



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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October 6, 2017

TO: The Honorable John Braun, Chair
Senate Ways & Means Committee

The Honorable Timm Ormsby, Chair
House Appropriations Committee

The Honorable Steve Tharinger, Chair
House Capital Budget Committee

David Schumacher, Director
Office of Financial Management

FROM: Maia D. Bellon, Director 

SUBJECT: Legislative Report on Delayed Cleanup Projects

Thank you for your continued support of significant investments for the Washington State Department of Ecology (Ecology) and the core environmental and public health work we do with our local partners. Unfortunately, the downturn in the price of oil over the last three years has led to a correlated decrease in Model Toxics Control Act (MTCA) revenue. Pursuant to Section 6015 (4) of the 2016 Supplemental Capital Budget (Engrossed Substitute House Bill 2380) and Section 6016 (4) of the 2017 Supplemental Capital Budget (Engrossed Substitute Senate Bill 5965), I am submitting to you lists of the projects delayed in the 2015-17 Biennium to address the revenue shortfall.

Some lists include updates to specific projects where circumstances have changed since the 2016 Supplemental. Ecology received reappropriation funding for these projects in the 2017-19 Biennium, but projected revenue is not sufficient to get these projects started. These projects are vital to protecting the environment, public health and economic development.

MTCA provides core funding for longstanding environmental and public health work carried out in both the operating and capital budgets. Many state agencies, local governments, and communities count on these dollars for this work. The repercussions of delay are multiplied significantly at the local government level where projects have already started or are ready to proceed, and the state investment is needed to complete the projects. There are also some projects that Ecology has legal requirements to fund.

These projects continue to be delayed due to the projected \$69 million revenue shortfall in the current biennium (based on the September 2017 forecast). Following the general approach taken by the House and Senate in the 2017 legislative capital budgets proposed at the end of the third special



The Honorable John Braun
The Honorable Timm Ormsby
The Honorable Steve Tharinger
David Schumacher, Director
October 6, 2017
Page 2

session, Ecology is requesting State Building Construction Account backfill funding in our 2018 Supplemental Capital Budget request to solve the shortfall and get these projects underway.

Thank you for your consideration of this report and please let me know if you have any follow-up questions.

Attachments

Cc: Senate Ways & Means Committee Members
House Appropriations Committee Members
House Capital Budget Committee Members
Rob Duff, Senior Policy Advisor, Office of the Governor
Erik Fairchild, Chief Financial Officer, Department of Ecology
Richard Ramsey, Capital Budget Coordinator, Senate Ways & Means Committee
Jed Herman, Fiscal Analyst, Senate Ways & Means Committee
Dave Johnson, Budget Coordinator, House Appropriations Committee
Dan Jones, Fiscal Analyst, House Appropriations Committee (Natural Resources)
Melissa Palmer, Coordinator, House Capital Budget Committee
Steve Masse, Fiscal Analyst, House Capital Budget Committee

Department of Ecology
Delayed MTCA-Funded Projects Summary

October 6, 2017

Purpose: The attached project lists are submitted to the Office of Financial Management and appropriate legislative fiscal committees pursuant to Section 6015 (4) of the 2016 Supplemental Capital Budget (Engrossed Substitute House Bill 2380) and Section 6016 (4) of the 2017 Supplemental Capital Budget (Engrossed Substitute Senate Bill 5965). The lists reflect the projects that were delayed to address the revenue shortfall in the 2015-17 biennium as directed by the enacted 2016 and 2017 Supplemental Capital Budgets.

These projects are included in the enacted 2017-19 Capital Reappropriation Budget (Engrossed Substitute Senate Bill 5965) and continue to be delayed due to the projected \$69 million revenue shortfall (based on the September 2017 forecast) for the 2017-19 Biennium.

Following the general approach taken by the House and Senate in the 2017 legislative capital budgets proposed at the end of the third special session, Ecology's 2018 Supplemental Capital Budget requests \$69.3 million in backfill funding from the State Building Construction Account for estimated 2017-19 capital expenditures so that these MTCA-funded projects can proceed (the amount will be updated based on the November revenue forecast). Ecology also proposes lapsing \$750,000 for a project no longer requiring MTCA funding, as noted at the bottom of the Remedial Action Grant project list.

Project Name	Project Number	# of Subprojects	Total Delayed (\$ M)
Remedial Action Grants	30000458	12	\$23.8
Puget Sound Cleanup	30000542	2	\$4.4
Eastern WA Cleanup	30000432	6	\$2.2
Stormwater Financial Assistance	30000535	46	\$26.5
Stormwater Improvements	92000076	22	\$12.3
Total		88	\$69.3

Ecology's 2017-19 Reappropriation Budget Project List
Toxics Cleanup Program
Remedial Action Grants - Delayed - 30000458
September 28, 2017

Purpose: This list reflects the projects that were delayed to address the revenue shortfall in the 2015-17 biennium as directed by the enacted 2016 and 2017 Supplemental Capital Budgets. These projects are included in the enacted 2017-19 Capital Reappropriation Budget (Engrossed Substitute Senate Bill 5965) and will continue to be delayed unless the projected \$69 million revenue shortfall (based on the September 2017 forecast) for the 2017-19 Biennium is addressed in the final biennial enacted budget.

The enacted 2016 Supplemental Capital Budget provided \$60.1 million Local Toxics Control Account (LTCA) appropriation for new RA grants in the 2015-17 Biennium. This was done assuming about half of the appropriation would be delayed and spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." Ecology requests State Building Construction Account (SBCA) of \$23.8 million for this reappropriation to offset the shortfall in MTCA revenue in the 2017-19 Biennium. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions.

Since the 2016 Supplemental Capital Budget list was ranked, circumstances have changed. Ecology reviewed each project to ensure the project is still viable, updated descriptive information and confirmed dollar amounts. Below is an updated priority listing of delayed projects that will be funded with this request. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available. The projects included in this request have been reviewed and are ready to proceed according to the MTCA regulatory process. In addition to projects being evaluated according to the MTCA regulatory process, the enacted 2015-17 biennial Capital Budget provided three tools for managing cash in the MTCA accounts, including authorization to delay cleanup projects (Second Engrossed House Bill 1115, Section 7038).

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

1. Applying Section 7038 criteria as detailed in the Plan.
2. Where groups of projects met all of the same Section 7038 criteria, projects were further ranked considering Ecology's regional and program priorities.
3. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects. Some of the delayed projects have been in line for funding for more than two years. Some project rankings were adjusted as the project delays have impacted cleanup schedules.

Section 7038 Criteria																
ECY Rank	Recipient	Project	Description	Phase of Cleanup	Acuity of Need	Ready to Proceed	Cost Efficiency	County	State Match	State Share	Site Address	City	Leg. Dist.	Lat.	Long.	
1	Bellingham, Port & City of	Cornwall Avenue/ R.G. Haley	The Port and City of Bellingham have been working with Ecology under existing Remedial Action Grants to understand the extent, nature and ultimate cleanup plans for two adjacent properties, the Cornwall Avenue Landfill and R.G. Haley Wood Treating. These are commonly referred to as Cornwall Avenue and R.G. Haley sites. Additional state funding for these sites has been significantly delayed – both by projects "Delayed" from the 2015-17 biennium (R.G. Haley) and now by the "New" project funding in the 2017-19 biennium not being appropriated by the Legislature (to both sites) through a new Capital Budget.	Cleanup / Post Closure Monitoring	1	1	1	Whatcom	50%	6,000,000	Cornwall Avenue N	Bellingham	40	48.7	-122.5	
			The Cornwall Avenue and R.G. Haley cleanup sites are adjacent, their contaminants overlap and Ecology is working with two different potentially liable parties to complete cleanup. At Cornwall Avenue, garbage and wood waste were dumped into Bellingham Bay creating the 12 acre site. The R.G. Haley site held a wood treating facility. Its operation resulted in elevated concentrations of highly toxic wood treatment chemicals. At both sites, contamination in the soil, soil vapor, groundwater and sediment pose a risk to human health and the environment. Cleanup of both sites must occur at the same time to most efficiently and cost effectively proceed with cleanup. So, Ecology is now combining the budget request for the two areas so the funding for this work does not become "ob-linked" through the state budgeting process. Funds are needed from both the "Delayed" and "New" funding lists.													
			As a result of time passing, Ecology and the potentially liable parties have learned more about these sites and what is required to clean them up. The Port and City of Bellingham and Ecology have prioritized and now better understand the funding required to prepare the final plans and engineering design of the Cornwall Avenue/R.G. Haley sites for construction at the beginning of the 2019-21 biennium.													
			Ecology is requesting that the \$3.0 million formerly slated for the G.P. West site be substituted for Cornwall Avenue on this "Delayed" funding list. Additionally, the "New" funding included in the 2017-19 biennial Capital Budget request for Cornwall Avenue is still needed. The \$3.0 million on the "Delayed" list for R.G. Haley is still needed as well as a lower, \$3.75 million on the "New" list.													
			Regarding site rank, work in Bellingham Bay was the top priority on the "Delayed" list. Ecology is now substituting the combined Cornwall Avenue/R.G. Haley funding request for the G.P. West site that was formerly ranked first for "Delayed" funding.													
			The sites are currently unusable. The Port of Bellingham and City of Bellingham plan to develop Cornwall Avenue/R.G. Haley into a public use area in conjunction with cleanup activities. The public use area, a high priority in Bellingham, is part of a large-scale City/Port waterfront redevelopment project.													

Section 7038 Criteria

ECY Bank Recipient	Project	Description	Phase of Cleanup	Acuity of Need	Ready to Proceed	Cost Efficiency	County	State Match	State Share	Site Address	City	Log. Dist.	Lat.	Long.
2	Anacortes, Port of Quiet Cove	<p>This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes - Quiet Cove in Fidalgo Bay. This is for upland and sediment cleanup.</p> <p>The Site began operating as a bulk fuel terminal and storage facility as early as 1909. The Port of Anacortes (Port) purchased the upland area of the site in July 2013 and performed an environmental investigation the following year. This investigation found several contaminants exceeding accepted cleanup levels under the Model Toxics Control Act (MTCA). Soil samples showed hydrocarbon and heavy metal contamination. Groundwater samples showed Total Petroleum Hydrocarbon cleanup levels (TPHs) and arsenic.</p> <p>All Anacortes projects were presented as one on the 2016 Supplemental project list. Those projects have been split up and the rank was adjusted after updated Section 7038 criteria.</p>	Cleanup / Post Closure Monitoring	1	1	1	Skagit	50%	2,729,500	202 O Avenue	Anacortes	40	48.5	-122.6
3	Yakima, City of Tiger Oil 24th & Nob Hill	<p>This project funds the cleanup efforts at a site in a prime economic redevelopment area. This site is a former gas station that released petroleum products to soil and groundwater. Groundwater impacts extend to nearby residential and commercial properties. Ecology has completed an excavation of contaminated soil and groundwater and tore down an abandoned building. Infiltration galleries were also installed for further groundwater treatment. Although the excavation significantly reduced the contamination, groundwater treatment and monitoring will be necessary. This funding will allow for continued remediation activities, and allow mitigation of ongoing environmental concerns.</p> <p>This project rank was adjusted after updated Section 7038 criteria.</p>	Cleanup / Post Closure Monitoring	1	1	1	Yakima	90%	1,279,500	2312 W Nob Hill Blvd	Yakima	15	48.6	-120.5
4	Grant County Ephrata Landfill	<p>The City of Ephrata began operating the Ephrata Landfill in about 1942 and owned and managed it until 1974. Grant County took ownership of the landfill in 1974 and has managed it until now. The landfill ran as an open dump before 1962. It operated continuously as an unlined landfill until a new lined cell opened in 2005. Landfill personnel buried about 2,000 drums of industrial hazardous waste in 1975. Contaminants released from the unlined landfill and leaking drums are found in three aquifers and include heavy metals, solvents, and other industrial chemicals. Existing grants are available for 2015-17 estimated spending. The next phase of work will include drilling additional groundwater monitoring wells at the site, construction of a treatment system to remove contaminants from groundwater, pumping and extraction tests to determine the effectiveness of the selected remedy, construction of an evaporation pond, contaminated soil removal, and extraction of soil vapors containing volatile organic compounds.</p> <p>This project rank was adjusted after updated Section 7038 criteria.</p>	Cleanup / Post Closure Monitoring	1	1	1	Grant	75%	2,366,000	Hwy 28	Ephrata	13	47.3	-119.6
5	Everett, Port of Ameron/Hulbert	<p>This project provides additional grant funds to complete upland cleanup activities. Inwater sediments cleanup is complete. This project is important to protecting water quality and preventing recontamination of sediments.</p> <p>The Port entered a Consent Decree for final cleanup of this site in January 2015. The final cleanup action required for this site will cleanup soil, groundwater and a failing stormwater system. The Project is to be completed in conjunction with the cleanup of the TC-Systems, Inc. MFCRA site. The site was historically used for shingle and saw milling, maine support services and concrete pole manufacturing activities since the late 1800s. The Port has completed significant investigation and cleanup since 1991. Interim actions were conducted in the early 1990s (1991, 1993) and in the mid-2000s (2005-2007) to clean up much of the contaminated soil at the site. Close to 22,000 cubic yards of contaminated soil were removed as part of the interim actions. Three emergency action cleanups were conducted between 2011 and 2014.</p> <p>This project rank was adjusted after updated Section 7038 criteria.</p>	Cleanup / Post Closure Monitoring	1	1	1	Snohomish	50%	676,000	1130 W Manne View Drive	Everett	38	48.0	-122.2
6	Bellingham, Port of Blaine Manna Tank Farm	<p>This project provides grant funds for the on-going process to cleanup historic petroleum contamination at the Port of Bellingham Blaine Manna, Inc. site. This work principally involves the removal of source contamination, including old fuel facility infrastructure (storage tanks, piping, etc.), and affected soils beneath and nearby the facility. After a bulk removal process of contaminated material, residual low-level soil and groundwater contaminants will be treated in place and monitored over time to insure compliance with cleanup objectives. These additional funds would complete the cleanup action plan to implement cleanup.</p> <p>This project rank was adjusted after updated Section 7038 criteria.</p>	Cleanup Action Plan	1	1	1	Whatcom	50%	900,000	Manne Drive & McMillan Avenue	Blaine	42	49.0	-122.8

Section 7038 Criteria

ECY Rank	Recipient	Project	Description	Phase of Cleanup	Acuity of Need	Ready to Proceed	Cost Efficiency	County	State Match	State Share	Site Address	City	Log. Dist.	Lat.	Long.
7	Anacortes, Port of	Log Haul Out	<p>This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes - Log Haul Out in Fidalgo Bay. This is in preparation for sediment cleanup.</p> <p>The site is owned by the Port of Anacortes and was used historically for log handling from the mid-1960s to about 2004. Operations included log rafting and the transfer of logs to upland sorting areas on Pier 2.</p> <p>Following the closure of the facility in 2004, the Port led an investigation to assess potential impacts from decades of log handling activities. Further investigations from 2008 to 2010 found that sediment samples failed to meet Ecology's regulatory levels.</p> <p>All Anacortes projects were presented as one on the 2016 Supplemental project list. Those projects have been split up and the rank was adjusted after updated Section 7038 criteria.</p>	Remedial Investigation	1	1	1	Skagit	50%	162,500	718 4th Street	Anacortes	40	48.5	-122.6
8	Anacortes, Port of	Dakota Creek	<p>This project provides additional matching grant funds for the on-going site investigation and cleanup activities for a site at the Port of Anacortes - Dakota Creek in Fidalgo Bay. This is preparation for upland cleanup to complete the cleanup of the full site and prevent recontamination of sediment.</p> <p>The Port-owned site includes uplands and sediments. The Site has been used for industrial and shipyard activities since approximately 1878. Dakota Creek Industries, Inc. has leased the property from the Port since 1977 and uses the Site as a shipyard for the construction and repair of vessels. From approximately 1925 to 1989 several above-ground storage tanks were present on the upland portion and used for bulk fuel storage and distribution.</p> <p>All Anacortes projects were presented as one on the 2016 Supplemental project list. Those projects have been split up and the rank was adjusted after updated Section 7038 criteria.</p>	Remedial Investigation	1	1	1	Skagit	50%	108,000	115 Q Avenue	Anacortes	40	48.5	-122.6
9	Tacoma, Port of	Earley Business Ctr, Alexander Ave, Portac	<p>This project provides additional grant funds for the on-going site investigation and cleanup activities for multiple sites at the Port of Tacoma. Sites include:</p> <p>The Earley Business Center has had a variety of business and industries on-site including shipbuilding during World War I and World War II. Contaminants include chlorinated solvents, PCBs, pesticides, and metals.</p> <p>Alexander Avenue Petroleum Tank Facilities site has had buildings for petroleum processing and storage on site since the 1930s. The main contaminants at the site are weathered diesel, gasoline and benzene in soils and groundwater, which have spread onto surrounding properties and into the Hylebos Waterway. Portac was a former log sort yard site where slag was used as ballast. Arsenic contamination from the slag is impacting soil and groundwater.</p> <p>This project rank was adjusted after updated Section 7038 criteria.</p>	Remedial Investigation	1	1		Pierce	50%	800,000	Port-wide	Tacoma	27	n/a	n/a
10	Tacoma, Port of	Kaiser Site	<p>The State will reimburse unanticipated costs the Port incurred when they discovered additional contamination during the cleanup. The Department of Defense and Kaiser Aluminum Company operated an aluminum smelter and manufacturing plant at the site for over 60 years. Contaminants of concern in the soil and groundwater at this site included carcinogenic polynuclear aromatic hydrocarbons (PAHs), metals, polychlorinated biphenyl (PCBs), petroleum products, and other byproducts of aluminum smelting.</p> <p>Remedial Actions completed to date are capping of a former sludge pond, excavation and offsite disposal of soil and other waste materials and ongoing groundwater monitoring.</p> <p>The Port is currently using the site for storing imported vehicles.</p> <p>This project rank was adjusted after updated Section 7038 criteria.</p>	Cleanup / Post-Closure Monitoring	1	1		Pierce	50%	2,300,000	3400 Taylor Way	Tacoma	27	47.3	-122.4

Section 7038 Criteria

ECY Rank	Recipient	Project	Description	Phase of Cleanup	Acuity of Need	Ready to Proceed	Cost Efficiency	County	State Match	State Share	Site Address	City	Log. Dist.	Lat.	Long.
11	Seattle, Port of	Lora Lake site	In 1986, the Port of Seattle (Port) bought the Lora Lake Apartments site, part of which was required for Sea-Tac Airport Third Runway Protection Zone, where residences are prohibited. The portion of the site that was not required for the Runway Protection Zone is slated to be redeveloped. In the 1940s and 1950s, the site was used for cleaning of barrels that contained chemicals. From about 1960 to 1981, the site was used for auto wrecking. Former activities at the site released hazardous chemicals into the environment including polycyclic aromatic hydrocarbons, petroleum products, pentachlorophenol, dioxin, and arsenic. A developer purchased the site during the 1980s, and in 1987 built the Lora Lake Apartments. Grant funds are for removal of contaminated soil and cleanup of surface water and sediment in a small lake located on Lora Lake Apartment parcel. This funding is primarily for the in-water cleanup of the lake. The cleanup is scheduled to be completed during the period of 2017-2019. A consent decree for cleanup was signed in September 2015 and the engineering design report has been provided for Ecology review.	Cleanup / Post Closure Monitoring		1	1	King	50%	5,000,000	15001 Des Moines Memorial Drive	Burien	33	47.5	-122.3
12	Integrated Planning Grants	Integrated Planning Grants	Planning; Grant funding to develop plans to redevelop contaminated properties.	Plan		1	1		100%		Statewide	Statewide	Statewide	Statewide	Statewide
	City of Mount Vernon	AFLCO Site						Skagit		200,000	101 E Section Avenue Vernon	Mount Vernon	40	48.4	-122.3
	City of Stanwood	Raplee Property & Hamilton Property						Snohomish		200,000	9816 271st St NW & 28716 98th Dr NW	Stanwood	10	48.2	-122.4
	Port of Longview	Berth 4 Silo Complex						Cowlitz		200,000	10 Port Way	Longview	19	46.1	-123.0
	Port of Grays Harbor	Hoquiam Paper Mill Site						Grays Harbor		200,000	801 23rd Street	Hoquiam	24	47.0	-123.9
	Port of Douglas County	Rock Island Smelter Site, Silicon Metal Tech Lagoon, American Silicon Tech						Douglas		200,000	100 & 199 4th St SW	Rock Island	12	47.4	-120.1
	City of Richland	Columbia Point Landing						Benton		200,000	230-290 Bradley Blvd	Richland	8	46.3	-119.3
	City of Spokane	Spokane Hilliard (YARD)						Spokane		300,000	23 acre ROZ	Spokane	3	47.7	-117.4
Total 2018 Supplemental Budget Request for Delayed Projects										23,821,500					
Bellingham, Port of	Georgia Pacific West Mill		This site will be shovel ready by the end of the 2017-19 biennium after completing interim action, feasibility study, agreed order, cleanup action plan, engineering design report, plans and specs. Because of state funding delays, this site cannot move to implement cleanup in 2017-19.	Cleanup / Post Closure Monitoring	1	1	1	Whatcom	50%	-	300 W Laurel Street	Bellingham	42	48.7	-122.5
Port Angeles, Port of	Western Port		The City and Port of Port Angeles expect to recover insurance proceeds during the 2017-19 biennium. Because of state funding delays, they do not plan to apply for Remedial Action	Remedial Investigation	1	1	1	Cullam	75%	750,000	Western Port	Port Angeles	24	48.1	-123.5
Delayed Project Total to match 2017-19 Budget Request										24,571,500					

Ecology's 2017-19 Reappropriation Budget Project List
Toxics Cleanup Program
Clean Up Toxics Sites - Puget Sound - Delayed - 30000542
August 15, 2017

Purpose. This list reflects the projects that were delayed to address the revenue shortfall in the 2015-17 biennium as directed by the enacted 2016 and 2017 Supplemental Capital Budgets. These projects are included in the enacted 2017-19 Capital Reappropriation Budget (Engrossed Substitute Senate Bill 5965) and will continue to be delayed unless the projected \$69 million revenue shortfall (based on the September 2017 forecast) for the 2017-19 Biennium is addressed in the final biennial enacted budget.

The enacted 2016 Supplemental Capital Budget provided \$22.6 million in State Toxics Control Account (STCA) appropriations for Clean Up Toxics Sites - Puget Sound project. This was done assuming \$8.6 million would be spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." Ecology requests State Building Construction Account (SBCA) dollars of \$4.4 million for this reappropriation to offset the shortfall in MTCA revenue in the 2017-19 Biennium. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions.

Below is a prioritized list of delayed projects that will be funded with this request. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available. The projects included in this request have been reviewed and are ready to proceed according to the MTCA regulatory process. In addition to projects being evaluated according to that process, the enacted 2015-17 biennial Capital Budget provided three tools for managing cash in the MTCA accounts, including authorization to delay cleanup projects (Second Engrossed House Bill 1115, Section 7038).

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

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

Section 7038 Criteria													
ECY Rank	Project	Description	Phase of Cleanup	Acuity of Need	Readiness to Proceed	Cost Efficiency	County	Amount	Site Address	City	Leg. Dist.	Lat	Long.
1	Custom Plywood Dioxin Removal Interim Action - Final Phase	Precedent setting action for Ecology will fund the phase III interim action plan and construction - thin layer capping of sediment.	Cleanup / Post Closure Monitoring	1	1	1	Skagit	3,500,000	35th & V Street	Anacortes	40	48.5	-122.6
2	Port Angeles Harbor	The Port Angeles Harbor projects (Restored funding cut in the 2016 Supplemental budget and this Delayed project) will support several source control projects related to soil, stormwater, surface water, and air emissions and their impacts on the Port Angeles harbor. The projects will trace the sources of contamination in the harbor. The delayed funding was initially intended to continue source control work. Ecology will phase or identify project areas once funding from either request is secure.	Cleanup / Post Closure Monitoring	1	1	1	Clallam	900,000	Western Port Angeles Harbor	Port Angeles	24	48.1	-123.5
								Total 2016 Supplemental Budget Request:	4,400,000				

Ecology's 2017-19 Reappropriation Budget Project List
Toxics Cleanup Program
Eastern Washington Clean Sites Initiative - Delayed - 30000432
September 18, 2017

Purpose: This list reflects the projects that were delayed to address the revenue shortfall in the 2015-17 biennium as directed by the enacted 2016 and 2017 Supplemental Capital Budgets. These projects are included in the enacted 2017-19 Capital Reappropriation Budget (Engrossed Substitute Senate Bill 5965) and will continue to be delayed unless the projected \$69 million revenue shortfall (based on the September 2017 forecast) for the 2017-19 Biennium is addressed in the final biennial enacted budget.

The enacted 2016 Supplemental Capital Budget provided \$11.0 million in State Toxics Control Account (STCA) appropriations for Eastern Washington Clean Sites Initiative projects. This was done assuming \$3.3 million would be spent in the 2017-19 Biennium. Ecology refers to this as "future expenditures assumed in the enacted budget." Since the revenue forecast in February 2014, forecasted revenue for the four-year period has declined by \$388 million—a \$187 million drop for the 2015-17 Biennium, and a \$201 million drop for 2017-19 Biennium. This was an unprecedented decline for the HST, and an enormous overall reduction in capacity for funds of MTCA. Ecology requests State Building Construction Account (SBCA) funding of \$2.2 million to offset the shortfall in MTCA revenue in the 2017-19 Biennium. Providing backfill funding will keep important work on schedule and in line with the original legislative budget assumptions.

Since the 2016 Supplemental Capital Budget list was ranked, circumstances have changed, circumstances have changed. Ecology reviewed each project to ensure the project is still viable, updated descriptive information and confirmed dollar amounts. Below is an updated priority listing of delayed projects that will be funded with this request. This list is a plan based on the best information available to Ecology. The plan may change as more information becomes available. The projects included in this request have been reviewed and are ready to proceed according to the MTCA regulatory process. In addition to projects being evaluated according to that process, the enacted 2015-17 Biennial Capital Budget provided three tools for managing cash in the MTCA accounts, including authorization to delay cleanup projects (Second Engrossed House Bill 1115, Section 7038). After that budget became law, Ecology and the Office of Financial Management, developed a MTCA Cash Management Plan (Plan) for the 2015-17 Biennium. The Plan described Ecology's use of the three options to maintain positive cash balances in the accounts, including delaying several high-priority cleanup projects.

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

1. Applying Section 7038 criteria as detailed in the Plan.
 2. Where groups of projects met all of the same Section 7038 criteria, projects were further ranked considering Ecology's regional and program priorities.
 3. Reviewing current information from grant recipients and Ecology's regional cleanup managers on the status of projects. Some of the delayed projects have been in line for funding for more than two years. Circumstances may have changed. Ecology reviewed each request to ensure the project is still viable, update descriptive information and confirm dollar amounts.
- Some project rankings were adjusted as the project delays have impacted cleanup schedules.

Section 7038 Criteria													
ECY Rank	Project	Description	Phase of Cleanup	Acuity of Need	Readiness to Proceed	Cost Efficiency	County	Amount	Address	City	Leg. District	Lat.	Long.
1	Mackner Scales	This project will fund the remediation of contaminated soil and groundwater to prepare the site for redevelopment.	Cleanup / Post Closure Monitoring		1	1	Kittitas	250,000	400 E Mountain View Avenue	Eilensburg	13	47.0	-120.5
2	Northport Remedial Investigation	Conduct Remedial Investigation of near-shore contamination from LeRoi Smelter slag. Perform contaminated soil removal from Northport yards with exceedingly high lead and other heavy metals concentrations.	Remedial Investigation	1			Stevens	600,000	Northport City Park	Northport	7	48.9	-117.8
3	Dryden Pit (WDFW)	This project would fund preparation of the capping of the site (state land managed by the Department of Fish and Wildlife) to limit exposure to lead and arsenic contamination.	Cleanup / Post Closure Monitoring	1			Chelan	500,000	Saunders Rod	Peshastin	12	47.6	-120.6
4	Columbus Square	The project is early in the investigation. The site seems to have contamination both on and off-site contamination. The investigation has expanded to find the contamination source.	Remedial Investigation		1		Klickitat	300,000	614 S Columbus Ave	Goldendale	14	45.8	-120.8

Section 7038 Criteria

ECY Rank	Project	Description	Phase of Cleanup	Acuity of Need	Readiness to Proceed	Cost Efficiency	County	Amount	Address	City	Leg. District	Lat.	Long.
5	Pet Health Clinic	This project includes possible excavation of contaminated soil and groundwater monitoring and treatment.	Remedial Investigation		1		Yakima	350,000	2210A E Edison Road	Sunnyside	15	46.3	-120.0
6	Wirts Service	The project includes site investigation, groundwater monitoring and possible removal of contaminated soil.	Remedial Investigation		1		Kititas	200,000	319 N Main Street	Ellensburg	13	47.0	-120.4
Total 2018 Supplemental Budget Request								2,200,000					

Ecology's 2017-19 Reappropriation Budget Project List
Water Quality Program
Stormwater Financial Assistance- Delayed Projects under Reappropriation Project #30000535
September 28, 2017



Purpose: This list reflects the projects that were delayed to address the revenue shortfall in the 2015-17 biennium as directed by the enacted 2016 and 2017 Supplemental Capital Budgets. These projects are included in the enacted 2017-19 Capital Reappropriation Budget (Engrossed Substitute Senate Bill 5965) and will continue to be delayed unless the projected \$69 million revenue shortfall (based on the September 2017 forecast) for the 2017-19 Biennium is addressed in the final biennial enacted budget.

Ecology manages the Stormwater Financial Assistance Program (SFAP) to provide grants to public entities to finance stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. This list provides project details included in Water Quality Program's Stormwater Financial Assistance Project (30000535). The rank reflects the original rank on the 2017 Water Quality Offer List (which includes projects/funding from other sources).

ECY Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
28	Marysville city of - Public Works Department	\$505,511	This project will improve water quality in the Allen/Quilceda Creek watershed by enabling the City to purchase, operate and maintain a high efficiency/regenerative air sweeper. This project will add additional capacity to the City's street sweeping program by increasing the volume of sediment and other pollutants removed from city streets over the next four years. This will increase the volume of material removed from Marysville streets by an estimated 33-55%, or 763 cubic yards per year.	80 Columbia Ave.	Marysville	SNOHOMISH	38	48.0463	-122.1742
30	Spokane city of	\$2,512,500	This project proposes to construct infiltration ponds for the City of Spokane's Cochran Basin; the largest stormwater basin in the City's urban stormwater system. Runoff within these project limits currently drains to the Spokane River without any treatment. This project will allow the City to design and construct a bioretention pond along North TJ Meenach Drive and at the Downriver Disc Golf Course to treat and manage approximately 30% of the Cochran basin stormwater runoff.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.6824	-117.4474
34	Spokane County - Stormwater Utility	\$655,518	This project will add Filterra Biofiltration units for stormwater treatment to 0.8 miles of high-traffic Mill Road. The project is located in a Critical Aquifer Recharge Area over the Spokane Valley-Rathdrum Prairie Aquifer which is designated a Sole Source Aquifer by the EPA. Stormwater is currently disposed via subsurface infiltration, creating potential for Aquifer contamination. The project also coincides with a funded Spokane County resurfacing project providing additional cost benefits.	1026 W Broadway	Spokane	SPOKANE	3	47.7720	-117.4196
36	Kirkland city of - Public Works	\$2,534,530	The 132nd Square Park Retrofit Facility would provide water quality treatment, flow control and infiltration for approximately 48.5 acres of single-family residential and right-of-way area in the northeast corner of the Totem Lake Basin. This project will implement one of the two projects identified in the Totem Lake/Juanita Creek Basin Stormwater Retrofit Conceptual Design (Ecology Grant G1400024) which conducted planning and design work for capital and non-capital stormwater retrofit projects.	123 5th Ave	Kirkland	KING	45	47.7174	-122.1649
37	Spokane Valley city of	\$537,750	This project will install up to 7 grassy bio-infiltration swales, a cartridge media filtration system, and drywells along East Ponderosa Drive in Spokane Valley, WA. These stormwater treatment applications will treat up to 9 public discharges from City streets prior to being discharged to an unnamed tributary of Chester Creek.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	5	47.6036	-117.2572
39	Spokane Valley city of	\$80,025	This project installs catchbasins, pipe, and asphalt curbing, to direct stormwater into grassy bio-retention swales, where stormwater is treated prior to entering the Spokane Valley - Rathdrum Prairie Sole Source Aquifer, or the City of Spokane's Combined Sewer Overflow #34 which drains to the Spokane River.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	5	47.6448	-117.3468
42	Spokane County - Stormwater Utility	\$350,021	This project will add bio-retention swales for water quality treatment of pollutant-generating impervious surfaces for a 0.4 mile road in an area of north Spokane where there is currently no stormwater treatment. This project is located in a Critical Aquifer Recharge Area over the Spokane Valley-Rathdrum Prairie Aquifer which is designated by the Environmental Protection Agency as a Sole Source Aquifer. Polluted stormwater is currently disposed of via direct injection into the subsurface.	1026 W Broadway	Spokane	SPOKANE	7	47.7665	-117.4209
45	College Place city of - Engineering Department	\$88,282	This project develops a local, policy-driven comprehensive stormwater infrastructure and program plan to include a funding mechanism for the City of College Place (City) that will comply with NPDES Phase II requirements while anticipating future growth.	625 S College Ave	College Place	WALLA WALLA	16	46.0457	-118.3885

ECY Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
52	Bremerton city of - Public Works and Utilities	\$498,560	Marine Drive & Kitsap Way LID retrofit designs were completed January 2015 with 100% Ecology funding and review. Bremerton will retrofit the stormwater system with 4 Modular Wetland Systems (MWS, GUILD approved 4/2014) and a 250' Infiltration Trench (BMP 17.20) to reduce runoff quantity. MWS will provide enhanced and phosphorus treatment of runoff from 34 acres; 1.34 miles of urban roads and 17.4 acres of impervious surface. Final design, SEPA, bid specs, and permits are included in the project.	100 Oyster Bay Ave N	Bremerton	KITSAP	26	47.5730	-122.6670
58	Whatcom County - Public Works Department	\$997,097	This project will construct low impact development (LID) stormwater treatment facilities to remove phosphorus and bacteria in runoff draining to Lake Whatcom from 245 acres in the Agate Bay sub-watershed. Several different methods of treatment and infiltration will be implemented to reduce phosphorus loading and other pollutant loading to Lake Whatcom. Runoff that is not infiltrated will be treated in filter systems at key locations.	322 N. Commercial Street, Suite 220	Bellingham	WHATCOM	40	48.7595	-122.3610
59	Spokane city of	\$1,192,500	Pacific and Perry Infiltration Facility will treat and infiltrate stormwater from CSO Basin 33c as well as stormwater from the adjacent combined sewer basins. The project will also include piping connections to convey stormwater runoff from CSO Basin 33c to the infiltration facility.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.6558	-117.3857
60	Spokane city of	\$892,500	This project proposes stormwater improvements to the City of Spokane's Union Basin that will prevent stormwater from discharging to the Spokane River. The Basin currently collects runoff into a municipal separated storm sewer system (MS4), discharging directly to the Spokane River without treatment.	808 W. Spokane Falls Boulevard	Spokane	SPOKANE	3	47.6615	-117.3928
63	Redmond city of - Public Works Department	\$250,000	Tosh Creek is identified in Redmond's Watershed Management Plan as a creek that will experience the greatest ecological lift from stormwater retrofits. The National Estuary Program funded the Tosh Creek Restoration Plan which identified the Prescott Vault Retrofit as a cost effective retrofit to stabilize erosive flows and improve water quality in the creek. This project will design the retrofit of about 2 acres of development with flow control and runoff treatment.	PO Box 97020	Redmond	KING	48	47.6492	-122.1261
67	Lynden city of - Public Works Department	\$108,814	This project will reduce or eliminate storm water discharges and improve water quality in Fishtrap Creek by designing LID based stormwater practices at the Northwest Washington Fair in the City of Lynden. In addition, covered livestock waste storage will be constructed preventing runoff from animals using the Fairgrounds each year. It also will include a robust outreach and education program targeting City residents and the more than 300,000 annual visitors to events at the fairgrounds.	300 4th Street	Lynden	WHATCOM	42	48.9372	-122.4762
72	Medina city of	\$54,000	The City of Medina is planning to increase its street sweeping program to significantly reduce stormwater runoff pollution into Lake Washington. Studies from the City of Seattle and WorldSweeper.com have reported that more frequent sweeping significantly reduces the stormwater pollutant discharge to the nearby bodies of water.	PO Box 144	Medina	KING	48	47.6162	-122.2389
73	Ferndale city of	\$20,837	This project includes the design of an expanded and covered stormwater decant for the City of Ferndale. The existing decant area consists of an uncovered 45 foot by 45 foot asphalt slab. A larger, covered facility will enable the City to better manage materials generated from cleaning stormwater structures and street sweeping, which will reduce overall pollutant loading in the City of Ferndale.	PO Box 936	Ferndale	WHATCOM	42	48.8378	-122.5970
75	Seattle port of - Seaport Environmental Program	\$114,000	The Port of Seattle Shilshole Bay Marina property was analyzed for opportunities to incorporate low impact development (LID) retrofits. Three alternatives were developed that balanced overall impact, visibility for users, and maximized water quality benefits. The preferred alternative (A) focused on retrofitting the parking area north of the Marina Office building using linear bioretention, which retains parking stalls and minimizes conflicts with existing infrastructure.	PO Box 1209	Seattle	KING	36	47.6806	-122.4048
77	Walla Walla city of	\$1,196,425	Design and construct stormwater facilities to treat and infiltrate stormwater runoff along Isaacs Avenue. This project will improve water quality in Mill Creek and the Walla Walla River by effectively eliminating stormwater discharges to the existing piped storm system that currently discharge directly to Mill Creek and eliminating areas of necessary pavement. This will reduce levels of total suspended solids, hydrocarbons, metals, fertilizer, pesticides and fecal coliform in Mill Creek.	15 N Third Ave.	Walla Walla	WALLA WALLA	16	46.0742	-118.3199

ECY Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
78	Wenatchee city of	\$746,250	The Peachey Street basin, also known as the M200 basin, is 81.7 acres of highly urbanized residential, commercial and industrial area in South Wenatchee. The stormwater system in this basin consists of inlets and storm mains that discharge directly to the Columbia River through the Peachey Street Outfall. Hydrodynamic separators, media filter cartridges and dry wells will add water quality treatment at three locations in the basin and at the outfall to remove suspended solids and metals.	PO Box 519	Wenatchee	CHELAN	12	47.4360	-120.3012
79	Redmond city of - Public Works Department	\$250,000	Tosh Creek is identified in Redmond's Watershed Management Plan as a creek that will experience the greatest ecological lift from stormwater retrofits. The National Estuary Program funded the Tosh Creek Restoration Plan which identified the Onyx Pond Retrofit as a cost effective retrofit to stabilize erosive flows and improve water quality in the creek. This project will design the retrofit of 6 acres of development with flow control and runoff treatment.	PO Box 97020	Redmond	KING	48	47.6517	-122.1291
81	Redmond city of - Public Works Department	\$250,000	The Sammamish River runs through the heart of Redmond, and has been impacted by the effects of urbanization. This project will improve water quality for flows from the NE 90th Street Basin that discharge into the Sammamish River. This will be accomplished by: addressing a severe erosion/sedimentation problem, eliminating the infiltration of untreated stormwater adjacent to the river, and improving the function of water quality ponds that treat existing developed areas.	PO Box 97020	Redmond	KING	48	47.6820	-122.1322
82	Walla Walla city of	\$216,540	Design and construct stormwater facilities to treat and infiltrate stormwater runoff along Park Street. This project will improve water quality in Mill Creek, Garrison Creek and the Walla Walla River by substantially reducing stormwater discharges to the existing piped storm system that currently discharge directly to these waterways. This will reduce levels of total suspended solids, hydrocarbons, metals, fertilizer, pesticides and fecal coliform.	15 N Third Ave.	Walla Walla	WALLA WALLA	16	46.0611	-118.3253
84	San Juan County - Public Works Department	\$312,450	Installation of treatment facilities for stormwater that is currently discharged without treatment from the Village of Eastsound on Orcas Island. Market St is served by a private system connected to San Juan County's public system on Prune Alley. The County will install wetland treatment systems to serve Market St, Madrona St, and adjoining businesses and assume ownership and maintenance of the system. Implementation will result in improved treatment for a five acre area of Eastsound.	PO Box 729	Friday Harbor	SAN JUAN	40	48.6950	-122.9040
	Partial funding for Grant Management Oversight	\$1,156,427	Ecology currently manages and provides engineering and technical oversight for approximately 212 active design/construction stormwater improvement projects from previous appropriations.	#N/A	#N/A	Statewide	All	#N/A	#N/A
86	Vancouver city of	\$1,072,500	This Lower Grand Industrial Area retrofit results in direct water quality benefits for waters of the State. Runoff in this area currently drains to drywells that have been shown to be in groundwater. During rain events these drywells become overwhelmed, overflowing polluted runoff to the Columbia River. Grant funds will be used to complete the design, develop final cost estimates, prepare SEPA & Cultural Assessments, and construct improvements.	PO Box 1995	Vancouver	CLARK	49	45.6210	-122.6457
88	King County - Water and Land Resources Division	\$208,444	This project, located in the May Creek Tributary 291A basin, will prepare 90% design plans to retrofit a regional detention facility to improve flow control and treatment of runoff from developed land that has no stormwater controls. The facility occupies a historic wetland, portions of which have been filled in by adjacent property owners. The plans would restore these portions of filled wetland, which will increase the facility's detention storage and improve water quality treatment.	201 South Jackson Street, Suite 600	Seattle	KING	37	47.4876	-122.1210
89	Bellingham city of - Public Works Department	\$986,779	This project will improve water quality in Squilicum Creek and Bellingham Bay. The project is to provide a water quality retrofit for a portion of old US 99 presently called Maplewood Avenue. This roadway currently has no water quality or quantity facilities associated with it. The proposal is to provide treatment and infiltration of the runoff from this roadway through the use of pervious pavement.	2221 Pacific Street	Bellingham	WHATCOM	42	48.7807	-122.5084
92	Union Gap city of	\$219,300	This project will reduce untreated stormwater discharges directed to Spring Creek and Wide Hollow Creek and ultimately to the Yakima River by intercepting and redirecting storm drainage for storage and treatment.	PO Box 3008	Union Gap	YAKIMA	15	46.5435	-122.4772

ECY Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
93	Puyallup city of - Public Works	\$1,012,042	Puyallup's Corporate Yards Decant Facility project will design and construct a decant facility for management of the City's Vector truck and street sweeper waste. The facility will separate solid waste from liquids generated from cleaning the public storm system and streets before discharging the liquids to the public sewer system for final treatment. The project will protect water quality in the City's streams and the Puyallup River including TMDL-affected Clarks and Meeker creeks.	333 S Meridian	Puyallup	PIERCE	25	47.1529	-122.2797
95	King County - Facilities Management Division	\$1,142,018	This stormwater LID retrofit project, located in downtown Burien, WA, includes replacing an existing impervious parking lot with permeable pavement, constructing new bioretention to treat on-site stormwater runoff, and converting an existing detention pond to a bioretention facility to treat off-site stormwater runoff diverted from SW 148th Street and 7th Avenue SW.	500 4th Ave South, Ste 800	Seattle	KING	34	47.4690	-122.3420
97	King County - Water and Land Resources Division	\$244,748	This project will design a stormwater retrofit detention facility in unincorporated King County near 20651 NE 79th Street Redmond, WA. This project is in the Evans Creek Tributary 108 basin. This basin was substantially developed without adequate stormwater controls, which has degraded its stream health as documented by Benthic Index of Biotic Integrity monitoring. This project was identified by the Evans Creek Tributary 108 Basin-Wide Retrofit Siting project, Ecology Grant G1400026.	201 South Jackson Street, Suite 600	Seattle	KING	37	47.6745	-122.0652
99	Burlington city of	\$189,351	This project will provide for planning, permitting, and design of pervious concrete to replace gravel shoulders. By reducing impervious area and treating storm water through the soils cation exchange, water quality will improve (Gages Slough, Skagit River, Puget Sound). This is the second project in an effort to reduce the amount of City owned impervious gravel surfacing.	833 South Spruce Street	Burlington	SKAGIT	40	48.4748	-122.3302
100	Renton city of	\$1,631,250	Project drains to Johns Creek and ultimately to Lake Washington. Project will design and construct Green Streets improvements including bioretention facilities, landscaping strip, vegetation planting, and porous concrete sidewalks. SEPA/NEPA review was completed in 2010. Project limits: NE 16th St (from Harrington Ave NE to Jefferson Ave NE); and Jefferson Ave NE (from NE 16th St to NE 12th St). Green streets will remove pollutants, reduce speed of runoff, and promote infiltration.	Renton City Hall, 5th Floor, 1055 South Grady Way	Renton	KING	11	47.5069	-122.1798
101	Granite Falls city of	\$410,250	This project will improve water quality in Lake Gardner through the installation of water quality facilities including pervious pavement at Kentucky Ave., (between Stanley St. and Galena St.) and Union St. (between S. Indiana Ave. to S. Granite Ave.) in the city of Granite Falls. This project will provide treatment for Total Suspended Solids (TSS), dissolved copper, dissolved zinc and total phosphorus and will also reduce flows to Lake Gardner by infiltrating stormwater runoff.	PO Box 1440	Granite Falls	SNOHOMISH	39	48.0811	-121.9666
103	Wenatchee city of	\$37,500	Chelan County, Douglas County, Wenatchee and East Wenatchee are proposing a collaborative education and outreach effort to standardize information provided to homeowners and real estate agents about managing water quality facilities and develop a training program for these two target audiences. The purpose of this project is to go beyond the requirements of the Eastern WA Phase II Municipal Permit to improve management of private water quality facilities and protect local water bodies.	PO Box 519	Wenatchee	CHELAN	12	47.4451	-120.3151
105	Asotin County - Public Works Department	\$257,125	The Asotin County Regional Stormwater Program is applying for funds to purchase a new high efficiency sweeper. The purchase would help remove more total suspended solids and improve water quality in Asotin Creek and the Snake River. The purchase of a new high efficiency sweeper will allow the Asotin County Regional Stormwater Program to improve its sweeping in the City of Clarkston, City of Asotin, and Asotin County.	PO BOX 160	Asotin	ASOTIN	9	46.3350	-117.0619
106	Friday Harbor town of	\$773,955	Construction of a waterfront vault containing cartridge filters to clean storm water that drains from the Friday Harbor urban environment. Due to the Town's age, there is very limited treatment of storm water before it reaches the harbor. The vault is designed to filter 100% of the "first flush" of rainwater entering the storm sewer system. Testing demonstrated higher levels of turbidity, surfactants (detergents), and total suspended solids during rain events that follow prolonged dry weather.	PO Box 219	Friday Harbor	SAN JUAN	40	48.5300	-123.0300

ECY Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
107	Soap Lake city of	\$161,500	This project will include the purchase of a street sweeper and evaluation and implementation of a street sweeping plan. The street sweeping plan will identify critical areas with the greatest possibility of transferring pollutants into Soap Lake, identify areas most benefited by street sweeping, establish a suitable street sweeping schedule, and outline a plan to verify success of the street sweeping program by measuring and properly disposing of removed pollutants.	PO Box 1270 Soap Lake	GRANT	12	47.3900	-119.4900	
108	Bremerton city of - Public Works and Utilities	\$75,000	Phase II of East 11th Street stormwater retrofit will design a stormwater treatment and pervious sidewalk system to address the Puget Sound Action Agenda Strategic Initiative to prevent pollution from urban stormwater runoff (Strategy 10.3: Fix problems caused by existing development). The design will include geotechnical work to evaluate infiltration potential and selection of appropriate treatment and infiltration systems to reduce pollution from a built urban environment.	100 Oyster Bay Ave N Bremerton	KITSAP	23	47.5703	-122.6152	
109	Sumner city of	\$375,000	This project proposes to upgrade several facets of the existing Sumner Decant Facility located at the Sumner Wastewater Treatment Facility (WWTF). Specifically, this project will provide additional capacity, more efficient separation of solids and liquids and create a completely covered area with temporary storage of solid waste materials. Processed waste water will continue to be treated through the WWTF which discharges to the White (Stuck) River.	1104 Maple St Sumner	PIERCE	31	47.1989	-122.2525	
110	Renton city of	\$1,223,939	The project will retrofit approximately 1.5-acre of pollution generating impervious area (roadway) along Duvall Ave NE between NE 10th St and NE 12th St in order to provide enhanced basic water quality and oil treatment prior to discharge to May Creek and to Lake Washington. The project will also replace a paved shoulder with a planter strip and pervious sidewalk. May Creek is a water body included in the 303 (d) list for dissolved oxygen, ammonia-N, Mercury, bacteria, pH and temperature.	Renton City Hall, 5th Floor, 1055 South Grady Way Renton	KING	11	47.5012	-122.1566	
113	Selah city of - Public Works	\$218,378	The proposed project reduces illicit discharges to the Taylor Ditch drainage system by providing pretreatment and disposal of the Water Quality Storm Event from two large drainage basins.	222 S Rushmore Rd Selah	YAKIMA	15	46.6517	-120.5206	
115	Sequim city of - Public Works Department	\$254,338	Sequim proposes to address problems with bacteria and other water quality issues in its favorite stream, Bell Creek, and protect drinking water from contamination entering the shallow aquifer via many infiltration systems along city streets. To accomplish this, the City proposes to remove a direct stormwater discharge entering Bell Creek, add treatment to an existing infiltration facility, and start an inspection program that would ensure all drainage facilities are maintained properly.	152 W. Cedar Street Sequim	CLALLAM	24	48.0796	-123.1023	
116	Renton city of	\$93,000	The project will retrofit a City owned detention pond in the Heather Downs Development at the intersection of Union Ave SE and SE 4th St to provide basic water quality treatment for a drainage basin of approximately 30 acres prior to discharge to Maplewood Creek which is a tributary of the Cedar River. Basic water quality treatment will be achieved by converting the existing detention pond into a combined detention and two-cell wetpond.	Renton City Hall, 5th Floor, 1055 South Grady Way Renton	KING	11	47.4789	-122.1639	
117	Marysville city of - Public Works Department	\$250,000	This Project will identify stormwater treatment alternatives and then provide for the design and associated permitting of an approved stormwater treatment facility. The design would potentially utilize City property to treat portions of an existing 480 acre stormwater basin that currently discharges to a 303(d) listed waterway with no formal treatment.	80 Columbia Ave. Marysville	SNOHOMISH	38	48.0507	-122.1807	
118	Issaquah city of	\$187,500	This project will develop a Watershed-Scale Stormwater Plan to address stormwater runoff impacts and ecosystem degradation within the City of Issaquah. This planning effort is intended to identify stormwater-related issues affecting the watershed health and degraded water quality and habitat conditions, and how stormwater management actions can achieve long-term ecosystem recovery in city streams, including how best to mitigate stormwater impacts from past development.	PO Box 1307 Issaquah	KING	5	47.5354	-122.0415	
Total		\$26,536,432							

Ecology's 2018 Supplemental Capital Budget Project List
Water Quality Program
Stormwater Improvements-Delayed Projects under Reappropriation #92000076
September 8, 2017



Purpose: This list reflects the projects that were delayed to address the revenue shortfall in the 2015-17 biennium as directed by the enacted 2016 and 2017 Supplemental Capital Budgets. These projects are included in the enacted 2017-19 Capital Reappropriation Budget (Engrossed Substitute Senate Bill 5965) and will continue to be delayed unless the projected \$69 million revenue shortfall (based on the September 2017 forecast) for the 2017-19 Biennium is addressed in the final biennial enacted budget.

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

ECY Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
134	King County - Metro Transit	\$256,500	This project would involve the procurement of a high-efficiency sweeper for the King County Department of Transportation - Metro Transit division (Transit). This high-efficiency sweeper would be employed for routine street sweeping, emergency spill response, and for sand pick-up following snow events, all with the goal of improving stormwater quality at Transit's facilities. This acquisition would be preceded and followed by stormwater testing so as to measure any water quality improvements.	201 S Jackson St M.S. SFM-TR-0100	Seattle	KING	11, 46, 48, 37	47.5988	-122.3508
138	Spokane Valley city of	\$1,500,000	This project will improve water quality in the Spokane Valley Rathdrum Prairie Aquifer through Low Impact Development techniques including bioinfiltration, bioretention, and/or cartridge media treatment, at Sprague Avenue between University and Park Roads in the City of Spokane Valley. This project will provide treatment for Total Suspended Solids, Oil, and possibly Dissolved Copper and Dissolved Zinc.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	5	47.6571	-117.2651
140	San Juan County - Public Works Department	\$243,750	Water quality treatment units with general use level designation will be installed along Prune Alley and Fern Street to provide water quality treatment for runoff from approximately 2.4 acres of roadway and commercial parking area. This retrofit project will help address existing water quality impairment in East Sound. These improvements will coincide with previously planned right of way improvements to address flooding and ponding problems.	PO Box 729	Friday Harbor	SAN JUAN	40	48.6961	-122.9056
141	King County - Water and Land Resources Division	\$230,077	This project will create a basin-wide stormwater retrofit plan for Mill Creek Trib. 51 stream basin; develop pre-designs for at least 3 identified retrofit projects; and advance an outcome-based, systematic approach to stormwater retrofitting of degraded stream basins. The plan will specify the number and sizes of facilities and low impact development (LID) BMPs needed to achieve flow conditions that support improved aquatic conditions as measured by the Benthic Index of Biotic Integrity (BIBI).	201 South Jackson Street, Suite 600	Seattle	KING	37	47.3216	-122.2829
142	Lacey city of - Public Works Department	\$467,101	Through an enhanced road-sweeping program this project will provide source control and help prevent street waste containing Total Suspended Sediments (TSS), dissolved metals, and phosphorus from entering City of Lacey streams and lakes. Additional benefits of this project include improved air quality resulting from the removal of dust particulates.	420 College Street SE	Lacey	THURSTON	22	47.0366	-122.8228
144	Shoreline city of	\$290,625	The NE 148th St Project proposes an array of LID stormwater facilities which combine bioretention surface features with larger-scale infiltration facilities composed of buried stackable plastic grids. Half of the overall facility surface area will feature bioretention to provide water quality treatment. Other infiltration facility surfaces include permeable gravel pavement and impermeable asphalt to maximize infiltration footprint in a densely developed area with high parking demand.	17500 Midvale Ave N	Shoreline	KING	32	47.7361	-122.3138

ECY Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
145	Spokane Valley city of	\$682,500	This project will include updating the storm drainage system in conjunction with the City's Pavement Preservation projects.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	4	47.6576	-117.2478
146	Clark County - Environmental Services Department	\$300,000	This project will reduce pollutant loading to Cougar Creek, a tributary of Salmon Creek, by retrofitting several existing catch basins and constructing a bioretention facility along two high traffic roadways in Clark County. The proposed project will treat runoff from approximately five acres of pollution generating surface areas along the two major roadways.	P.O. Box 9810	Vancouver	CLARK	18	45.6863	-122.6601
147	King County - Water and Land Resources Division	\$78,198	This retrofit project will do final design and construction to install a StormFilter system where no stormwater treatment facilities exist in unincorporated King County near Renton, WA. This project is in the May Creek Tributary 291A basin, which was substantially developed without adequate stormwater controls and has degraded stream health as documented by Benthic Index of Biotic Integrity monitoring. This project is a result of the Ecology Municipal Stormwater Capacity Grant, G1400262.	201 South Jackson Street, Suite 600	Seattle	KING	11	47.4863	-122.1231
150	Spokane Valley city of	\$300,000	This phase will construct facility canopy, eductor truck warming shed, and connection to sanitary sewer, providing 20 additional years in the City's ability to use the facility (making 50 years total), expanded use during wet and cold months of the year, and access to state owned and operated eductor equipment during emergencies throughout the year, day and night.	11707 E. Sprague Ave, Suite 106	Spokane Valley	SPOKANE	4	47.6749	-117.2428
152	Bremerton city of - Public Works and Utilities	\$69,000	Purchase and operation of a compact high efficiency vacuum sweeper would benefit the waters surrounding the City of Bremerton by more effective surfaces such as sidewalks, parking lots, walking paths, public commons areas and bridge walk paths. Bremerton is surrounded by Sinclair and Dyes Inlets and bisected by Port Washington Narrows. These water bodies have a fecal coliform TMDL and are also impacted by sediment, trash and debris from human activity, stormwater runoff and wildlife.	100 Oyster Bay Ave N	Bremerton	KITSAP	26	47.5670	-122.6258
155	Tukwila city of - Public Works	\$1,106,250	This construction project will redirect storm water discharges from a private outfall that was closed under orders from the US EPA to a newly adopted City outfall. The project will require that existing catch basins and conveyance pipes be reconstructed within EMWS to provide the required grade to drain the area to the new outfall. In addition, water quality treatment will be constructed to treat collected storm water prior to discharge to the Duwamish River.	6300 Southcenter Blvd	Tukwila	KING	11	47.5290	-122.3040
156	Bellingham city of - Public Works Department	\$983,792	This project will improve water quality in Spring Creek, Baker Creek, Squilicum Creek, and Bellingham Bay through installation of biofiltration and TAPE GULD systems on Meridian Street in the city of Bellingham. This project will provide treatment for Total Suspended Solids (TSS).	2221 Pacific Street	Bellingham	WHATCOM	42	48.7926	-122.4860
157	Bellingham city of - Public Works Department	\$384,000	This project will improve water quality in Whatcom Creek and Bellingham Bay through installation of wet vaults and water reuse at 2221 Pacific Street in Bellingham Washington. This project will provide treatment for total suspended solids (TSS) and oil (Total Petroleum Hydrocarbons) and will also reduce flows to Whatcom Creek by reusing water and providing stormwater detention.	2221 Pacific Street	Bellingham	WHATCOM	40	48.7597	-122.4584
158	Bellingham city of - Public Works Department	\$360,113	This project will help to prevent total suspended solids (TSS), dissolved copper, dissolved zinc, and total phosphorus from entering the Lake Whatcom Watershed by removing pollutants from the stormwater system and providing pollutant source control through an enhanced jet cleaning and vactoring program in the city of Bellingham.	2221 Pacific Street	Bellingham	WHATCOM	40, 42	48.7596	-122.4571

ECY Rank	Recipient	Cost	Project Description	Site Address	City	County	Leg. District	Latitude	Longitude
159	Brier city of	\$498,000	This project will improve water quality in the Scriber Creek and associated wetlands through installation of a regional 2-celled stormwater pond at Brienwood Park in the City of Brier. This project will provide treatment for total suspended solids (TSS), oil (Total Petroleum Hydrocarbons), dissolved copper, dissolved zinc, and total phosphorus and will also reduce flows to Scriber Creek and associated wetlands by increasing stormwater infiltration and/or providing stormwater detention.	2901 228th St SW	Brier	SNOHOMISH	1	47.8045	-122.2696
163	Washougal city of - Public Works Department	\$299,714	Replace existing fueling station, utilizing UID methods to ensure water quality at Washougal Public Works Operations Facility. Use structural BMPs to enhance water quality at the facility and adjacent Public Works impervious parking and work areas.	1701 C Street	Washougal	CLARK	18	45.5793	-122.3483
165	Pierce County - Public Works and Utility Department	\$1,730,625	This project will eliminate the direct discharge of untreated stormwater to Balch and Cormorant passage in south Puget Sound from the Tacoma Narrows Airport. This project will redirect flows through stormwater treatment facilities and resolve a significant erosion concern.	2702 South 42nd St, Suite 201	Tacoma	PIERCE	29	47.2562	-122.5791
169	Ruston city of	\$653,500	Bioretention facilities are proposed for a tributary area of approximately five acres in Ruston and North Tacoma. The proposed bioretention facilities along N Pearl Street (SR 163) will treat stormwater runoff within the Asarco Smelter Plume area. The facilities will improve the quality of stormwater discharged into Puget Sound.	5117 Winnifred St	Ruston	PIERCE	27	47.2981	-122.5157
170	Port Angeles city of - Public Works	\$474,300	This project will help to prevent pollutants such as suspended sediment, heavy metals, nutrients, and trash from entering Port Angeles Harbor and the Salish Sea by constructing a new decant facility and more than doubling the capacity of the City of Port Angeles to provide treatment and disposal of vactor and street sweeping waste.	321 East Fifth Street - PO Box 1150	Port Angeles	CLALLAM	24	48.1270	-123.5198
171	Olympia city of	\$269,250	The Harrison Avenue Stormwater Retrofit project will reduce stormwater contaminants associated with runoff from a basin predominately zoned "high density corridor" straddling a heavily traveled, arterial street in West Olympia. Retrofitting the street for stormwater treatment will improve the quality of water discharged to the West Bay of Budd Inlet.	601 4th Ave East	Olympia	THURSTON	22	47.0458	-122.9133
172	Mukilteo city of	\$968,989	This project will improve water quality in Japanese Gulch Creek and Puget Sound through installation of a Decant Station and Settling Vault at 4206 78th Street SW in the City of Mukilteo and by providing pollutant source control through an enhanced jet cleaning and vactoring program for legacy pollutant removal. This project will reduce flows to Japanese Gulch Creek and Puget Sound by removing current decant liquids from the stormwater system and routing them to the sanitary sewer system.	11930 Cyrus Way	Mukilteo	SNOHOMISH	21	47.9266	-122.2913
Total		\$12,346,284							