT of Everett	PNL
E-Pacific Power Batteries	CMIT Solutions	PNTA
E-Pacific Power Batteries-Safeway	CMMS	Port of Everett
E-Packwood collection event	Cogdill Nichols Law	Powell Development
E-Parkside Neighborhood Assoc	Columbia City	Precision Engines
E-Philips Healthcare - Bothell	Community Food Co-Op	Precision Graphics
E-Philips Oral Healthcare	Community Psychiatric Clinic	Precision Iron Works
E-Precor	Community Transit	Premier Storage
E-Prince Of Peach Luthern Church	Compass Health	Prestige Care of Tacoma
E-Puget Sound Energy - Tacoma	Computer Concept	Print & Copy Factory
E-Puget Sound Energy - Bothell	Computer For Kids	Printing Plus
E-Puget Sound Energy - Summit	Computer Referrals	Pro Realty
E-Quadrant Park I-5 Corp	Computer Rentals	Protingent
E-Quincy Valley Lions Club	Computer Tooter	Providence
E-Ranier Community Center	Computer's For Kids	PRS Group
E-Redeemers Luthern Church	ConAgra Brands	PSBC
E-Regence Blue Shield	Consolidated	PSF Mechanical
E-Sammamish Young Life/Discover	Construction Group Int.	PSM LLC
E-Sandpoint Metropolitan Market	Continental Village Apts	PYI Inc
E-Sammamish Round-up	Core Furniture	Quality Moving
E-Schnitzer West	Corliss Resources	Radiant Technology
E-Securities Bank of Washington	Coyote Guns	Radio Frame Network
E-Securities Bldg	CR Janitorial	Rama Foundation
E-Shoreline CC	CREAM Computer Don.	Rane Corp.
E-SnoCo Together	Creative Workspace	RC Enterprises
E-Snoqualmie Ridge Homeowners	Creed Technology	RCA
E-Snoqualmie Tribe	Creekside Church	Red Point Structure
E-SolarFest	Crista Ministries	Redmond Ridge Golf
E-St Johns Episcopal Ch-Kirkland	Crown Film	Regal Entertainment
E-St Johns Medical Center	CSC	Reliable Man Cleaning
E-St Stephen the Martyr-Renton	CSMI	Restore of WA

E-St. George Parish	CTK Bellingham	Ride Motorsports
E-St. Gobain Containers	Cully Inc	Rife Care
E-St. Mark's Cathedral	Cutting Edge D.	River of Life
E-Stock Pot	CVA Apartments	River of Life Fellowship
E-Stoel Rives Law Firm	D Square Energy	Rodda Paint
E-Tacoma Mall Office	D&G Insulation	Rolls Royce - N. Amer.
E-Tukwila Financial Center	Day & Nite	Ronald McDonald House
E-United Church of Christ	Deau's Photography	Ross Display
E-US Postal Service - Everett	DeCacro & Roberts	RPNN
E-Valley View Silver Crest	Deeny Construction	Run Studios
E-Value Village	Dialup USA Inc	Rural Metro
E-Vashon Island collection event	DOJ	S View Metro Parks
E-Watson Furniture	Dr Hutton	S&R Unlimited
E-Whole Foods	Dump It	Sadis Filmworks
E-Windermere - West Sound	Dynamic Language	SAK
E-Windermere Bellevue	E3RA	Samish Tribe
E-Windermere Everett	Eagle Storage	Sand Point Country Club
E-Windermere Madison Park	Eastside Carstar	SANG
E-Windermere Mercer Island	Eastside Foursquare Church	Sasco Electric
E-Windermere Redmond	Eastside Prep	Sea Pac Homes
E-Windermere Woodinville	ECA	Seattle Cancer Care Alliance
E-Woodinville Alliance Church	ECAC	Seattle Children's Museum
E-Woodland Park Zoo	ECAMP.LLC.	Seattle Computers
E-Work Force Dev Center-Mukilteo	Eco Movers	Seattle Gameworks
E-Wright Runstad	Ecova	Seattle Housing Authority
E-Yacolt Clean-up Event	ECS	Seattle Paint Supply
E-YMCA	EDASC	Second Hand Hewitt
E-Young Life	Edmonds Community College	Selway Machine
	EFR	Senior Serv of Snohomish
	Elcon	Service Alternatives
	Element	Shaq
	Elliott Bay Book Co	Signature AV
	Embassy Suites	Silvermark Insurance
	Emerald City Pizza	Silvertips

Emerald City Tech	Silverty IT
EMP	Single Source
Empower Up	Site Specific Services
Engineering Development	Skagit PUD #1
Engineering Solutions	SLC
Entrance Controls	Smart Run Sys Inc
ER Enterprize	Smith Cooper NW
ETI	Smith Gardens
Everett DT Storage	Snap Fitness
Everett Golf and Country Club	Snohomish County PUD
Everett Housing Authority	Snohomish County Red Crss
Everett Silvertips	Snohomish Fire Distric 1st
Everett Steel	Snohomish Health District
Evergreen Pet Supply	Snyder Law Firm
Every Day Fitness	Soccer West
Express Furniture	Soho Computer Svcs
F That Junk	Soltech
Faith Christian Fellowship	Sonoma Villero Condos
FCI	Sound Christian Fellowship
Federal Way Public Schools	Sound Light
Ferndale Redi-Mix	Sound Mental Health
FFF Inc	Sound Prescriptions LLC
Finishing Touch	South Coast In Homes
First Due Movers	South County Hauling
Fisher's Creek Neighbor Ass.	SPD
Fleet Pride	Specialty Coin
Flying Food	Speet Rum Sign
Focus North America	Spruce Hotel
Focus the Nation	St. Vincent De Paul
Forest Concepts	Stafford Press
Formost Fuji	Staiger Roofing
Foss Care	Star of the Sea
Foundation Bank	State Roofing
Fred Hutch Research Center	Steamworks

Friendly Village	Stevens Pass
FSGS Service	Stevenson Advertising
Furhaven	STG Presents
Future of Flight Foundation	Strategic Consulting
FWUMC	Sudden Valley
G3 Develop	SUMC
GBA	Summit @ Snoqualmie
Gesanko Chocolate	Summit Rett
Gesney Auto	Sumtech Group
Giffin Tech	Sundview
Git R Dumped	Sunrise Services
Gless LLC	Supply Tech
Global Tech Plastics	Supply Technologies
GMS Architect Group	Swinerton Bldr
Gold Finch	Synsor Corporation
Golden Dolphin	Tacoma Nursing & Rehab
Goldsmith & Assoc	Team Tahoma
Got Junk	Tech 1
GRD	Tech Help
Greenpoint Tech	Tech Screen
GT Fed Wan	Technical Advantage Inc.
Guidant Financial	Tedesco
Habitat For Humanity	Teen Challenge
Halmark Appraisal	Tel Data Systems
Hampton Inn & Suites	Terra Dynamic
Happy Hauler	Tex Green
Harbor Pointe Gold	The Bank of Washington
Harris Electric, Inc.	The City Church
Harsch	The Truss Co.
Heart & Home	Thryers Refrigeration
Helping Hands	Timberland Bank
Hewitt Secondhand	Tippro Inc
HH Housing	Torah Day School of Seattle
Hillside Church	Totem Lake Motel

Hirt's Truck, Scrap & Rec.	Town Place Suites
HKP Architechs	TPS Service
Hoet	TRAXX
Holiday Group	Trilogy International
Holland Transfer	Trinity Lutheran Church
Home RX	Triumph Structures
Honey Cap Mortgage	Truck Shop
Honeycutt Manufacturing	TURBRO
Hopelink	TWH Enterprises
Hubers Custom Building	Tyco IS
Husky Truck	UGM
Hydraulic Industries	UHI
Icicle	Uniback
IDL	Universal Frieght Forwalder
IDL Precision	UR Stenson
IMI - Precision	US Transmission
Ind'l Coating & Sealants	USPS
Inspur USA	Valley Buick GME
Intava	Valley Place
Intellect	Valmont / WCE
Interfaith Church	Vanderly & Co
IS Tech LLC	Vashon Tech Support
ISO Media	Vector Ind
Itek Energy	Vesta Properties
Jane Way Apts	Visno Vipro
JC Enterprises Constr.	Vuetura
JIT Mfg Inc	W.C.R.
JMC Cabinets	W/B Housing
John Buchan Homes	Wareware
John L. Scott	Washington Cathedral
Johnson & Shute	Waste Management
JSI	Watertown Hotel
Jubilee Reach	WBS
Junk B Gone	WCDC

Junk Boys	Werner O-Meara & Co
Junk King	Wesco
Just Junk It	Wesiot Tech
K.I.C.R.	Wesley Homes
Kaman Eng	West Wind Motel
KCAS	Westek
KDH	Western Engineering
Keep It Clean Rec	Whatcom Counseling
Kelly Insurance	Whatcom Hire
Kent Nazarene	Whatcom Humane Society
Kern's Funeral Home	White Glove Junk Removal
Ketchikau	Wildcard Games
Key Maintenance	Willow Technology
King Co E-911 Program	Windermere
King Co Parks	Windermere Real Estate
King County Flood Relief	Wipliance
King County Housing Auth-Sea	Workforce Snohomish
King County Library	World Affairs
King Machine LLC	World Vision
Kirkland Cinemas LLC	Worldmark - Camlin
Kirkland RV	WRC
KLB Construction	Wrecking Ball
Koomo Con	WSGA
Kulshan Vet Hospital	WSWW
M Torres America	XCS
Promium, LLC	XKL LLC
Sherwood Com Svcs	Xpertise Computer Solutions
Tim's Cascade Snacks	YMCA
VCA SnoWood AH	Youth Care
	YWCA Seattle

WMMFA Ecycle registered WA Collection sites throughout 2019

	<i>Collector Site Name</i>	<i>Operating Organization</i>	<i>EPR Number</i>	<i>County</i>
1	Bruce Transfer Station	Adams County Public Works	EPR00389	Adams
2	Ritzville Transfer Station	Adams County Public Works	EPR00389	Adams
3	CEP Recycle Asotin County	HHH	EPR00471	Asotin
4	Clayton-Ward Company Kennewick	Clayton-Ward Company	EPR00526	Benton
5	Clayton-Ward Company Richland	Clayton-Ward Company	EPR00526	Benton
6	Goodwill 7-11 Donation Center	Goodwill Industries of the Columbia	EPR00871	Benton
7	Goodwill Albertsons Donation Center	Goodwill Industries of the Columbia	EPR00871	Benton
8	Goodwill Columbia Center Mall Donation Center	Goodwill Industries of the Columbia	EPR00871	Benton
9	Goodwill East Kennewick	Goodwill Industries of the Columbia	EPR00871	Benton
10	Goodwill Flower Farm	Goodwill Industries of the Columbia	EPR00871	Benton
11	Goodwill Fred Meyer Donation Center	Goodwill Industries of the Columbia	EPR00871	Benton
12	Goodwill Kennewick Store	Goodwill Industries of the Columbia	EPR00871	Benton
13	Goodwill Plaza Donation Center	Goodwill Industries of the Columbia	EPR00871	Benton
14	Goodwill Richland	Goodwill Industries of the Columbia	EPR00871	Benton
15	Stay Tan West	Stay Tan West	EPR00542	Benton
16	City of Chelan Recycle Center	City of Chelan	EPR00514	Chelan
17	Goodwill Wenatchee Store	Goodwill Industries of the Columbia	EPR00871	Chelan
18	Pacific Power Batteries Wenatchee	Pacific Power Batteries	EPR00967	Chelan
19	Ywca Store	YWCA NCW	EPR01064	Chelan
20	Goodwill Port Angeles Store	Goodwill of the Olympics and Rainier Region	EPR00290	Clallam
21	Goodwill Sequim Store	Goodwill of the Olympics and Rainier Region	EPR00290	Clallam
22	Central Transfer and Recycling Center	Columbia Resource Company	EPR00754	Clark
23	Goodwill - 205 and Mill Plain Donation Center	Columbia Willamette Goodwill	EPR00343	Clark
24	Goodwill 162nd Donations Express	Columbia Willamette Goodwill	EPR00343	Clark
25	Goodwill 38th and Main	Columbia Willamette Goodwill	EPR00343	Clark
26	Goodwill Andresen Marketplace Express	Columbia Willamette Goodwill	EPR00343	Clark
27	Goodwill Battleground Store	Columbia Willamette Goodwill	EPR00343	Clark
28	Goodwill Felida Country Store Donation Center	Columbia Willamette Goodwill	EPR00343	Clark
29	Goodwill Fishers Landing Store	Columbia Willamette Goodwill	EPR00343	Clark
30	Goodwill Hazel Dell Store	Columbia Willamette Goodwill	EPR00343	Clark
31	Goodwill Northgate Shopping Center	Columbia Willamette Goodwill	EPR00343	Clark
32	Goodwill Salmon Creek Store	Columbia Willamette Goodwill	EPR00343	Clark
33	Goodwill The Glen	Columbia Willamette Goodwill	EPR00343	Clark
34	Goodwill Vancouver Outlet	Columbia Willamette Goodwill	EPR00343	Clark
35	Goodwill Vancouver Store	Columbia Willamette Goodwill	EPR00343	Clark
36	Goodwill Washougal Donation Center	Columbia Willamette Goodwill	EPR00343	Clark
37	Washougal Transfer Station	Columbia Resource Company	EPR00754	Clark
38	West Vancouver Materials Recovery Center	Columbia Resource Company	EPR00754	Clark
39	Columbia County Transfer Station	Columbia County Public Works	EPR01028	Columbia
40	Goodwill Longview Store	Goodwill of the Olympics and Rainier Region	EPR00290	Cowlitz
41	Waste Control Recycling	Waste Control Recycling	EPR00443	Cowlitz
42	Goodwill East Wenatchee Store	Inland Northwest Goodwill	EPR00334	Douglas
43	Inchelium Community Center	Colville Confederated Tribes	EPR00578	Ferry
44	Keller Community Center	Colville Confederated Tribes	EPR00578	Ferry
45	Torboy Transfer Station	Ferry County Waste Management	EPR00487	Ferry

	<i>Collector Site Name</i>	<i>Operating Organization</i>	<i>EPR Number</i>	<i>County</i>
46	Goodwill Pasco Outlet	Goodwill Industries of the Columbia	EPR00871	Franklin
47	Goodwill Pasco Road 68	Goodwill Industries of the Columbia	EPR00871	Franklin
48	Goodwill Pasco Store	Goodwill Industries of the Columbia	EPR00871	Franklin
49	Tommy's Steel & Salvage	Tommy's Steel & Salvage	EPR00519	Franklin
50	CEP Recycle Garfield County	HHH	EPR00471	Garfield
51	CDSI Transfer & Recycle	Consolidated Disposal Service, Inc.	EPR00279	Grant
52	Consolidated Disposal Service	Consolidated Disposal Service, Inc.	EPR00279	Grant
53	Goodwill Moses Lake Store	Inland Northwest Goodwill	EPR00334	Grant
54	Goodwill Aberdeen Store	Goodwill of the Olympics and Rainier Region	EPR00290	Grays Harbor
55	Pay More Recycle and Salvage Inc. Aberdeen	Pay More Recycle and Salvage	EPR01202	Grays Harbor
56	PC Repair One - The Computer Shop	The Computer Shop	EPR01242	Grays Harbor
57	Waste Connections Inc dba Aberdeen Sanitation	Waste Connections Inc dba Aberdeen Sanit	EPR00522	Grays Harbor
58	Camano Island Transfer Station & Recycle Park	Island County Public Works SW Division	EPR00530	Island
59	Coupeville Island Recycling	Island Recycling	EPR00517	Island
60	Freeland Island Recycling	Island Recycling	EPR00517	Island
61	North Whidbey Drop Box Station	Island County Public Works SW Division	EPR00530	Island
62	Goodwill Port Townsend Store	Goodwill of the Olympics and Rainier Region	EPR00290	Jefferson
63	The Recycle Center	Skookum Environmental Service	EPR00267	Jefferson
64	3R Technology North Seattle	3R Technology	EPR00370	King
65	3R Technology South Seattle	3R Technology	EPR00370	King
66	Busby Junk Removal	Busby Junk Removal, LLC	EPR00466	King
67	COMMAND.COMputers E-Cycle	COMMAND.COMputers	EPR00865	King
68	Deseret Industries - Federal Way	Deseret Industries	EPR00546	King
69	Deseret Industries - Shoreline	Deseret Industries	EPR00546	King
70	EcoLights Northwest	Total Reclaim, Inc.	EPR00544	King
71	Enumclaw Recyclers	Enumclaw Recyclers	EPR00834	King
72	E-Recycle Mercer Island Site	E-Recycle	EPR00774	King
73	EWC Group, Inc	EWC Group, Inc	EPR00472	King
74	Friendly Earth International Inc.	Friendly Earth International	EPR00824	King
75	Goodwill Auburn Store	Goodwill of the Olympics and Rainier Region	EPR00290	King
76	Goodwill Ballard Donation Center	Seattle Goodwill	EPR00310	King
77	Goodwill Ballard Store	Seattle Goodwill	EPR00310	King
78	Goodwill Burien Store	Seattle Goodwill	EPR00310	King
79	Goodwill Capitol Hill	Seattle Goodwill	EPR00310	King
80	Goodwill Federal Way Store	Goodwill of the Olympics and Rainier Region	EPR00290	King
81	Goodwill Greenwood Donation Center	Seattle Goodwill	EPR00310	King
82	Goodwill Interbay Donation Center @ Whole Food	Seattle Goodwill	EPR00310	King
83	Goodwill Issaquah Donation Center	Seattle Goodwill	EPR00310	King
84	Goodwill Juanita Store	Seattle Goodwill	EPR00310	King
85	Goodwill Kent Outlet Store	Goodwill of the Olympics and Rainier Region	EPR00290	King
86	Goodwill Kent Store	Goodwill of the Olympics and Rainier Region	EPR00290	King
87	Goodwill Maple Valley Store	Goodwill of the Olympics and Rainier Region	EPR00290	King
88	Goodwill Northgate Donation Center	Seattle Goodwill	EPR00310	King
89	Goodwill Redmond (Bellevue) Store	Seattle Goodwill	EPR00310	King
90	Goodwill Redmond Ridge Donation Center	Seattle Goodwill	EPR00310	King
91	Goodwill Renton Store	Seattle Goodwill	EPR00310	King
92	Goodwill Sammamish Donation Center	Seattle Goodwill	EPR00310	King

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93	Goodwill Seattle Store	Seattle Goodwill	EPR00310	King
94	Goodwill Shoreline Store	Seattle Goodwill	EPR00310	King
95	Goodwill Snoqualmie Ridge	Seattle Goodwill	EPR00310	King
96	Goodwill South Lake Union	Seattle Goodwill	EPR00310	King
97	Goodwill Southcenter Store	Seattle Goodwill	EPR00310	King
98	Goodwill Totem Lake Donation Center	Seattle Goodwill	EPR00310	King
99	Goodwill University District Store Donation Center	Seattle Goodwill	EPR00310	King
100	Goodwill West Seattle Donation Center	Seattle Goodwill	EPR00310	King
101	Goodwill Woodinville Donation Center	Seattle Goodwill	EPR00310	King
102	Goodwill Woodinville P&R Donation Center	Seattle Goodwill	EPR00310	King
103	InterConnection Computer Reuse	InterConnection Computer Reuse	EPR00369	King
104	Kemer Computer Surplus	Kemer Computer Surplus	EPR01221	King
105	Lucky Leo's	Lucky Leo's LLC	EPR01256	King
106	Northwest Center Truck at Albertson's Safeway	Northwest Center	EPR00411	King
107	Northwest Center Truck at Carnation IGA Grocery	Northwest Center	EPR00411	King
108	Northwest Center Truck at Cottage Lake Safeway	Northwest Center	EPR00411	King
109	Northwest Center Truck at Pine Lake QFC	Northwest Center	EPR00411	King
110	Northwest Center Truck at QFC North Bend	Northwest Center	EPR00411	King
111	Northwest Center Truck at Redmond QFC	Northwest Center	EPR00411	King
112	Northwest Center Truck at Safeway	Northwest Center	EPR00411	King
113	Northwest Center Truck at Wilderness Village QFC	Northwest Center	EPR00411	King
114	Northwest Center Truck Interbay Whole Foods Ma	Northwest Center	EPR00411	King
115	Northwest Center Truck Queen Anne Diamond Par	Northwest Center	EPR00411	King
116	Northwest Center Truck West Seattle Key Bank Pkg	Northwest Center	EPR00411	King
117	Northwest Truck at Madrona Grocery Outlet	Northwest Center	EPR00411	King
118	NW Center Truck at Walmart Overflow Parking Sou	Northwest Center	EPR00411	King
119	NW Center Truck in Wedgwood	Northwest Center	EPR00411	King
120	Pacific Power Batteries of Kirkland	Pacific Power Batteries of Kirkland	EPR01224	King
121	PC Recycle - Bellevue	PC Recycle	EPR00220	King
122	PC Recycle - Woodinville	PC Recycle	EPR00220	King
123	Planet USA, LLC	American E-Cycling	EPR00975	King
124	Rain City Recycling, LLC	Rain City Recycling LLC	EPR01264	King
125	RE-PC Seattle	RE-PC	EPR00426	King
126	RE-PC Tukwila	RE-PC	EPR00426	King
127	Salvation Army Auburn Donation Site	The Salvation Army Seattle ARC	EPR00543	King
128	Salvation Army Ballard Fred Meyer Donation Site	The Salvation Army Seattle ARC	EPR00543	King
129	Salvation Army Burien Donation Site	The Salvation Army Seattle ARC	EPR00543	King
130	Salvation Army Family Store	The Salvation Army Seattle ARC	EPR00543	King
131	Salvation Army Federal Way Site	The Salvation Army Seattle ARC	EPR00543	King
132	Salvation Army Redmond Donation Site	The Salvation Army Seattle ARC	EPR00543	King
133	Salvation Army Renton Donation Site	The Salvation Army Seattle ARC	EPR00543	King
134	Salvation Army Renton Fred Meyer Donation Cent	The Salvation Army Seattle ARC	EPR00543	King
135	Salvation Army Seattle ARC	The Salvation Army Seattle ARC	EPR00543	King
136	Seattle Computers	Seattle Computers	EPR01233	King
137	St Vincent de Paul 1st Ave S	St Vincent de Paul Seattle/King County	EPR00525	King
138	St Vincent de Paul 4th Ave S	St Vincent de Paul Seattle/King County	EPR00525	King
139	St Vincent de Paul Aurora Ave N	St Vincent de Paul Seattle/King County	EPR00525	King

	<i>Collector Site Name</i>	<i>Operating Organization</i>	<i>EPR Number</i>	<i>County</i>
140	St Vincent de Paul Bothell Way NE	St Vincent de Paul Seattle/King County	EPR00525	King
141	St Vincent de Paul Kent	St Vincent de Paul Seattle/King County	EPR00525	King
142	St Vincent de Paul Renton	St Vincent de Paul Seattle/King County	EPR00525	King
143	Total Reclaim	Total Reclaim, Inc.	EPR00544	King
144	UpTeKK	UpTekk	EPR00491	King
145	Value Village Burien	Savers Recycling, Inc.	EPR00484	King
146	Value Village Issaquah	Savers Recycling, Inc.	EPR00484	King
147	Value Village Kent	Savers Recycling, Inc.	EPR00484	King
148	Value Village Kirkland	Savers Recycling, Inc.	EPR00484	King
149	Value Village Redmond	Savers Recycling, Inc.	EPR00484	King
150	Value Village Seattle 15th Ave NW	Savers Recycling, Inc.	EPR00484	King
151	Value Village Tukwila	Savers Recycling, Inc.	EPR00484	King
152	Value Village Woodinville	Savers Recycling, Inc.	EPR00484	King
153	VIDEO ONLY - Bellevue	Video Only, Inc.	EPR00855	King
154	VIDEO ONLY - Federal Way	Video Only, Inc.	EPR00855	King
155	VIDEO ONLY - TUKWILA	Video Only, Inc.	EPR00855	King
156	Bainbridge Island Recycling & Garbage Facility	Bainbridge Disposal	EPR00374	Kitsap
157	Bremerton St. Vincent dePaul	St Vincent de Paul Bremerton	EPR00494	Kitsap
158	Goodwill Bainbridge Island Don. Center	Seattle Goodwill	EPR00310	Kitsap
159	Goodwill Bremerton Store	Seattle Goodwill	EPR00310	Kitsap
160	Goodwill Port Orchard Store	Seattle Goodwill	EPR00310	Kitsap
161	Goodwill Silverdale Store	Seattle Goodwill	EPR00310	Kitsap
162	Olympic View Transfer Station	Waste Management of Washington	EPR00264	Kitsap
163	Peninsula All Shred	All Shred	EPR00502	Kitsap
164	Goodwill Ellensburg Store	Goodwill of the Olympics and Rainier Region	EPR00290	Kittitas
165	Kittitas Valley Recycling - Ellensburg	Kittitas Valley Recycling	EPR00515	Kittitas
166	Republic Services Div 4178 - Goldendale Transfer	Republic Services Div 4178	EPR00482	Klickitat
167	Goodwill Centralia Store	Goodwill of the Olympics and Rainier Region	EPR00290	Lewis
168	Tiger Mountain Technologies	Tiger Mountain Technologies	EPR00707	Lewis
169	Visiting Nurses Thrift Store	Visiting Nurses Foundation	EPR00937	Lewis
170	Visiting Nurses Thrift Store	Visiting Nurses Foundation	EPR00937	Lewis
171	Lincoln County Transfer Station	Lincoln County Transfer Station	EPR00367	Lincoln
172	Goodwill Shelton Store	Goodwill of the Olympics and Rainier Region	EPR00290	Mason
173	Pay More Recycle and Salvage Inc Shelton	Pay More Recycle and Salvage	EPR01202	Mason
174	Green Okanogan	Green Okanogan	EPR00572	Okanogan
175	Methow Recycles	Methow Recycles	EPR00298	Okanogan
176	Nespelem Recycling Center	Colville Confederated Tribes	EPR00578	Okanogan
177	Omak Community Center	Colville Confederated Tribes	EPR00578	Okanogan
178	Pacific Solid Waste Disposal	Pacific Solid Waste Disposal Inc	EPR00371	Pacific
179	Royal Heights Transfer Station	Royal Heights Transfer Station	EPR00488	Pacific
180	Ione Transfer Station	Pend Oreille Co Public Works	EPR00404	Pend Oreille
181	Newport Transfer Station	Pend Oreille Co Public Works	EPR00404	Pend Oreille
182	Usk Transfer Station	Pend Oreille Co Public Works	EPR00404	Pend Oreille
183	Affordable Computer Service	Affordable Computer Service	EPR00418	Pierce
184	Goodwill 38th Street Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
185	Goodwill 72nd Street Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
186	Goodwill Bonney Lake Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce

	<i>Collector Site Name</i>	<i>Operating Organization</i>	<i>EPR Number</i>	<i>County</i>
187	Goodwill Gig Harbor Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
188	Goodwill Lakewood Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
189	Goodwill North Tacoma Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
190	Goodwill Purdy Transfer Donation Station	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
191	Goodwill Puyallup Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
192	Goodwill South Hill Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
193	Goodwill South Tacoma Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
194	Goodwill Spanaway Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
195	Goodwill Tacoma Outlet Store	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
196	Goodwill Tacoma Refuse/Recycling Donation Station	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
197	Goodwill University Place Refuse/Recycle Station	Goodwill of the Olympics and Rainier Region	EPR00290	Pierce
198	Green PC	Green PC	EPR00520	Pierce
199	Joint Base Lewis-McChord Recycle Center	LeMay Inc	EPR00529	Pierce
200	McChord Recycling Center	LeMay Inc	EPR00529	Pierce
201	Recycling Resources	Recycling Resources	EPR00877	Pierce
202	Salvation Army Bonney Lake Donation Site	The Salvation Army Seattle ARC	EPR00543	Pierce
203	Salvation Army Puyallup Donation Site	The Salvation Army Seattle ARC	EPR00543	Pierce
204	St. Vincent de Paul S. 56th St.	St Vincent de Paul Tacoma	EPR00561	Pierce
205	St. Vincent de Paul Summit	St Vincent de Paul Tacoma	EPR00561	Pierce
206	Value Village Puyallup	Savers Recycling, Inc.	EPR00484	Pierce
207	Value Village University Place	Savers Recycling, Inc.	EPR00484	Pierce
208	VIDEO ONLY - Tacoma	Video Only, Inc.	EPR00855	Pierce
209	Lopez Solid Waste Disposal District	Lopez Solid Waste Disposal District	EPR01022	San Juan
210	Orcas Recycling Services	Orcas Recycling Services	EPR00512	San Juan
211	San Juan Transfer Station	Lautenbach Industries LLC	EPR01239	San Juan
212	Anacortes Aktion Club	Anacortes Aktion Club	EPR00523	Skagit
213	Goodwill Mount Vernon Store	Seattle Goodwill	EPR00310	Skagit
214	Pacific Power Batteries Mount Vernon	Pacific Power Batteries	EPR00967	Skagit
215	Sedro-Woolley City Recycling Facility	City of Sedro-Woolley	EPR00324	Skagit
216	Value Village Mt Vernon	Savers Recycling, Inc.	EPR00484	Skagit
217	Mt. Pleasant Transfer Facility	Skamania County Solid Waste Division	EPR00358	Skamania
218	Stevenson Transfer Facility	Skamania County Solid Waste Division	EPR00358	Skamania
219	Underwood Transfer Facility	Skamania County Solid Waste Division	EPR00358	Skamania
220	Ace Metal Company and Mukilteo Recycling Center	Ace Metal Company	EPR00557	Snohomish
221	Appliance Recycling Outlet	Appliance Recycling Outlet	EPR00486	Snohomish
222	Eman computer Care	Eman Computer Care and Data Recovery	EPR00052	Snohomish
223	Eman Computer Care	Eman Computer Care and Data Recovery	EPR00052	Snohomish
224	E-Waste, LLC - Lynnwood	E-Waste LLC	EPR00445	Snohomish
225	Goodwill Edmonds Store	Seattle Goodwill	EPR00310	Snohomish
226	Goodwill Everett Store	Seattle Goodwill	EPR00310	Snohomish
227	Goodwill Lynnwood Store	Seattle Goodwill	EPR00310	Snohomish
228	Goodwill Martha Lake Donation Center	Seattle Goodwill	EPR00310	Snohomish
229	Goodwill Marysville Store	Seattle Goodwill	EPR00310	Snohomish
230	Goodwill Monroe Store	Seattle Goodwill	EPR00310	Snohomish
231	Goodwill Snohomish Donation Center	Seattle Goodwill	EPR00310	Snohomish
232	Goodwill South Everett Store	Seattle Goodwill	EPR00310	Snohomish
233	Kiwanis Recycle	Stanwood Camano Kiwanis	EPR01059	Snohomish

	<i>Collector Site Name</i>	<i>Operating Organization</i>	<i>EPR Number</i>	<i>County</i>
234	Northwest Center Mukilteo	Northwest Center	EPR00411	Snohomish
235	Northwest Center Truck at Lake Stevens Albertson	Northwest Center	EPR00411	Snohomish
236	Northwest Center Truck at Thrasher's Corner	Northwest Center	EPR00411	Snohomish
237	Pacific Power Batteries Everett	Pacific Power Batteries	EPR00967	Snohomish
238	Pacific Power Batteries Marysville	Pacific Power Batteries	EPR00967	Snohomish
239	Pacific Power Batteries Mountlake Terrace	Pacific Power Batteries	EPR00967	Snohomish
240	Salvation Army Marysville Donation Site	The Salvation Army Seattle ARC	EPR00543	Snohomish
241	Salvation Army Mill Creek Donation Site	The Salvation Army Seattle ARC	EPR00543	Snohomish
242	St. Vincent de Paul Everett	St Vincent de Paul Northsound	EPR00560	Snohomish
243	St. Vincent de Paul Monroe	St Vincent de Paul Northsound	EPR00560	Snohomish
244	Truck On Call	Truck On Call	EPR00528	Snohomish
245	Value Village Edmonds	Savers Recycling, Inc.	EPR00484	Snohomish
246	Value Village Everett	Savers Recycling, Inc.	EPR00484	Snohomish
247	Value Village Lynnwood	Savers Recycling, Inc.	EPR00484	Snohomish
248	Value Village Marysville	Savers Recycling, Inc.	EPR00484	Snohomish
249	VIDEO ONLY - Lynnwood	Video Only, Inc.	EPR00855	Snohomish
250	APB AUTO PARTS	Auto Parts Barn, Inc.	EPR00904	Spokane
251	DeVries Business Services	DeVries Business Services	EPR00914	Spokane
252	Goodwill Airway Heights Donor Service Center	Inland Northwest Goodwill	EPR00334	Spokane
253	Goodwill Cheney Donor Service Center	Inland Northwest Goodwill	EPR00334	Spokane
254	Goodwill Dishman-Appleway Donor Service Center	Inland Northwest Goodwill	EPR00334	Spokane
255	Goodwill Downtown Spokane Plant/Dock Donation	Inland Northwest Goodwill	EPR00334	Spokane
256	Goodwill Francis Donor Service Center	Inland Northwest Goodwill	EPR00334	Spokane
257	Goodwill Mt. Spokane Donor Service Center	Inland Northwest Goodwill	EPR00334	Spokane
258	Goodwill North Division Y Donor Service Center	Inland Northwest Goodwill	EPR00334	Spokane
259	Goodwill North Nevada Store	Inland Northwest Goodwill	EPR00334	Spokane
260	Goodwill NW Blvd Store	Inland Northwest Goodwill	EPR00334	Spokane
261	Goodwill South Hill 57th Donor Service Center	Inland Northwest Goodwill	EPR00334	Spokane
262	Goodwill South Hill Store Donor Service Center	Inland Northwest Goodwill	EPR00334	Spokane
263	Goodwill Spokane Valley Store	Inland Northwest Goodwill	EPR00334	Spokane
264	Goodwill Spokane Warehouse/Outlet	Inland Northwest Goodwill	EPR00334	Spokane
265	Goodwill Veradale Donor Service Center	Inland Northwest Goodwill	EPR00334	Spokane
266	Goodwill Wandermere Donor Service Center	Inland Northwest Goodwill	EPR00334	Spokane
267	Inland ReTech	Electronic Recycling, LLC dba Inland ReT	EPR00335	Spokane
268	Recycle Techs	Recycle Techs	EPR00478	Spokane
269	Recycle Techs North	Recycle Techs	EPR00478	Spokane
270	Refine Computers	Refine Computers	EPR01258	Spokane
271	The Salvation Army Thrift Store, Spokane	The Salvation Army Seattle DHQ	EPR00470	Spokane
272	The Salvation Army Thrift Store, Spokane Valley	The Salvation Army Seattle DHQ	EPR00470	Spokane
273	Value Village Spokane E Sprague	Savers Recycling, Inc.	EPR00484	Spokane
274	Value Village Spokane W Boone	Savers Recycling, Inc.	EPR00484	Spokane
275	VIDEO ONLY - Spokane	Video Only, Inc.	EPR00855	Spokane
276	Goodwill Colville Store	Inland Northwest Goodwill	EPR00334	Stevens
277	Goodwill Hawks Prairie Landfill/Recycle Station	Goodwill of the Olympics and Rainier Region	EPR00290	Thurston
278	Goodwill Olympia Outlet	Goodwill of the Olympics and Rainier Region	EPR00290	Thurston
279	Goodwill Olympia Store	Goodwill of the Olympics and Rainier Region	EPR00290	Thurston
280	Goodwill South Lacey Store	Goodwill of the Olympics and Rainier Region	EPR00290	Thurston

	<i>Collector Site Name</i>	<i>Operating Organization</i>	<i>EPR Number</i>	<i>County</i>
281	Goodwill Yelm Store	Goodwill of the Olympics and Rainier Region	EPR00290	Thurston
282	Regency Technologies	Regency Technologies	EPR01013	Thurston
283	State Surplus Tumwater Site	Department of Enterprise Services / State Surplus	EPR00480	Thurston
284	Value Village Lacey	Savers Recycling, Inc.	EPR00484	Thurston
285	Stanley's Sanitary Service (closed Mid 2019)	Stanley's Sanitary Service LLC (closed Mid 2019)	EPR00493	Wahkiakum
286	CEP Recycle Walla Walla	HHH	EPR00471	Walla Walla
287	Goodwill Walla Walla Store	Goodwill Industries of the Columbia	EPR00871	Walla Walla
288	Lillie Rice Center, Inc	Lillie Rice Center, Inc	EPR01223	Walla Walla
289	Walla Walla Recycling	Walla Walla Recycling Inc	EPR00496	Walla Walla
290	1PC LLC	1PC LLC	EPR01251	Whatcom
291	Goodwill Bellingham Store	Seattle Goodwill	EPR00310	Whatcom
292	Safe And Easy Recycling - Bellingham	Safe And Easy Recycling	EPR00397	Whatcom
293	Safe And Easy Recycling -Lynden/North County	Safe And Easy Recycling	EPR00397	Whatcom
294	The Salvation Army Thrift Store, Bellingham	The Salvation Army Seattle DHQ	EPR00470	Whatcom
295	Value Village Bellingham	Savers Recycling, Inc.	EPR00484	Whatcom
296	Goodwill Pullman Donor Service Center	Inland Northwest Goodwill	EPR00334	Whitman
297	Pullman Disposal Shop	Pullman Disposal Service, Inc.	EPR00299	Whitman
298	Goodwill Selah Store	Goodwill of the Olympics and Rainier Region	EPR00290	Yakima
299	Goodwill Sunnyside Store	Goodwill Industries of the Columbia	EPR00871	Yakima
300	Goodwill Union Gap Store	Goodwill of the Olympics and Rainier Region	EPR00290	Yakima
301	Goodwill Yakima Store	Goodwill of the Olympics and Rainier Region	EPR00290	Yakima
302	Sunnyside Christian Thrift Shop	Sunnyside Christian Thrift Shop	EPR00566	Yakima
303	The Salvation Army Thrift Store, Union Gap	The Salvation Army Seattle DHQ	EPR00470	Yakima
304	The Salvation Army Thrift Store, Yakima	The Salvation Army Seattle DHQ	EPR00470	Yakima
305	Union Gospel Mission Yakima	Union Gospel Mission Yakima	EPR00568	Yakima
306	Yakima Waste Systems - Granger	Yakima Waste Systems, Inc.	EPR00463	Yakima
307	Yakima Waste Systems - Yakima	Yakima Waste Systems, Inc.	EPR00463	Yakima

Processors participating in WMMFA Standard Plan - Description of processes and methods Reference to compliance audits 2019

The information listed below represents a summary of processor locations and processing methods of each of the approved processors participating in the Standard Plan. Processes listed include all registered processors utilized for any quantity of materials in 2019 with the data provided based on most recent audits. For the most current compliance audit report see "Compliance audit reports for direct processors of covered electronics" at the link below

[E-Cycle Registered Processor Audits Link](#)

Ace Metal Company, 11110 Mukilteo Speedway #202, Mukilteo, WA 98275		James Yoo	(425)493-6802
Material Of Concern	Recycling Process	Fate of Recycling Process	End of life processing-Destination Country
CRT Glass	Removed from CEP by hand dismantling. Panel and funnel seperated and all metal removed	Materials reused in concrete products Seperated, smelted and used for glass tiles and other products	Netherlands/Korea
Circuit Boards	Removed from CEP by hand dismantling	Precious metals recovery	Japan
Batteries	Hand removed from CEP and sorted by type and packaged	Make new batteries	USA
Mercury Devices	Hand removed from CEP managed as universal waste	Retort Mercury Recovery	USA
Non-Materials of Concern	Recycling Process	Fate of Recycling Process	Destination
Steel	Hand removed from CEP and sorted	Metal Recovery	USA
Plastics	Hand removed from CEP and sorted	Plastic Recovery	Malaysia/China
Insulated Wire	Hand removed from CEP and sorted	Metal Recovery	USA
Aluminum	Hand removed from CEP and sorted	Metal Recovery	USA
Wood	Hand removed from CEP and sorted	Wood Recovery	USA

EWC Group, 410 Andover Park E., Tukwila, WA 98188		James Piek (206)767-9950	
Material Of Concern	Recycling Process	Fate of Recycling Process	End of life processing-Destination Country
CRT Glass	Manually removed from CEP; separate panels, metals, and all other residuals	Glass to glass; all materials reused in new glass products or tiles	Mexico /Korea
Circuit Boards	Manually removed from CEP	Primary smelter for precious metal recovery	Japan
Batteries	Manually removed from CEP and sorted by type	Metal Recovery	U.S.
Mercury Devices	Manually removed from CEP and managed as Universal Waste	Mercury recovery	U.S.
Non-Materials of Concern	Recycling Process	Fate of Recycling Process	Destination
Steel	Manually removed from CEP	Metal recovery	U.S. / Hong Kong
Plastics	Manually removed from CEP	Plastic Recovery	Canada / U.S.
Insulated Wire	Manually removed from CEP	Metal recovery	Japan/ U.S.

E-WASTE LLC, 12424 Beverly Park Rd Suite A-4, Lynnwood, WA 98036		Sam or Paul Kim (425)239-4118	
Material Of Concern	Recycling Process	Fate of Recycling Process	End of life processing-Destination Country
CRT Glass	It is removed from CRT TV's and monitors during disassembly process	Product manufacturing for production of ceramic tiles	Canada
Circuit Boards	Removed from CEP by hand-dismantling	Precious metals recovery	Belgium, Japan
Batteries	Removed manually and sorted by type.	Metal Recovery	USA, Canada
Mercury Containing Lamps	Hand-removed from CEP by hand dismantling, managed as universal waste.	Mercury Recovery	USA
Non-Materials of Concern	Recycling Process	Fate of Recycling Process	Destination
Steel	Removed from CEP by hand-dismantling.	Metal Recovery	USA
Plastics	Removed from CEP by hand-dismantling.	Plastic Recovery	Malaysia
Insulated wire	Removed from CEP by hand-dismantling.	Metal Recovery	Japan
Aluminum	Removed from CEP by hand-dismantling.	Metal Recovery	Japan

ERI Inc., 2302 West Valley Highway, Ste 300., Auburn, WA 98001		Aaron Blum (206)577-1490	
Material Of Concern	Recycling Process	Fate of Recycling Process	End of life processing-Destination Country
CRT Glass	It is removed from CEP and screen and metal gun removed.	Glass to tile manufacturing or glass to glass.	Mexico, Spain, India
Circuit Boards	Boards are removed from CEP by manual separation. They are then sent to our Fresno facility for shredding.	Precious Metals Recovery	USA, Japan, Belgium, South Korea
Batteries	Removed manually and sorted by type	Metal Recovery	All Types: USA
Mercury devices	Removed manually and managed as universal waste.	Mercury Recovery	US
Non-Materials of Concern	Recycling Process	Fate of Recycling Process	Destination
Steel	Removed Manually and sent to Fresno to be shredded	Metal Recovery	US
Plastics	Removed manually from CEP and baled	Plastics Recovery	US
Insulated Wire	Removed manually	Metal Recovery	US
Aluminum	Removed manually	Metal Recovery	US

Metro Metals, 2202 East River Road, Tacoma, WA 98421		2401 St. Francis Lane, Vancouver, WA 98660 Paul Olson (253)272-2364	
Material Of Concern	Recycling Process	Fate of Recycling Process	End of life processing-Destination Country
CRT Glass	Hand dismantle and remove intact whole tube from CEP, package to prevent release	Smelter. Byproducts used as cement or tile additive	Korea/Canada
Circuit Boards	Removal of batteries, sort, and/or shred	Primary smelter for recovery of metals	Japan
Batteries	Hand sort by type and package for shipment	Metal recovery via recycling (lithium, nickel)	U.S.
Mercury Devices	Hand removed from CEP, package to prevent release	Mercury retort, elemental mercury recovery	U.S.
Non-Materials of Concern	Recycling Process	Fate of Recycling Process	Destination
Steel	Removed from CEP by shredding or hand dismantling	Metal Recovery	U.S.
Plastics	Shredded and included with the circuit boards	Primary smelter	Japan
Insulated Wire	Removed by hand or shredding process	Metal Recovery	U.S. or Japan

Aluminum	Removed by shredding or by hand from the CEP	Metal Recovery	Japan, U.S.
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Universal Rectcling Technologies, LLC, 10151 SE Jennifer St., Clackamas, OR 97015 **Doug Reese** **(503)722-2236**

Material Of Concern	Recycling Process	Fate of Recycling Process	End of life processing-Destination Country
CRT Glass	Glass is crushed and inserted into the tile making process	Tile and lead recovered	Canada and USA
Circuit Boards	Removed from CEP by automated seperation and shred process	Smelted/refined for prescious metal recovery	Japan, France, USA
Batteries	Hand removed from CEP or received in as batteries seperately. Hand sorted by type	Metal Recovery	U.S.
Mercury devices	Received in as mercury devices seperately. Hand sorted by type and shipped	Mercury recovery/retort	U.S.
Non-Materials of Concern	Recycling Process	Fate of Recycling Process	Destination
Ferrous Metals	Removed from CEP by automated seperation process	Metal recovery	U.S.
Plastics	Manual Sorting, Washing/Drying, Shredding/Granulation, Blending, Compounding of plastic materials	Plastics recovery	U.S., Malaysia, Canada
Non-Ferrous Metals	Removed from CEP by automated seperation and sorting process	Metal recovery	U.S., South Korea, Japan

NOTE: For a complete history of the WMMFA's outreach efforts please view prior year's annual reports. Outreach efforts 2016-2018 described here.

For 2016 outreach efforts continued in a similar manner as 2014 - 2015 to ensure that information about where, how, and why to recycle CEP's was available to all state residents - especially smaller counties identified as having lower collection per capita than the state wide average. Specifically:

Billboards placed:

- Shelton, WA Hwy 101 North of Air view way - 12 weeks
- Wenatchee, WA N. Miller St and N Wenatchee Ave. S - 12 weeks
- Wenatchee, WA various rotating metro locations- 16 weeks
- Quincy, WA Hwy 281 and Hwy 28N - 12 weeks
- Yakima, WA 6 locations various metro - 6 each at 16 weeks each
- Tri Cities, WA 6 locations various metro - 5 each at 5 weeks each
- Shelton, WA Hwy 101 North of Air view way - 4 weeks

In 2016 the WMMFA also contracted for Mobile ads generated via proximity to the billboard campaign ads. The mobile campaign in the Tri Cities area generated a click thru rate of .55% Secondary Action rate of 12.22% by utilization of the billboards and landing page as illustrated below (over a one month period). The mobile campaigns in the Quincy, Yakima, Shelton, and Quincy areas had a similar click thru rate and secondary action rate of 5.52%



Consumer sees OOH advertisement



Consumer sees complementing ad on phone allowing for immediate action.



Ad delivers critical information, such as distance to business location and opportunities for more information.



Clicking the ad leads to a customized landing page, leading to trackable actions such as:

- Driving directions
- Contact info
- Special offers
- Form fill

Other outreach utilized in 2016 (as in previous years) include a 50% or more co-operative advertising expenditure sharing with some of our collectors. Pend Oreille County Public Works (Newport, WA and E-Cycle Northwest - Sequim, WA) have been among participants in 2016. The outreach efforts as described here and as undertaken in 2016 are a cumulative ongoing effort. Posters, brochures, and co-op venues are a mainstay used throughout every year.

2017:

The WMMFA, based, in part, on input from Ecology purchased 36 weeks of billboard advertising in Longview, WA at the major intersection of Oregon Way and Industrial Avenue. Full size billboards were also placed in Centralia for 24 weeks at two locations. 12 weeks at W. Main and Cedar Street and 24 weeks at NE Kresky and NE Hampe Way.

The WMMFA also purchased 120 each 30 second radio spots on KIRO FM for broadcast within the Seattle listening area during prime driving times for the months of March and April of 2017. These radio spots were designed to emphasize the free recycling services provided by E-Cycle Washington as provided by the manufacturers through the WMMFA and to direct listeners to the E-Cycle WA web site to find a drop off site closest to them.

Throughout 2017 a major re-branding campaign was also undertaken by re-issuing new laminated poster sets and brochures (outdoor or indoor use) to over 60 collection site operators for use.

2018:

26 consecutive weeks of a print ad in The Giant Nickel (Tri-Cities WA area). The GIANT Nickel is published weekly as a regional classified want-ad buy/sell flyer. Circulation of the flyer is via multiple retail establishments and is available free of charge to consumers and households. Circulation area includes: Basin City, Benton City, Burbank, Connell, Ellensburg, Eltopia, Finley, Grandview, Granger, Kennewick, Mesa, Moses Lake, Othello, Pasco, Prosser, Richland, Sunnyside, Toppenish, Tri Cities, Union Gap, Walla Walla, Wapato, Warden, West Richland, Yakima, and Zillah. This particular outreach was dedicated to one processor, Clayton Ward Kennewick, in order to evaluate the impact of this type of outreach to a particular target collector. The results of the outreach are inconclusive at the time of this report submission.

The Authority reprinted 5000 English and Spanish brochures (example previously illustrated in prior editions of this section) and 600 laminated posters intended to be posted inside or out of all collector facilities . This inventory is meant to fulfill requests from collectors and other covered or non-covered entities that wish to inform the public of electronic product recycling opportunities. Replacement posters that degrade over time are replaced upon demand. Brochures are distributed to collectors and other locations upon request and automatically to collectors requesting posters.

The WMMFA contracted with Viamedia, Inc. to run a total of 600 each 15 second television ads created with the help of ecology based on our original video production produced in 2010 and referenced earlier in this section. These ads promoted E-Cycle Washington and were run during the Winter Olympics February 8th through February 25th on networks: USA, NBCS, MSNBC & CNBC. 720 15 minute ads were also run in February on channels HGTV, FOOD, CNN, A&E, Bravo, AMC, FS1, Freeform, SYFY, Hallmark, TRU, LMN,OWN, HLN,NFL and the NBA All Star Game.

In March of 2018 the WMMFA sponsored 190 each 15 second ads during the College Basketball March Madness season (March 13-April 2). Another 720 of these ads were run in March on the same networks as referenced in the February run. In a cooperative effort with the Department of Ecology the Authority sponsored the printing and insertion of E-Cycle Washington promotional material as shown below to approximately 150,000 households in Douglas and Spokane Counties.

In a cooperative effort with the Department of Ecology the Authority sponsored the printing and insertion of E-Cycle Washington promotional material (a utility bill insert) as shown below to approximately 150,000 households in total within Douglas and Spokane Counties.



E-CYCLE
washington

recycle tvs, computers,
laptops and monitors



-  **E-CYCLE Washington is FREE!**
Electronics manufacturers pay for and provide this recycling program. It is available to households, small businesses, schools, charities and small government.
-  **E-CYCLE Washington is EASY!**
Convenient collection sites are available year round.
-  **E-CYCLE Washington recycles RESPONSIBLY!**
Participating recyclers must follow environmentally sound management practices.

... small effort, big return

www.ecyclewashington.org | 1.800.RECYCLE

2019:

After distributing approximately 6000 E-Cycle brochures throughout 2018 the Authority reprinted another 6000 brochures (5000 English and 1000 Spanish) for distribution in 2019 (sample brochure previously illustrated in prior editions of this section). The entire quantity of brochures printed for 2019 (6000) were distributed. In addition approximately 350 laminated posters used for the branding of E-Cycle locations were distributed to collection sites around the state. Inventory of brochures and laminated posters is maintained to fulfill requests from collectors and other covered or non-covered entities that wish to inform the public of electronic product recycling opportunities. Replacement posters used outdoors that degrade over time are replaced upon demand. Brochures are distributed to collectors and other locations upon request and automatically to collectors requesting posters.

In 2018, as described previously, the WMMFA contracted with Viamedia, Inc. to run a total of 600 each 15 second television ads created with the help of Ecology. For 2019 the Authority focused on billboards in more remote and less populated counties and communities. Specifically, roadside poster and full size bulletin boards were placed along highways surrounding Ephrata, Sequim, and Port Angeles, WA September through early December 2019. Another billboard campaign September through October included billboards and rotational posters in/near Bellingham, Burlington, Mt. Vernon, Wenatchee, Yakima, and Kitsap County, WA. Using a more aggressive and "targeted" approach for Spokane, WA the authority blitzed the Spokane metro area with billboards on major thoroughfares around Spokane including Market Street, Crestline, Bridgeport, Trent, Sprague, Freya, Progress, Ivory, Lily, Euclid, and Maple avenues for the months of May through July 2019.

In a cooperative effort with the Department of Ecology the Authority sponsored the printing and insertion of E-Cycle Washington promotional material (a utility bill insert) as shown below to approximately 50,000 households in total within the communities of Anacortes, Asotin County, Mount Vernon, Pasco, and Pullman

The Authority also placed quarter and half page newspaper ads in the Kittitas County Rodeo program (single event ad), Omak Stamped newspaper, and, the Peninsula Daily News (covering Clallam and Jefferson county) for the months of May through August 2019



E-CYCLE
washington

recycle tvs, computers,
laptops and monitors



-  **E-CYCLE Washington is FREE!**
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www.ecyclewashington.org | 1.800.RECYCLE

Materials of Concern Export information

The preferred environmental standards that all processors contracted with the WMMFA must subscribe to require that any materials of concern (materials that present potential risk to humans or the environment) exported to a NON-OECD (Organization for Economic Co-operation and Development) member country have approval from the destination country and confirmation from the US Environmental Protection Agency.

Total weight of all materials of concern, including unwanted electronic products, electronic components, and electronics scrap collected by the WMMFA that have been exported from Washington state for plan year 2019, from processors used by the WMMFA, to countries that are not members of the Organization for Economic Co-operation and Development or the European Union = 0. This information is provided to the WMMFA by each processor. Destination countries for "materials of concern", and non- materials of concern, where provided by processor, (commodities) can be found in section 5.c.d. of this report

NOTE: The WMMFA annual report submitted in 2015 indicated that zero pounds of materials of concern (MOC) were exported to NON-OECD countries. In early 2016 we learned that one of our processors, Total Reclaim, had been exporting flat screen devices to Hong Kong, which is not a member of the OECD. The amount of devices shipped to Hong Kong was estimated at approximately 1.5 million pounds for 2015, or, 3.5% of all pounds collected in 2015. It was also determined that a quantity equating to approximately 1.9% of all devices collected since start up were exported to Hong Kong by this processor.

List of CEP Manufacturers participating in the Standard Plan 2019*

* Note: Not all manufacturers listed actually received an invoice for sharing of WMMFA expenses. Actual invoices (plan share of expenses) were based on the total "market" shares (by weight), for all of the covered products accepted free of charge by the E-Cycle Washington program of each listed manufacturer holding a market share greater than .0003% of the total market share by weight of all participants for the brands they are responsible for.

1	3M Touch Systems
2	3MD Inc.
3	4th Dimension Computer
4	Acer America Corp
5	ADT LLC dba ADT Security Services
6	Afunta LLC
7	Amazon Fulfillment Services, Inc.
8	AMDOE, LLC
9	Amelia World Corp d/b/a LINSAY
10	American Future Tech Corp dba iBuypower
11	American Sunrex Corporation
12	Andteck
13	Angel Computer Systems Inc
14	Apple
15	Associated Computer Specialists
16	Asus Computer International
17	Atyme Corporation, Inc.
18	AWA Technology Inc.
19	Axess Products Corporation
20	Aydin Displays
21	Azpen Innovation, Inc.
22	Azulle
23	Bang & Olufsen
24	Barco, Inc.
25	Barnes&Noble.com LLC
26	BenQ America Corp
27	Bereson USA
28	Best Buy
29	BLU
30	Bosch Security Systems, Inc.
31	Cabeli Team America Limited
32	Caytan Enterprise (Vilros)
33	CBC (America) Corp
34	Cellco Partnership dba Verizon Wireless
35	China America Electronics Corp.Ltd.

List of CEP Manufacturers participating in the Standard Plan 2019*

36	CHUWI INNOVATION AND TECHNOLOGY CO.LTD
37	Coastline Micro Inc.
38	Computer Connections
39	Computer Nut Hut
40	Computer Technology Link
41	Computer Works of Yakima Inc
42	Corsair
43	Craig Electronics, Inc
44	Crosley Corp.
45	Curtis International Ltd
46	Custom Computer Sales & Svc
47	Cutting Edge Computer Solutions
48	CWD limited
49	CyberPower
50	Cybertron International, Inc
51	Cycrest Systems Inc.
52	Dat-a-Way Computer Solutions
53	DeerBrook Electronics, LLC
54	Deli Stationery, Inc.
55	Dell Computer Corp
56	Diaotec
57	DigiLand Products
58	Digimaxis LLC
59	Dongguan Sainstore E-commerce Limited Co
60	DoubleSight Displays
61	DPI Inc
62	Durabook Americas Inc.
63	Dynabook Americas, Inc.
64	Ecost Electronics Ltd.
65	ECTACO, Inc.
66	EIZO Inc.
67	Element TV Company, LP
68	Elite Lux Technologies Inc.
69	Elitegroup Computer Systems
70	Elo Touch Solutions, Inc
71	Eluktronics, Inc.
72	Ematic
74	Emerson Radio Corp
75	Envision Peripherals Inc
76	Epik Learning, LLC

List of CEP Manufacturers participating in the Standard Plan 2019*

77	Equus Compute Solutions
78	EverFocus Electronics Corporation
79	Evervue USA
80	F5CS LTD LLC
81	Facebook Technologies LLC
82	Falcon Northwest
83	Friendly Computers / Computer Renaissance
84	Fujitsu America, Inc.
86	Funai Corporation, Inc.
87	FY International LLC
88	GAEMS, Inc.
89	General Digital
90	Gigabyte
91	Global Phoenix Computer Technologies Solutions
92	Google LLC
93	Grand Electronics, Inc.
94	Grays Harbor Computer Svc
95	Greentech Energy Solutions Inc.
96	GVISION USA, Inc.
97	Haier America
98	Harman International, Industries, Inc.
99	HH Elements, Inc
100	Himalaya Trading Inc
101	Hisense USA Corp
102	Hitachi America, LTD. Digital Media Division
103	HK Contrum Electronic Limited
104	HP Inc
105	HTC America, Inc.
106	Huawei Device USA, Inc.
107	Hyundai IT America Corp.
108	ICI Touch Technology Inc.
109	Idolian Mobile, Inc.
110	Ikegami Tsushinki Ltd.
111	InFocus Corp
112	Innovative Technology
113	Inspira Technologies LLC
114	Integrity Computers and Networking
115	Intel
116	International Business Machines Corp.
117	I-O Corporation
118	J & N Computer Service
119	Johnson Health Tech Co., Ltd
120	JVC KENWOOD USA Corp

List of CEP Manufacturers participating in the Standard Plan 2019*

121	Kaser Corp.
122	KD Group
123	Kobo Inc
124	L&S Enterprise Group Corp.
125	LALBAY
126	Last Stop Computers
127	Lenovo
128	Lexibook America
129	LG Electronics USA Inc
130	Lilliput Electronics Co, Ltd
131	Lorex Technology Inc.
132	Macari Baby, Inc.
133	Main Business Systems
134	Majestic Global USA
135	Marvel Entertainment, LLC
136	Mattel, Inc.
137	Michley Electronics Inc
138	Microsoft Corporation
139	Mimo Inc
140	Minno LLC
141	Mitsubishi Electric US, Inc.
142	Modbook, Inc.
143	Modern Office Equipment
144	Motorola Mobility LLC
145	MSI Computer
146	MTM Trading LLC
147	Music Computing
148	Naxa Electronics, Inc.
149	NCS Technologies, Inc
150	NEC Display Solutions
151	Nickelodeon & Viacom Consumer Products
152	Nixeus Technology, Inc.
153	NVIDIA Corp
154	On Line Support Inc
155	Optoma Technology Inc
156	Oracle America Inc
157	OREI
158	Osram Sylvania
159	Pacific IT Services LLC
160	Panasonic Corporation of North America
161	Parsec Computer
162	PC Recycle
163	PDi Communication Systems, Inc.
164	Peerless-AV
165	Pelco

List of CEP Manufacturers participating in the Standard Plan 2019*

166	Peloton
167	Perfection PC Inc.
168	Philips Electronics
169	Planar Systems Inc
170	Plexon, Inc.
171	PLR IP Holdings, LLC
172	Pogo Linux, Inc.
173	Precor Incorporated
174	Premio, Inc
175	Proexpress Distributor, LLC
176	Prostar Computer, Inc
177	Puget Sound Systems Inc.
178	Purism, Inc
179	Pyle Audio
180	Pyramid Distributing
181	Quality Computers & Svc
182	QuantumFX
183	QubicaAMF
184	Razer USA, Ltd.
185	Refine Computers
186	Re-Pc Recycled Computers
187	RJ Technology, Inc
188	Sager Midern Computer Inc.
189	Samsung Electronics Co
190	Sceptre, Inc.
191	School Zone Publishing Company, Inc.
192	Sears Roebuck & Co.
193	Seattle Computers
194	Seiki Corporation
195	Sensormatic Electronics LLC
196	Seura, Inc.
197	SHENZHEN AVIS ELECTRONICS TECHNOLOGY CO.
198	Shenzhen Siwei Shikong Technology Co. Ltd.
199	Shenzhen Valuelink E-Commerce Co.,Ltd.
200	Shenzhen Wave Multimedia Co., Ltd
201	Shuttle Computer Group
202	Silicon Mechanics
203	Simbans Limited
204	SINGREEN INTERNATIONAL CORPORATION LTD
205	SkyVue
206	Skyworth USA Corporation
207	SMART Technologies ULC
208	Sony Electronics Inc
209	Southern Telecom Inc
210	SunBriteTV LLC

List of CEP Manufacturers participating in the Standard Plan 2019*

211	Sungale Electronics
212	Supercircuits, Inc
213	Supersonic, Inc.
214	Tatung Company of America Inc
215	TCT Mobile, Inc
216	Tech Mob
217	TekVisions, Inc
218	TMAX Digital Inc.
219	Tongfang Global
220	Toshiba America Information Systems, Inc.
221	ToteVision
222	Trans Cosmos America
223	Transform Partners, LLC
224	Tri-Ed / Northern Video Distribution
225	TTE Technology Inc
226	Tyco Integrated Security
227	Unisys Direct
228	Up Time Technology
229	US Micro PC Inc
230	US MOKA Ltd.
231	ValueChain LLC
232	VAR Corporation
233	Vast Mind (HK) Limited
234	Venturer Electronics Inc
235	VGH Computer Services
236	ViewSonic Corp World HQ
237	Visual Land
238	Vitek Industrial Video Products, Inc.
239	VIZIO INCORPORATED
240	VOXX International Corp.
241	VTech Electronics North America, LLC
242	Wacom Technology
243	Worldwide V7 Private Label
244	Worryfree Gadgets LLC
245	Xplore Technologies Corp
246	Yakima Networking
247	YONES TOPTECH CHINA CO LTD
248	ZALMEN REISS & ASSOCIATES INC
249	Zebra Computers
250	ZOTAC USA, Inc.
251	ZTE USA
252	Z-Tech Computers Inc

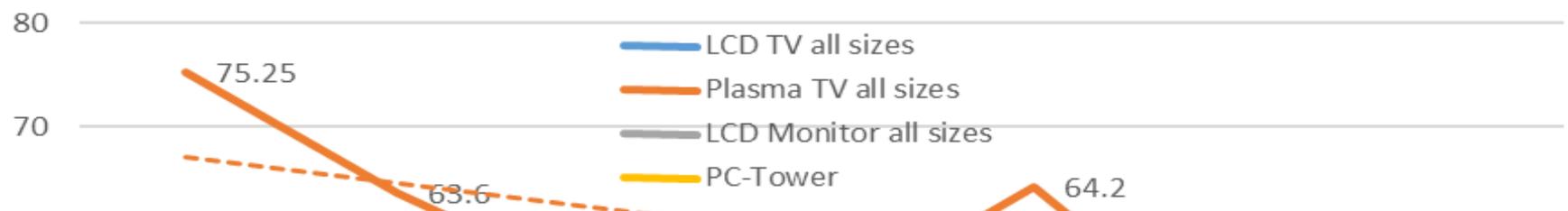
Documentation of work done with direct processors used by the Standard Plan to promote and encourage the design for recycling of new products (CEP's) destined for end of life recycling under this program

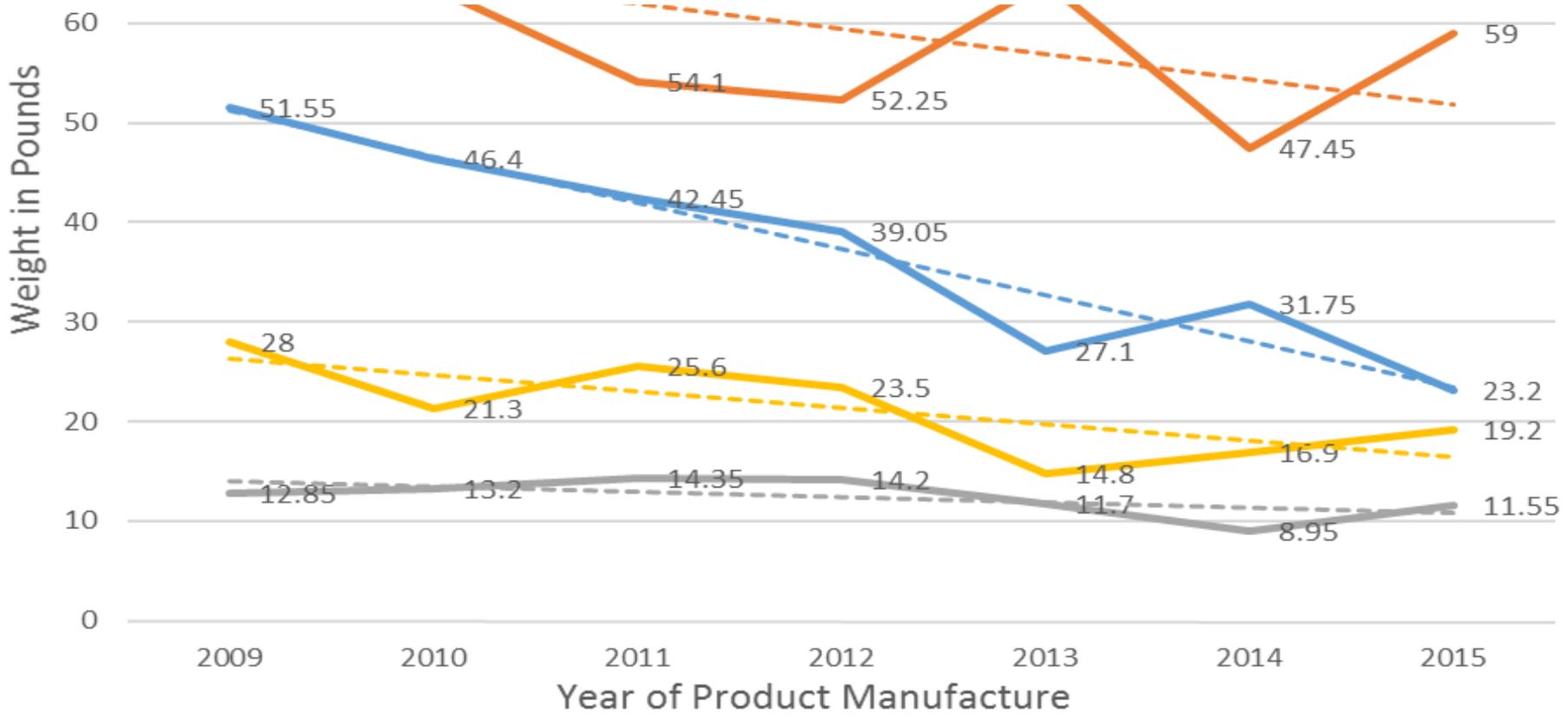
Two years ago we reported that 85% (by weight) of the electronic products collected by the WMMFA (specifically CRT TV's and CRT Monitors) were no longer being manufactured for sale in the US. Public recycling needs for our CEP's are moving rapidly away from CRT to newer flat screen technologies. In fact, for the 1st time going on 11 years of E-Cycle collections, unit volume of flat screen technology devices collected exceeds that of CRT devices. Some reports indicate the average life of a CRT TV is approximately 11 years while the average life of an LCD/LED TV is 16-20 years. The charts provided below illustrate the fact that WMMFA collected product "mix" is more closely aligned with products manufactured since program inception. It is encouraging that newer covered devices, TV and monitor in particular, weigh 1/3 to 1/2 less than comparably sized obsolete CRT models. While member manufacturers have been successful in reducing the weights and longevity of covered electronic products significantly many challenges remain in the recycling of these newer products, especially flat screen technologies such as LCD, and LED monitors and televisions. For this reason the WMMFA has implemented a collaborative approach between registered processors and our member manufacturers and continually shares the information with manufacturers. Specifically, the March Board meeting of each year is used for re-cap discussion of DfR.

The Authority previously reported intent to conduct annual surveys of all registered processors on an annual basis. The last formal DfR (design for recycling) survey was in September 2018, a summary of which is provided below. After phone discussions with two of the WMMFA's processors by the Executive Director it seemed apparent that the 2019 survey results would not represent a significant change from 2018. In order to facilitate more direct and timely communications on this topic a face to face meeting with processors and manufacturers is scheduled for October 1, 2020. This meeting will be held as in conjunction with the WMMFA's annual "in person" board meeting scheduled for the same date. The purpose of the meeting will be to allow for two way communications between manufacturers and processors to identify obstacles, concerns, constraints, and risks associated with the dismantling, recycling, and ultimate disposition of products most prevalent within the collection stream. This change is seen as a significant improvement over the previous DfR efforts by the Authority.

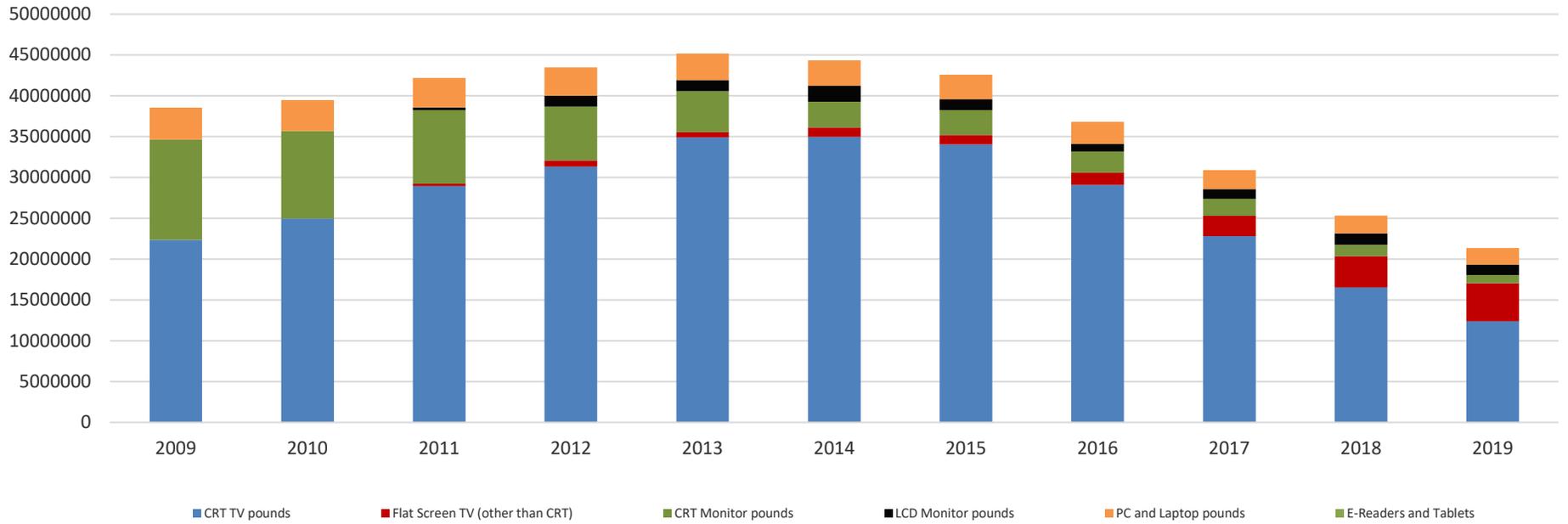
The results of the 2018 survey summary shown below were provided to and discussed with the WMMFA board at the March 2019 regularly scheduled board meeting.

Average weight of newly manufactured covered electronic products

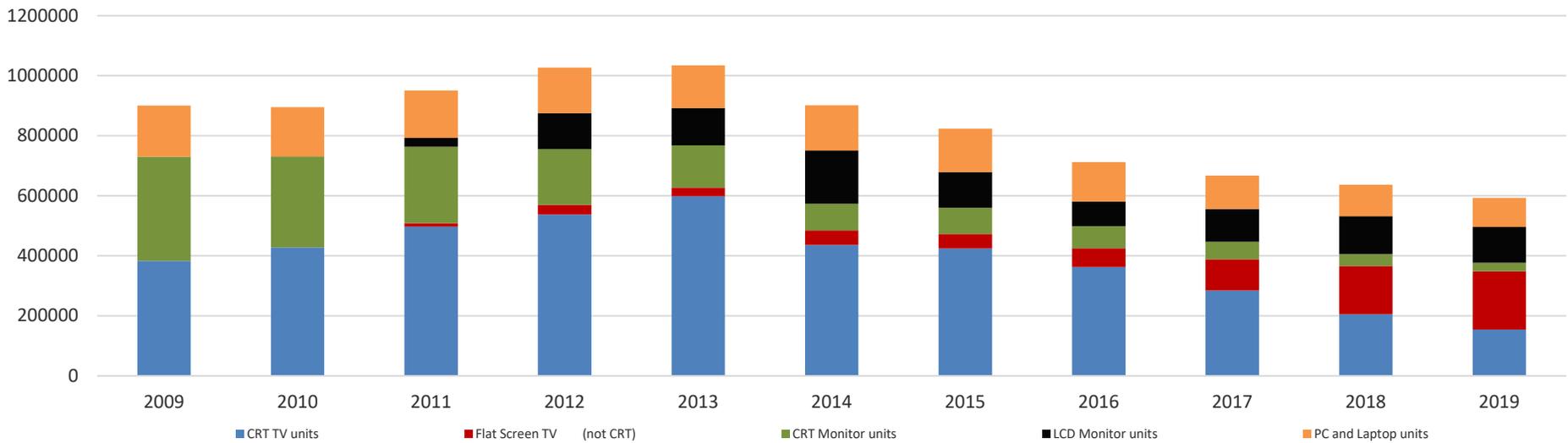




WMMFA collected POUNDS by type by year comparison



WMMFA collected UNITS by type by year comparison



WMMFA Processors Summary of responses – September 2018

The WMMFA is interested in collaborating with, and coordinating communications among, contracted processors and member manufacturers of the Authority's recycling plan in reference to CEP (covered electronic products) design. The goal of our DfR process will be to increase the potential for higher volumes of reuse materials and **more efficient handling and disposition of end of life materials gleaned from the recycling process**. WMMFA member manufacturers would like to get feedback from processors, such as yourself, as to what could be done to make their products easier to recycle at end of life with less waste.

Please help by completing the survey questions below and return the completed form to the WMMFA by Friday, October 19th. Your responses to the survey and participation in this project are voluntary. Suggestions gleaned from survey responses will be shared anonymously with the WMMFA board of directors and member manufacturers of the WMMFA. Specific responses by processor or manufacturer are confidential.

1. What are the top 3 barriers to improved processing production efficiency in processing CEP's? (TV, Monitor, PC, Laptop, tablets, readers) Include constraints identified by downstream vendors, if known. (use extra page if necessary). **Information on LCD, LED and flat screen technology specifically** (CRT products are no longer being manufactured)

1. The usage of too much glue specially on LED TV's and or in LCD and LED Monitors and high labor costs to dismantle without shredder.
2. The usage of many different kind of screws. Standardizing the type or kind screws used, it might help the processing speed and efficiency. If one kind of screw is used on each product it would save much labor cost. Example: Phillip's #2 for PC's, Torx for TV's, and Hex for Monitors. The plastic used for cases of flat screens of lesser value and difficult to find positive downstream recycling value – if any.
3. Properly identify plastic type. Example: most older units have their plastic type recycle sign on them, but newer electronics rarely have their recycle type. Residuals after dismantle of flat screens have little or no value (mostly labor expense)

2. Which Top 3 "materials of concern" currently used within CEP's, if revised or eliminated would have the most positive impact on your direct or downstream costs?

Tablets, E-Readers & Portable DVD Players are small and lightweight. There is little opportunity to re-coop the labor to dismantle with rates comparable to other per pound items.

3. The manufacturers are interested in lowering your processing cost of CEP's. From your standpoint what would need

to be done to allow this to happen? Please include any components of the current logistics/handling operations or CEP assembly details - as well as other processing operations that would impact your costs – positively. (use separate page if necessary)

- Standardizing the screws used on all electronics, if not, as many as possible.
- Usage of only 1 kind of screws on any particular electronic, or if there is a need for multiple screws on a component, try to use same kind but no more than 2 screws that are different in size.
- Reduce or remove the glue on electronics and use either clips or screws.
- Pre-sort by collectors into various packaging units by technology. LCD separate from LED separated from CR, etc.

4. Would your organization be interested in participating in quarterly conference calls with representatives of other processors and leading manufacturers to discuss practical design revisions and other joint efforts that could result in better DfR, the outcome of which would be to reduce the amount of environmentally sensitive parts within CEPs and reduced cost for manufacturers and processors?

- Yes
- No
- Not Sure – Please contact me to discuss.

Re-use information -2019

Based on feedback from our network of collectors typically involved in refurbishment and/or resale of used electronics the ratio of reused to recycled products varies considerably by type of collector, and, type of product. An important factor for reuse in 2019 was screen size for used working flat screen products. The larger screen TV's (greater than 30") sell well. Many of our non-profit collectors, and independent retailers, perform some refurbishing and reuse operations on higher value (larger screen) devices as an alternative to submitting them to this program for recycling. However, since the E-Cycle Washington program was designed primarily as an end of life program for unwanted electronics many of our collectors focus on getting CEP's to the program for responsible recycling of contents due to the low sales value of refurbished equipment in relation to the sales price of new equipment available at main stream or on-line retailers. For 2019 we estimate that a weight equivalent to approximately 108,000 pounds of COMPUTERS (5052 units of laptops and towers combined) were put into reuse by our collectors. This estimate is based upon an approximate 5.4% re-use estimate across all of our collectors on the 9.4% (by weight) of all desktop or laptop product collected. We estimate a negligible amount (nil%) of CRT TELEVISIONS were put to reuse. Of FLAT PANEL TELEVISIONS (plasma, LCD, and LED) we estimate that approximately 3.6% by weight (165,120 pounds / 6880 units) went to reuse. FLAT PANEL MONITORS of 36,200 pounds, or 3,300 units were sent to reuse by collectors. CRT MONITOR reuse was negligible (0%). These pounds are NOT included in our collected pounds reports as they are sent to re-use directly by the collectors and therefore not transported or processed within the E-cycle program. None of the WMMFA's direct processors engaged in re-use or refurbishment of end of life products for pounds collected in 2019. Therefore, 100% of reuse and/or refurbishment for resale/reuse was done at the collector level.

NOTE: The Authority has no formal data collection means to obtain re-use volumes from our collectors. In fact, many of them compete for collections from the donating public. For this reason we report with reasonable accuracy, the re-use pounds by product type from our PROCESSING network and we make broad estimates about re-use data at the COLLECTOR level based on the types of products they collect and informal conversations with collectors as to the volume of products being sent to re-use.

The Preferred Processing Standard requires processors for the WMMFA have adequate closure plans and a sufficient financial instrument that assures against abandonment of any CEP's, components, parts, materials or residuals. This section contains a summary of the Financial Closure Plan of each of the WMMFA's contracted processors.

	ACE METAL	EWC GROUP	E-WASTE LLC	METRO METALS (formerly SIMON METALS) - 2 locations	ERI	URT
CLOSURE PLAN ITEMS:						
Clean up and Engineering labor included	X	X		X	X	X
Maximum CRT inventory on hand identified		X	X	X	X	X
Wood, batteries, lamps pounds estimated	X	X	X	X		X
Transportation computed at reasonable rates	X	X	X			X
Hazardous Materials handling and Disposition addressed		X	X	X	X	X
Downstream contingency plan				X	X	X
Closure Schedule Included				X	X	
Clean up standards outlined and identified				X	X	

CLOSURE COST ESTIMATES:

Material Removal	X	X	X	X	X	X
Transport	X	X	X	Haz Mat Only	Haz Mat only	X
CRT Glas Disposal	X	X	X	X	X	X
Other materials disposal	X	X	X	N/A	N/A	X

FINANCIAL MECHANISM:

Assignment of Account / Time Deposit	Non assigned bank account reserve	Standby Trust	Line of Credit	Irrevocable Standby Letter of Credit	Assurance Bond
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WMMFA Annual Program Revenue and Expenses - 2019

Figures based on "cost" basis: I.E.: Revenue recorded as received and expenses recorded when paid

Compiled accrual based financial statements with a State Accountability Audit will be available mid 2020 (for calendar year 2019 statements)

Program net CEP pounds collected and processed 2019 ----->

21,374,815

Total REVENUE from manufacturer payments to plan - including reserve carry forward from 2019, and June court settlement	\$7,147,485	100%
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OPERATIONAL Expenses

Total COLLECTION EXPENSES - payments to registered collectors and for CEP materials from "covered" events	\$1,904,301	28.2%
Total TRANSPORTATION EXPENSES - purchased from registered transporters and paid to collectors that transport	\$974,110	14.4%
Total NET PROCESSING EXPENSES - payments to registered processors	\$3,502,143	51.9%
Public OUTREACH including advertising, educational and promotional efforts	\$36,515	0.5%

TOTAL OPERATIONAL DIRECT and SERVICE PROVIDER EXPENSES	\$6,417,069	95.1%
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ADMINISTRATIVE Expenses

Salaries and wages, including payroll taxes	\$274,802	4.07%
Professional services: legal and accounting	\$23,650	0.35%
Rent expense	\$4,200	0.06%
Travel expenses - board and employees	\$4,554	0.07%
Office supplies	\$3,308	0.049%
Insurance expense	\$4,579	0.07%
Telephone and internet expenses	\$4,889	0.072%
Meetings and seminars	\$5,011	0.074%
Postage and delivery	\$1,433	0.021%
Office hardware and IT equipment	\$1,741	0.026%
Utilities	\$1,027	0.015%
Bank service charges	\$527	0.008%
Miscellaneous	\$125	0.002%

TOTAL ADMINISTRATIVE EXPENSES	\$329,846	4.9%
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Total Administrative and Operational EXPENSES	\$6,746,915	100.0%
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*NET Reserves to carry forward to 2020 and/or available as credit to manufacturers on future invoices	\$235,554	3.3%
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* Standard Plan finance policy requires reserves to be maintained between 9% and 20% of quarterly manufacturer share expenses

Total program cost per pound collected, transported, and processed 2019 **\$0.316**

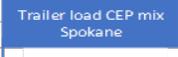
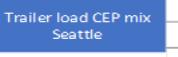
This report was prepared per WAC 173-900-800 and submitted using the template provided by Ecology (converted to workbook) and updated/improved to include additional information required by SHB 1498 passed in 2013. The information within this report/workbook was compiled using sources available to the WMMFA including actual and estimated data from service providers to the WMMFA as outlined in the Standard Plan.

Submitted electronically on February 28, 2020 to Christine Haun at Christine.Haun@ecy.wa.gov

Authorized signor WMMFA
John Friedrich, Executive Director

A handwritten signature in black ink that reads "John Friedrich". The signature is written in a cursive style with a large, looping initial "J" and a distinct "F".

The analysis presented below is an excerpt from the WMMFA's approved Standard Plan that describes the process involved in determining collected CEP volume allocation among participating processors

WMMFA Volume Assignment Decision Matrix: Average				
PROCESSOR ---->		A	B	C
AVERAGE LOAD COMPOSITION:	Load make up Average	QUOTED COST PER POUND:		
CRT TV	70%	\$0.15	\$0.18	\$0.19
LCD + Plasma TV	9%	\$0.20	\$0.17	\$0.19
Computers Laptops	8%	-\$0.12	-\$0.05	-\$0.19
CRT Monitors	4%	\$0.15	\$0.18	\$0.19
LCD Monitors	7%	\$0.20	\$0.17	\$0.19
Large (wood) TV	2%	\$0.15	\$0.18	\$0.19
Weighted average cost per pound PROCESSING only based on average load ---->	100%	\$0.135	\$0.153	\$0.175
Transport cost from collector to Processor -->		A	B	C
Transport cost from Eastern WA		\$0.07	\$0.06	\$0.03
Processing + Transport cost		\$0.21	\$0.21	\$0.20
Transport cost from SW WA		\$0.10	\$0.07	\$0.02
Processing + Transport cost		\$0.24	\$0.22	\$0.19
Transport cost from Metro SEA WA		\$0.05	\$0.02	\$0.02
Processing + Transport cost		\$0.19	\$0.17	\$0.19
WMMFA Volume Assignment Decision Matrix: Specific				
	 <ul style="list-style-type: none"> •16% Computer •8% CRT Monitor •57% CRT TV •14% LCD TV •5% LCD Monitor 	 <ul style="list-style-type: none"> •10% Flat Screen •20% Computer •10% Monitor •60% TV 	 <ul style="list-style-type: none"> •0% Computer •10% Monitor •90% TV 	
STANDARD PLAN REFERENCE ITEMS *				
Environmental Competitive Rates Creativity Capacity: Transporter & Processor Proximity to collector Auxiliary services: Transportation Billing Accuracy Timeliness Existing Infrastructure Fairness per RCW and WAC				
DECISION				
PROCESSOR ----->		A	B	C
Processor LOCATION		NW WA	CW WA	SW WA
SPECIFIC LOAD COMPOSITION:	Load make up Specific	QUOTED COST PER POUND:		
CRT TV	57%	0.15	0.1795	0.19
LCD + Plasma TV	14%	0.2	0.165	0.19
Computers Laptops	16%	(0.12)	(0.05)	(0.19)
CRT Monitors	8%	0.15	0.1795	0.19
LCD Monitors	5%	0.2	0.1675	0.19
Large (wood) TV	0%	0.15	0.1795	0.19
Weighted average cost per pound PROCESSING based on specific load ---->	100%	\$0.116	\$0.153	\$0.175
Transport cost from Eastern WA		\$0.07	\$0.06	\$0.03
Processing + Transport cost		\$0.19	\$0.21	\$0.20
Highlighted (Yellow) = lowest cost option, which, as illustrated is not always the decision made				

***Expanded Detail: E-Cycle Washington as managed by the WMMFA promotes Re-use and Recycling as a priority as evidenced by all Processors commitment to the "preferred" processing standards**

Environmental	Are there any red flags in audit - how important are they ?		
	What is current inventory of materials requiring processing, and is it low or high in comparison to others ?		
	Does processor have reasonable assurance from downstream vendors as to ultimate disposition? Audits?		
	What is the perceived RISK to the WMMFA of using processor? Are they in good standing in their communities?		
	Considerations: Insurance, Litigation, Capital, Capacity, Expertise, Experience		
Competitive Rates	Rates by commodity make sense in comparison to freely bid rates by others, or suggested rates based on market conditions ?		
	Does processor transport in their proximity that would allow lower overall rate or better value ?		
	Has processor justified rates via quality of downstream vendors destinations ?		
Creativity	Does the processor use truck, ocean vessel, or train for lower environmental impact and expense ?		
	Does the processor use local vendors to save cost / environmental impact ?		
	Does the processor have multiple options in order to sustain plan compliance ?		
	Does the processor seem knowledgeable and have expertise in their field?		
	Are their quality differences, perceived or real, of processors - by collectors that result in collector "requests" to use a certain processor ?		
	Does the Processor have a "re-use" component to their business ?		
	How much of the total weight of materials provided the processor is landfilled ?		
	Does the processor engage in public collection events coordinated by them ?		
Capacity: Transporter & Processor	Does the processor require volume corrections (plus or minus) from the authority due to their own operational or staffing issues ?		
	Can the processor adjust to downturns and upturns given unpredictable collection volumes by region ?		
	Is the processor easy to work with?		
	Does the processor have enough dock doors and staff to accept multiple deliveries at the same time?		
	Does the processor ever turn away transporters for its own operational convenience?		
	Do collectors or other transporter vendors complain about processors service when receiving?		
	Will transports deliver to the processor for a reasonable rate? Do we incur detention charges?		
Proximity to collector	The higher density of collection sites without self transport = great transport opportunity for processors		
	Location of processor extremely important for both cost (length of transport) and environmental considerations		
	Does proximity of processor trump actual commodity prices via lower transport cost?		
	What is the weighted average processing cost by collector, by processor, and are other constraints (capacity, etc.) hit before this consideration?		
Auxiliary services: Transportation	Can the processor make small and large collector pick ups timely using the correct equipment (liftgate, box truck, semi)?		
	How far, in miles, will a self transporting collector transport his materials, and, at what cost, before the WMMFA moves to use a processor in closer proximity for their (collector) convenience?		
	Can the processor handle mistakes by collectors, transporters, the WMMFA or the public with a reasonable approach?		
	Is the transporter getting sufficient volume from the WMMFA to remain interested in hauling favorable, and unfavorable, transport lanes?		
Billing Accuracy Timeliness	Does the Processor communicate effectively if there are questions or problems?		
	Is the processor timely and accurate with invoices?		
	Is the processor "high maintenance" in terms of WMMFA staff time?		
	Does the processor provide feedback to the Authority when it encounters problems?		
	Does the processor provide enough detail on invoices to identify all relevant recyclable downstreams by commodity type?		
	Do processors invoiced weights match collectors estimated or actual weights where applicable?		
	Is the processor responsive with informational requests?		
Existing Infrastructure	Is the processor establishing operational plans that take business from an existing vendor with no value added?		
	Are there competing services to what the processor offers that are a better value given any duplication of effort?		
Fairness per RCW and WAC		RCW	
	Is re-use or recycling the first option	70.95N.030 (3)	
	Is the business located in the State?	70.95N.060 (5)I,ii,iii	
	Are all registered processors being u	70.95N.280	
	Is the processor innovative?	70.95N.280 (7)	
	Does the authority avoid the creatio	70.95N.310 (2)	
	Is the authority following policy per	70.95N.320 (4)	
		WAC	
	Is the processor listed as in complian	173-900-300 (4)bii	
	Is the processor in compliance with	173-900-300 (4)bii	