September 17, 2014

TO: David Schumacher, Director
Office of Financial Management

FROM: Maia D. Bellon, Director

SUBJECT: 2015-17 Ecology Operating & Capital Budget Request

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

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

Attached are Ecology’s 2015-17 Biennial Operating and Capital Budget requests. These budgets were developed recognizing economic recovery is slow and demand on state resources remains high (e.g., funding for basic education from the State General Fund). The requests are supported primarily by dedicated environmental funds, federal funds, and direct charges to customers for services provided, or requested from state bonds for capital projects that:

- Improve water quality
- Deliver water for fish, farms, and people
- Protect the environment, property, and infrastructure from flood hazards
- Protect or restore state owned facilities
- Create jobs

**Operating Budget Request**

Ecology’s Operating Budget request totals $494.1 million. This includes an increase in support from dedicated environmental funds for investments in:

- Toxics prevention and reduction
- Water management
- Public health, air quality, and water quality protection
- Hanford Nuclear Reservation cleanup and compliance
- Puget Sound protection and restoration

Ecology is also submitting $9.1 million in State General Fund reductions in response to the Office of Financial Management’s instructions to identify and submit budget reduction options equal to 15 percent
of Ecology’s Near-General Fund Maintenance Level budget for the 2015-17 Biennium. Our highest priority budget requests are for buying back this vital work in water rights processing, instream flow restoration, watershed planning and implementation, and flood hazard planning and improvement projects.

**Emerging Issues for 2015 and 2015-17**

**Facing Climate Change.** In 2008, the Washington Legislature adopted greenhouse gas emission reduction limits for 2020, 2035, and 2050. Despite implementing a number of policies and actions to reduce emissions from transportation, buildings, and electricity production, the state is not on track to meet these targets. Several state initiatives identified in Governor Inslee’s Executive Order 14-04 (i.e., carbon pollution market, zero emission vehicles, electric vehicles, and clean fuels) are being developed. In addition, U.S. Environmental Protection Agency greenhouse gas emission reduction proposals are under consideration. Proposed legislation and budget needs will be specifically identified in November 2014. At this time, the level of implementation, timing, and scope have not been defined for any of the activities. This placeholder is for resources Ecology may need for budget items proposed in the coming months, based on guidance from the Governor’s office.

**Clean Water Initiative.** Legislation is being developed by the Governor’s office as part of the Clean Water Initiative to update water quality standards and reduce threats from toxic chemicals at their sources. The bill will require Ecology to identify priority toxic chemicals and use Chemical Action Plans to find ways to reduce the threats caused by those chemicals. The bill will also allow Ecology to require Alternative Assessments and the authority to ban chemicals in certain situations. Ecology is submitting several decision packages that support the bill, which are compelling stand-alone policy requests that can be implemented through existing statutes. Ecology is submitting this $2.1 million placeholder for the estimated additional costs associated with the toxics legislation. This placeholder is our best estimate at this time, and we expect it to change through the process of stakeholder engagement.

**Marine and Rail Oil Transportation Study.** In June 2014, Governor Inslee issued an Oil Transport Directive to Ecology outlining key components to be addressed by state agencies in their charge to assess the safety of oil transport in Washington. The Governor’s action is prompted by the rapid changes in how crude oil is moving through rail corridors and over Washington waters, creating new safety and environmental risks. As a result, Ecology is working on a Marine and Rail Oil Transportation Study with initial findings and recommendations due to the Governor by October 1, 2014, that will inform legislation for the upcoming 2015 session. Later in October, Ecology will also propose funding options for Governor Inslee’s consideration to help inform legislative decisions.

One of the recommendations in the study will include a strategy for funding needs that will increase the safety and spill response and prevention capacity related to transport of oil by rail. The Oil Spill Prevention Account (OSPA) was created in the early 1990’s to support Ecology’s Spill Prevention, Preparedness, and Response Program (Spills Program). It is funded by the oil spill administration tax (RCW 82.23B.020). Over time, revenue for the account has not fully covered the costs of the Spills Program, and much of it is now funded out of the Model Toxics Control Act accounts (State Toxics Control Account, Local Toxics Control Account, and Environmental Legacy Stewardship Account). The study will identify policy and resource gaps that need funding and, with declining revenue in OSPA, will likely include a recommendation to change the way the oil spill administration tax is charged.

Ecology’s budget submittal includes two related stand-alone budget requests to develop and maintain geographic response plans and agency expertise on spill risk assessment, mitigation and rapid oil spill
response, and provide funding for oil spill response equipment. Ecology is also requesting a placeholder for any additional resources needed for budget items the Governor may propose in the coming months.

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

- **Water Pollution Control Revolving (State Revolving Fund or SRF) Match:** $12 million transfer from the State Taxable Building Construction Account. Congress established the Clean Water State Revolving Fund (SRF) to capitalize state-run, low-interest loan programs to finance water quality facilities and activities. An annual federal capitalization grant must be matched with 20 percent state funds. In Washington, the federal and state money finances planning, designing, acquiring, constructing, and improving water pollution control facilities and related nonpoint source activities that help public entities meet state and federal water pollution control requirements. Ecology is requesting a $12 million transfer from the State Taxable Building Construction Account to the Water Pollution Control Revolving Account to support the SRF loan program capital requests for new and reappropriated projects.

- **Point Ruston Sediment Capping and Shoreline Restoration Stabilization Loan Repayment:** An estimated $2.5 million transfer from the Aquatic Lands Enhancement Account ($1.26 million) and the State Toxics Control Account ($1.26 million) to the Cleanup Settlement Account (CSA) to fulfill the first two years of an eight-year loan repayment requirement. In the 2012 Supplemental Budget, the Legislature appropriated $7.2 million from the CSA to the Department of Natural Resources to complete sediment capping and shoreline stabilization on aquatic lands adjacent to the Asarco cleanup site in Commencement Bay. The Office of the State Treasurer will determine the transfer amount based on actual expenditures each fiscal year.

Capital Budget Request

Ecology’s Capital Budget request totals $672 million. Of that, $409 million is requested from dedicated environmental accounts for investment in toxic cleanup and prevention, water quality and water quantity (water supply development) infrastructure, and cleanup/public health protection actions at the Hanford Nuclear Reservation. Over $511 million is requested for continued investments in water quality, water quantity, and the overall health of Puget Sound and waters statewide. These capital investments:

- Promote local economic development (e.g., wastewater treatment plants, cleaning up contaminated sites for re-development, and developing water supplies for diverse uses)
- Create jobs
- Address local environmental and public health priorities
- Provide financial incentives for compliance with state-laws
- Provide core funding for many local government programs

The request also includes $1.3 million for needed capital improvements for Ecology’s Lacey headquarters building and the eastern regional office building.

Placeholder for 2015

2015 Drought Declaration. Each year, Ecology assesses the need for emergency drought funding to assist locals. The water year begins each November, and any information about drought and its severity is not available until early spring. If a drought is projected, Ecology will submit a request during the 2015
legislative session. This potential need is normally highlighted in the agency budget submittal, as no base appropriations exist in the agency budget to address drought response needs.

**Revenue Considerations**

Ecology has included Operating and Capital Budget requests based on the Hazardous Substance Tax revenue forecast, which is the primary revenue source for the Model Toxic Control Act (MTCA) accounts. The June 2014 forecast indicated an availability of about $426 million for the 2015-17 Biennium. Ecology assumed a 70 percent burn rate on certain new capital cleanup projects, which provides another $35 million in MTCA capacity. Using a burn rate is a practice adopted by the Legislature that anticipates only a portion (in this case, 70 percent) of a new project will be spent within the first two years of the appropriation, and the rest in the next biennium. During the 2013-15 Biennium, the Legislature assumed a burn rate for several capital projects, which pushed $119 million of expenditures into the 2015-17 Biennium, reducing capacity for new projects. Fortunately, Ecology anticipates the upcoming revenue forecasts for MTCA in the 2015-17 Biennium will increase over June’s forecast. The agency budget submittal for MTCA is based on the June forecast. As revenue forecasts increase, Ecology will provide additional information on stormwater and toxic site cleanup projects that we request be funded.

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

MDB/vlp

Attachment

cc: Myra Baldini, Budget Assistant to the Governor, OFM
    Jim Cahill, Senior Budget Assistant to the Governor, OFM
    Keith Phillips, Policy Analyst, OFM
    Nona Snell, Senior Budget Assistant to the Governor, OFM
    Linda Steinmann, Budget Assistant to the Governor, OFM
    Rob Duff, Governor’s Office, Natural Resources/Environment, Senior Policy Analyst
    Sherry McNamara, Fiscal Analyst, Senate Ways & Means Committee
    Brian Sims, Capital Budget Coordinator, Senate Ways and Means Committee
    Susan Howson, Capital Budget Coordinator, House Capital Budget Committee
    Dan Jones, Fiscal Analyst, House Appropriations/Natural Resources Committee
    Lisa McCollum, Legislative Assistant, House Ways & Means Committee
    Meg VanSchoorl, Research Analyst, House Capital Budget Committee
    Erik Fairchild, Chief Financial Officer, Department of Ecology
# Department of Ecology
## 2015-2017 Capital Budget

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## Department of Ecology 2015-17 Biennium Capital Budget Request

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- HQ and ERO Programmatic
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- Coastal Wetland Federal Funds

**Total Proposed Capital Budget Request**

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**Report Number:** CBS001  
**Date Run:** 9/15/2014 10:24AM
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## Project Class: Grant - Pass Through

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461 - Department of Ecology
Ten Year Capital Plan by Project Class
2015-17 Biennium

Version: BI Biennial 15-17 Initial

Report Number: CBS001
Date Run: 9/15/2014 10:24AM

Project Class: Grant - Pass Through

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2015-17 Biennium
Greenhouse Gas
Emissions Reduction and
Vehicle Miles Reduction
Plans

September 4, 2014
Summary
Section 1.3 of the Office of Financial Management’s (OFM) 2015-25 Capital Budget Instructions requires agencies to submit documentation indicating they have adopted policies to reduce Greenhouse Gas (GHG) emissions in accordance with RCW 70.235.070, and to reduce annual per capita vehicle miles in accordance with RCW 47.01.440 or RCW 43.160.020 for rural counties.

On February 8, 2010, OFM provided guidance to state agencies on implementation of RCW 70.235.070. In addition to addressing state limits on GHG emissions, the guidance provided an overview of agency affected infrastructure and economic development programs. OFM cited two Ecology capital budget programs affected by the statute—the Centennial Clean Water Fund Program and the Water Pollution Control Revolving Fund Program.

This report meets the requirements of OFM’s capital budget instructions by documenting the following Ecology programs and projects:
- GHG emissions reduction strategy
- Commute Trip Reduction (CTR) program
- Centennial Clean Water Fund Program
- Water Pollution Control Revolving Fund Program
- 2015-17 capital budget requests related to GHG emissions reduction

GHG Emissions Reduction Strategy
Ecology has complied with RCW 70.235.070 and other state statutes and directives pertaining to GHG reduction. In 2011, Ecology developed a Strategy for Reducing Greenhouse Gas Emissions that identified methods for the agency to reduce its GHG emissions through more efficient building energy use, reduced fleet energy use, employee engagement, and identification of facility improvement projects likely to reduce GHG emissions.

Ecology is required to report GHG emissions to the Governor’s Office every two years. The Second Biennial Progress Report published in December 2012 summarizes GHG emissions for all state agencies.

Some of the specific projects Ecology has implemented to reduce GHG emissions include:
- Electric vehicle (EV) charging stations. Ecology has purchased and installed four publically available EV charging stations capable of charging eight EVs.
- Fleet fuel reduction. Ecology’s general fleet mix includes 40% hybrid vehicles; the agency is currently moving forward with plans to purchase an EV for fleet use.
- Incorporating Green Building Standards. New facilities and major remodels of existing facilities meet Leadership in Energy and Environmental Design (LEED) Silver Standards or better.
HVAC Upgrades at Lacey HQ: Ecology is replacing aging Heating Ventilation and Air Conditioning (HVAC) infrastructure at its Lacey Headquarters facility with more energy-efficient components that use an environmentally friendly refrigerant product. The new HVAC system at Lacey HQ will help Ecology comply with Executive Order 12-06 and RCW 19.27A, which direct state agencies to reduce energy use.

Ecology engages employees in GHG emissions reduction through the following initiatives:

- Sustainability planning and reporting through the Global Reporting Initiative
- Biannual audits of facility waste streams
- Commute Trip Reduction program

**Commute Trip Reduction**

RCW 47.01.440 directs state agencies to reduce annual per capita vehicle miles traveled by 2050. Ecology contributes to this effort through its Commute Trip Reduction (CTR) program for employees. The goals of Ecology's CTR program are to reduce the use of single occupancy vehicles (SOVs) and the amount of vehicle miles traveled by employees.

Ecology supports employee engagement with the CTR program in the following ways:

- Monetary incentives for employees that use alternative methods of transportation (i.e. bicycle, walking, vanpool, carpool, transit) to commute to work.
- Facility infrastructure including showers, lockers, and bicycle parking.
- Agency policies that support flexible work schedules and telecommuting\(^1\).
- Commuter contests that give recognition and prizes to participating employees.
- Participation with the Washington Interagency CTR Board.

Ecology reports CTR participation to the Department of Transportation through an employee survey. This survey indicates that approximately 30% of Ecology employees utilize alternative transportation.

In FY 14, Ecology paid more than $52,000 in CTR incentives. Funds for the CTR program at Ecology are managed in Account 277 in accordance with RCW 43.01.240.

**Centennial Clean Water Fund Program and Water Pollution Control Revolving Fund Program**

Ecology has maintained compliance with RCW 70.235.070. The State Fiscal Year 2016 Water Quality Financial Assistance Funding Guidelines for the Centennial Clean Water Program, Clean Water Act Section 319 Program, Stormwater Financial Assistance Program, and Washington State Water Pollution Control Revolving Fund Program document (scheduled for publication in late 2014) discusses factors for consideration in the competitive solicitation process. Specifically, Ecology has supplemented the rating process with criteria related to applicant and infrastructure project consistency with GHG emissions reduction goals. On the funding request form, applicants are expected to provide examples of measures they are taking to reduce GHG.

\(^1\) Executive policies 3-03 and 3-05
The text below is an excerpt from the above-mentioned document and identifies several measures a grant applicant can take to reduce GHG emissions:

Requirements of RCW 70.235.070 must be included in the Revolving Fund and Centennial programs as a factor for consideration as part of the competitive selection process. The integration of GHG consideration should be a factor that influences project selection, but should not overwhelm the underlying goals of the funding programs. Ecology’s funding application includes questions related to applicant and project consistency with GHG emissions reduction goals, including asking the applicant to describe how it is meeting requirements of RCW 70.235.070.

Measures the applicant can take to reduce GHG emissions include:

- Enacting goals and policies committing to GHG emissions reduction targets.
- Adopting energy efficiency policies to reduce consumption in buildings and infrastructure.
- Adopting policies that promote and support the generation and use of alternative energy.
- Adopting waste reduction and diversion policies such as methane recovery or waste-to-energy programs.
- Adopting policies to replace or repower existing vehicles with cleaner, more efficient vehicles.
- Adopting equipment procurement policies that result in reduced consumption of fossil fuels.
- Implementing commute trip reduction plans and policies that establish reduction goals and strategies to reduce annual per capita vehicle miles travelled by the entity’s community or workforce.
- Adopting policies that preserve forest, agricultural, and open space lands.
- Adopting comprehensive land use plans or planning policies that promote and support development patterns that encourage compact and transit-friendly communities and protect natural resources lands from conversion.

Examples of how the project can be designed or built to reduce GHG emissions include:

- The project site reduces GHG emissions by being located in:
  - Existing developed areas (e.g., high-density areas, urban growth areas, or designated urban centers) where services exist or are planned.
  - Areas where transportation options can be efficiently provided.
  - Areas where conversion of natural resources and rural land is prevented.
  - Areas that promote transportation choices such as transit, bicycle, and pedestrian accessibility.
  - Brownfield redevelopment areas.
  - Other areas that encourage the use of non-single occupancy vehicles and minimize the amount of land to be devoted to the project.

- Methods used to develop, construct, and operate the project reduce the use of fossil fuels (GHG emissions) by:
  - Using high performance sustainable building design, such as the use of green building standards.
o Using green materials and high-energy efficiency measures.

o Promoting the use of recycled content materials for building construction.

o Supporting environmental/ecological footprint improvements (e.g., energy efficiency, water conservation, habitat preservation, green alternatives, waste-to-energy, and lowering surface disturbance).

o Implementing new technologies, practices, and equipment to lower energy use for operation.

o Using renewable energy (wind, geothermal, solar, etc.), distributed energy (solar photovoltaic panels), or purchased green power.

2015-17 Capital Budget Requests

Ecology is requesting $50,000 to install four new electric vehicle (EV) charging stations at the Lacey HQ facility. The four existing EV charging stations are in high demand and sometimes cannot meet the needs of visitors and employees who drive EVs. Ecology will respond to this need by adding four new EV charging stations. Two stations will be available for the public and employees. The other two stations will be dedicated to Ecology’s expanding EV fleet—the agency is currently moving forward with plans to purchase its first EV in late 2014. Providing options for low-carbon commuting aligns with Ecology’s mission and strategic priorities and is supported by current law (RCW 43.01.250).
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### Narrative
Narrative

New Appropriations

30000428 Reducing Toxic Diesel Emissions

This project requires a total of 3.34 FTEs, including 2.90 FTEs to administer grants and manage projects, and 0.44 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium. These positions will continue to administer current fleet programs, plus develop and implement all programs under the new appropriation. These positions implement the diesel emission reduction grant program, including evaluating client needs and solutions, soliciting applications, making awards, contracting with award recipients, contracting with vendors, providing technical assistance, processing vendor/recipient payments, closing grant awards, collecting grantee data on performance enhancements, etc.

30000429 Reducing Toxic Wood Stove Emissions

This project requires a total of 0.58 FTEs, including 0.50 FTEs to administer the project and 0.08 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium. This position establishes competitive grant criteria, solicits grant applications, supervises the grant award process, issues grant awards, supervises award contracting and payments, monitors and reports on program progress, and closes grant awards upon completion.

30000431 Waste Tire Pile Cleanup and Prevention

This project requires a total of 1.15 FTEs, including 1.00 FTE to support tire pile cleanups and 0.15 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium. The 1.00 FTE is required to manage and coordinate tire grant efforts, and provide technical support for prevention, enforcement, and removal efforts.

30000458 Remedial Action Grants

This project requires a total of 2.88 FTEs, including 2.00 FTEs to manage the project, 0.50 FTEs for agencywide capital budget coordination and cash management, and 0.38 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium. The Remedial Action Grant program has two full-time grant administrators managing 90 grants. They are responsible for grant writing, invoice review and approval and grant status reporting. This core work assures prudent oversight and careful financial management of state funds. The grant administrators also provide technical expertise to program development and policy work and to agency-wide projects. For the 2013 Remedial Action Grant program rule changes, their input and review on policy documents was critical to ensure the new direction could be implemented. Their responsibilities have also changed and increased in the past year while Ecology is transitioning to a new grant and loan system. The grant administrators have been active participants in the system's development and are the leads for training grant recipients and Toxics Cleanup Program staff.

30000535 Stormwater Financial Assistance Program

This project requires a total of 8.91 FTEs, including 7.25 FTEs to manage the project, 0.50 FTEs for agencywide capital budget coordination and cash management, and 1.16 FTEs for Agency Administrative Overhead. Ecology will be providing technical, budget and financial management support to the Stormwater Financial Assistance Program. This level of support is consistent with past stormwater grant projects.

30000536 Coastal Wetland Federal Funds

This project requires a total of 0.55 FTEs, including 0.48 FTEs to manage the project and 0.07 FTEs for Agency Administrative Overhead. This is a similar level of FTEs currently supporting this capital project (0.58) in the 2013-15 biennium. An Environmental Planner 3 (0.48 FTE) will manage the grant program and liaison with federal agencies and applicants. This position will administer the federal grants, manage the project contracts to disburse federal funds via the grant program, manage the grant application process, provide liaison with the federal funding agencies, and work with applicants and the federal agencies on grant applications. Award funds would provide $10,000 per award for grant management and administration. Ecology estimates ten awards would provide $100,000 which will require approximately 0.48 FTE for the duration of the 2015-17 biennium.
Narrative

30000537  Floodplains by Design

This project requires a total of 6.85 FTEs, including 5.96 FTEs to administer the floodplain by design grant program and 0.89 FTEs for Agency Administrative Overhead. This is a similar level of FTEs currently supporting this capital project (6.75) in the 2013-15 biennium. 0.50 FTE (Environmental Planner 5) will serve as the project and policy lead for the program as a whole; 1.0 FTE (Environmental Specialist 5) will serve as the permitting expert, streamlining permitting and interagency permit coordination; 0.90 FTE (Environmental Planner 3), 0.13 FTE (Hydrogeologist 3), and 0.25 FTE (Environmental Engineer 5) will provide technical assistance to grant recipients on their grant applications and in implementing their grant award; 2.0 FTE (Environmental Planner 2) will be project managers; 1.0 FTE (Grant and Contract Coordinator) will serve as the financial manager for competitive grants; and 0.18 FTE (Communications Consultant 5) will provide communication and outreach.

30000538  ASARCO Cleanup

This project requires a total of 14.66 FTEs, including 12.75 direct FTEs and 1.91 FTEs for Agency Administrative Overhead. These FTEs will continue to support the ASARCO remediation activities as part of the ten-year cleanup plan. In the 2013-15 biennium 10.75 direct FTEs support this project, but two additional direct FTEs are requested for the 2015-17 biennium for field coordinators. Tacoma Smelter Plume: Two existing field coordinators in the Tacoma Smelter Plume prepare cleanup plans, oversee contractors and coordinate with homeowners and park districts. One existing field coordinator manages yard and park cleanups on Vashon Island, the other manages yard cleanups in Ruston and Tacoma. This request will add a new, third field coordinator to manage half of the estimated 1,100 yard cleanups in Ruston and Tacoma. Everett Smelter Plume: One existing construction manager in the upland Everett Smelter Plume site prepares cleanup plans and specifications, oversees general contractors, samples and maps properties and coordinates with homeowners and park districts. And, there is one existing field coordinator that manages yard and park cleanups. This request will add a new field coordinator (for a total of 2 field coordinators) to oversee the cleanup of 50 to 100 properties (yards and a park facility) each year in Everett. Adding both of these positions to the ASARCO cleanup projects will keep yard and park cleanups on track with the ten-year plan and will save money. Ecology won’t rely on consultants to plan, oversee and coordinate yard and park cleanups. The estimated savings equal about $50,000 to $100,000 per site depending on its size and whether the area is being cleaned up under the Everett or Tacoma cleanup action plan. The Everett Smelter cleanup is more expensive than the Tacoma remediation because the cleanup action plan requires more extensive property cleanup. The deposition of the contamination in Everett was in a more concentrated area. There are extremely high levels of arsenic in the soil at depths exceeding several feet. A related 2015-17 Capital Budget reappropriation request (ASARCO Tacoma Smelter Plume and Mines 30000280) includes 0.92 FTEs (0.80 FTEs ASARCO Project Staff and 0.12 FTEs Agency Administrative Overhead) to continue remediation activities at the Monte Cristo and Golden King Mines.

30000587  Water Irrigation Efficiencies Program

This project requires a total of 1.15 FTEs, including 1.00 FTE of an Environmental Specialist 3 to manage the project and 0.15 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in prior biennia. The 1.00 FTE is required to continue working with conservation districts for a preliminary review of applicant water rights. This will determine the validity of the water rights and assess the net water savings calculation for the irrigation efficiency improvements.

30000588  Columbia River Water Supply Development Program

This project requires a total of 4.45 FTEs, including 3.87 FTEs to manage the projects and 0.58 FTEs for Agency Administrative Overhead. Staff will provide project oversight and management, technical assistance and stakeholder coordination to individual projects. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium.

30000589  Sunnyside Valley Irrigation District Water Conservation

This project requires a total of 0.23 FTEs, including 0.20 FTEs to continue implementing SVID and YRBWEP projects, contract management, oversight, and technical assistance, and 0.03 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium.

30000590  Yakima River Basin Water Supply

This project requires 2.19 FTEs, including 1.90 FTEs to manage the project and 0.29 FTEs for Agency Administrative Overhead. The
Narrative

1.90 FTEs will provide project management, scientific expertise, contract oversight and support to implement Integrated Plan projects. This is a similar level of FTEs currently supporting this capital project (2.30) in the 2013-15 biennium due to the large volume of contracts the OGR manages for Columbia River and Integrated Plan projects, and in anticipation of implementing some very large scale projects (constructing storage) as well as adding numerous small scale habitat projects.

30000591 Watershed Plan Implementation and Flow Achievement

This project requires a total of 1.50 FTEs, including 0.50 FTEs to oversee project management of the individual conservation projects, 0.80 FTEs to provide technical expertise for storage feasibility studies and water acquisition, and 0.20 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium.

Reappropriations

20081951 Transfer of Water Rights for Cabin Owners

This project requires a total of 0.58 FTEs, including 0.50 FTEs to transfer the water to the post-1905 water right holders and write the agreement to collect the prorated portion of the cost for securing the water, and 0.08 FTEs for Agency Administrative Overhead. This is the same level of FTEs as the 2013-15 biennium.

30000280 ASARCO - Tacoma Smelter Plume and Mines

This project requires a total of 0.92 FTEs, including 0.80 direct FTEs and 0.12 FTEs for Agency Administrative Overhead. A Hydrogeologist 3 (0.30 FTE) will support the final remedial investigation and feasibility study and coordinate with the U.S. Forest Service on non-time critical remedial actions. A Hydrogeologist 3 (0.25 FTE) and an Environmental Engineer 2 (0.25 FTE) will support Ecology's work conducting a remedial investigation and feasibility study.

30000283 Coastal Wetlands Federal Funds

This project requires a total of 0.35 FTEs, including 0.30 FTEs to manage the grant program and 0.05 FTE for Agency Administrative Overhead. This is similar to the level of FTEs supporting this capital project in the 2013-15 biennium. Staff resources (Environmental Planner 3) will be needed to administer the federal grants, manage the project contracts, disburse federal funds via the grant program, manage the grant application process, provide liaison with the federal funding agencies, and work with applicants and the federal agencies on grant applications.

30000294 Statewide Stormwater Projects

This project requires a total of 2.36 FTEs, including 2.05 FTEs to manage the project and 0.31 FTEs for Agency Administrative Overhead. Ecological will continue providing technical, budget and financial management support to the Statewide Stormwater Grant Project. This is the same level of FTEs to support this project as the 2013-15 biennium.

30000323 Mercury Switch Removal

This project requires a total of 0.58 FTEs, including 0.50 FTEs to manage the project and 0.08 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium. The 0.50 FTE will continue providing technical assistance and outreach to auto recyclers and scrap processors to maximize business participation, including site visits, updating and distributing guidance documents and Web sites, and participating with national industry associations.

30000328 Coastal Wetlands Federal Funds

This project requires a total of 0.35 FTEs, including 0.30 FTEs to manage the grant program and 0.05 FTE for Agency Administrative Overhead. This is similar to the level of FTEs supporting this capital project in the 2013-15 biennium. Staff resources (Environmental Planner 3) will be needed to administer the federal grants, manage the project contracts, disburse federal funds via the grant program, manage the grant application process, provide liaison with the federal funding agencies, and work with applicants and the federal agencies on grant applications.
Narrative

30000333  Dungeness Water Supply & Mitigation

This project requires a total of 0.23 FTEs, including 0.20 FTEs to manage and implement projects identified under this request and 0.03 FTEs for Agency Administrative Overhead. This is the same level of FTEs as the 2013-15 biennium. Staff will oversee project implementation, monitor expenditures, and work with local entities to complete projects.

91000053  FY 2012 Statewide Stormwater Grant Program

This project requires a total of 2.13 FTEs, including 1.85 FTEs to manage the project and 0.28 FTEs for Agency Administrative Overhead. Ecology will continue providing technical, budget and financial management support to the 2012 Statewide Stormwater Grant Project. This is the same level of FTEs to support this project as the 2013-15 biennium.

91000054  Stormwater Retrofit and LID Competitive

This project requires a total of 1.32 FTEs, including 1.15 FTEs to manage the project and 0.17 FTEs for Agency Administrative Overhead. Ecology will continue providing technical, budget and financial management support to the Stormwater Retrofit and LID Competitive Grant Project. This is the same level of FTEs to support this project as the 2013-15 biennium.

91000181  Skagit Mitigation

This project requires a total of 0.23 FTEs, including 0.20 FTEs for project development and management, and 0.03 FTEs for Agency Administrative Overhead. This is the same level of FTEs supporting this project since the 2012 Supplemental Capital Budget.

92000076  Storm Water Improvements

This project requires a total of 6.96 FTEs, including 6.05 FTEs to manage the project and 0.91 FTEs for Agency Administrative Overhead. Ecology will continue providing technical, budget and financial management support to the Stormwater Improvements Grant Project. This is the same level of FTE support as Fiscal Year 2015.

92000078  Flood Management and Control Grants

This project requires a total of 4.85 FTEs, including 4.22 direct FTEs and 0.63 FTEs for Agency Administrative Overhead. This is a lower level than the 5.75 FTEs supporting the new appropriation in the current 2013-15 biennium.

Flood Hazard Reduction Grants: 0.98 direct FTEs are needed to administer flood hazard reduction grants: 0.04 FTE (Environmental Planner 5) and 0.02 (Environmental Planner 4) for project and policy lead; 0.32 FTE (Environmental Planner 3) and 0.10 FTE (Environmental Engineer 5) for technical assistance to grant recipients; 0.32 FTE (Environmental Planner 2) for project management; and 0.18 FTE (Grant and Contract Coordinator) for financial management.

Floodplain Restoration Grants: 2.74 direct FTEs are needed to administer flood hazard reduction grants: 0.16 FTE (Environmental Planner 5) and 0.10 (Environmental Planner 4) for project and policy lead; 0.58 FTE (Environmental Planner 3) and 0.30 FTE (Environmental Engineer 5) for technical assistance to grant recipients; 1.08 FTE (Environmental Planner 2) for project management; and 0.52 FTE (Grant and Contract Coordinator) for financial management.

Mt. Vernon Protection Project: 0.42 direct FTEs are needed to administer flood hazard reduction grants: 0.42 FTE (Environmental Planner 2) for project management.

Prairie Creek Drainage Improvements: 0.08 direct FTEs are needed to administer flood hazard reduction grants: 0.08 FTE (Environmental Planner 2) for project management.
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<td>This project requires a total of 1.15 FTEs, including 1.00 FTE to support tire pile cleanups and 0.15 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium. The 1.00 FTE is required to manage and coordinate tire grant efforts, and provide technical support for prevention, enforcement, and removal efforts.</td>
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<td>This project requires a total of 0.55 FTEs, including 0.48 FTEs to manage the project and 0.07 FTEs for Agency Administrative Overhead. This is a similar level of FTEs currently supporting this capital project (0.58) in the 2013-15 biennium. An Environmental Planner 3 (0.48 FTE) will manage the grant program and liaison with federal agencies and applicants. This position will administer the federal grants, manage the project contracts to disburse federal funds via the grant program, manage the grant application process, provide liaison with the federal funding agencies, and work with applicants and the federal agencies on grant applications. Award funds would provide $10,000 per award for grant management and administration. Ecology estimates ten awards would provide $100,000 which will require approximately 0.48 FTE for the duration of the 2015-17 biennium.</td>
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<td>This project requires a total of 6.85 FTEs, including 5.96 FTEs to administer the floodplain by design grant program and 0.89 FTEs for Agency Administrative Overhead. This is a similar level of FTEs currently supporting this capital project (5.75) in the 2013-15 biennium. 0.50 FTE (Environmental Planner 5) will serve as the project and policy lead for the program as a whole; 1.0 FTE (Environmental Specialist 5) will serve as the permitting expert, streamlining permitting and interagency permit coordination; 0.90 FTE (Environmental Planner 3), 0.13 FTE (Hydrogeologist 3), and 0.25 FTE (Environmental Engineer 5) will provide technical assistance to grant recipients on their grant applications and in implementing their grant award; 2.0 FTE (Environmental Planner 2) will be project managers; 1.0 FTE (Grant and Contract Coordinator) will serve as the financial manager for competitive grants; and 0.18 FTE (Communications Consultant 5) will provide communication and outreach.</td>
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| ASARCO Cleanup                | 30000538    | TCP     | 14.66      | 15H-1   | This project requires a total of 14.66 FTEs, including 12.75 direct FTEs and 1.91 FTEs for Agency Administrative Overhead. These FTEs will continue to support the ASARCO remediation activities as part of the ten-year cleanup plan. In the 2013-15 biennium 10.75 direct FTEs support this project, but two additional direct FTEs are requested for the 2015-17 biennium for field coordinators.  
  Tacoma Smelter Plume: Two existing field coordinators in the Tacoma Smelter Plume prepare cleanup plans, oversee contractors and coordinate with homeowners and park districts. One existing field coordinator manages yard and park cleanups on Vashon Island, the other manages yard cleanups in Ruston and Tacoma. This request will add a new, third field coordinator to manage half of the estimated 1,100 yard cleanups in Ruston and Tacoma. Everett Smelter Plume: One existing construction manager in the upland Everett Smelter Plume site prepares cleanup plans and specifications, oversees general contractors, samples and maps properties and coordinates with homeowners and park districts. And, there is one existing field coordinator that manages yard and park cleanups. This request will add a new field coordinator (for a total of 2 field coordinators) to oversee the cleanup of 50 to 100 properties (yards and a park facility) each year in Everett.  
  Adding both of these positions to the ASARCO cleanup projects will keep yard and park cleanups on track with the ten-year plan and will save money. Ecology won’t rely on consultants to plan, oversee and coordinate yard and park cleanups. The estimated savings equal about $50,000 to $100,000 per site depending on its size and whether the area is being cleaned up under the Everett or Tacoma cleanup action plan. The Everett Smelter cleanup is more expensive than the Tacoma remediation because the cleanup action plan requires more extensive property cleanup. The deposition of the contamination in Everett was in a more concentrated area. There are extremely high levels of arsenic in the soil at depths exceeding several feet.  
  A related 2015-17 Capital Budget reappropriation request (ASARCO Tacoma Smelter Plume and Mines 30000280) includes 0.92 FTEs (0.80 FTEs ASARCO Project Staff and 0.12 FTEs Agency Administrative Overhead) to continue remediation activities at the Monte Cristo and Golden King Mines. |
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Project #</th>
<th>Program</th>
<th>Total FTEs</th>
<th>Account</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Irrigation Efficiencies Program</td>
<td>30000587</td>
<td>WR</td>
<td>1.15</td>
<td>057-1</td>
<td>This project requires a total of 1.15 FTEs, including 1.00 FTE of an Environmental Specialist 3 to manage the project and 0.15 FTEs for Agency Administrative Overhead. This is the same level of FTEs supporting this capital project in prior biennia. The 1.00 FTE is required to continue working with conservation districts for a preliminary review of applicant water rights. This will determine the validity of the water rights and assess the net water savings calculation for the irrigation efficiency improvements.</td>
</tr>
<tr>
<td>Columbia River Water Supply Development Program</td>
<td>30000588</td>
<td>WR</td>
<td>4.45</td>
<td>10P-1 296-1</td>
<td>This project requires a total of 4.45 FTEs, including 3.87 FTEs to manage the projects and 0.58 FTEs for Agency Administrative Overhead. Staff will provide project oversight and management, technical assistance and stakeholder coordination to individual projects. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium.</td>
</tr>
<tr>
<td>Sunnyside Valley Irrigation District Water Conservation</td>
<td>30000589</td>
<td>WR</td>
<td>0.23</td>
<td>057-1</td>
<td>This project requires a total of 0.23 FTEs, including 0.20 FTEs to continue implementing SVID and YRBWEP projects, contract management, oversight, and technical assistance, and 0.03 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium.</td>
</tr>
<tr>
<td>Yakima River Basin Water Supply</td>
<td>30000590</td>
<td>WR</td>
<td>2.19</td>
<td>057-1</td>
<td>This project requires 2.19 FTEs, including 1.90 FTEs to manage the project and 0.29 FTEs for Agency Administrative Overhead. The 1.90 FTEs will provide project management, scientific expertise, contract oversight and support to implement Integrated Plan projects. This is a similar level of FTEs currently supporting this capital project (2.30) in the 2013-15 biennium due to the large volume of contracts the OCR manages for Columbia River and Integrated Plan projects, and in anticipation of implementing some very large scale projects (constructing storage) as well as adding numerous small scale habitat projects.</td>
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<tr>
<td>Watershed Plan Implementation and Flow Achievement</td>
<td>30000591</td>
<td>WR</td>
<td>1.50</td>
<td>057-1</td>
<td>This project requires a total of 1.50 FTEs, including 0.50 FTEs to oversee project management of the individual conservation projects, 0.80 FTEs to provide technical expertise for storage feasibility studies and water acquisition, and 0.20 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium.</td>
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<tr>
<td><strong>Sub total New Approps</strong></td>
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<td><strong>48.44</strong></td>
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<td>Reappropriations</td>
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<tr>
<td>Transfer of Water Rights for Cabin Owners</td>
<td>20081951</td>
<td>WR</td>
<td>0.58</td>
<td>057-1</td>
<td>This project requires a total of 0.58 FTEs, including 0.50 FTEs to transfer the water to the post–1905 water right holders and write the agreement to collect the prorated portion of the cost for securing the water, and 0.08 FTEs for Agency Administrative Overhead. This is the same level of FTEs as the 2013-15 biennium.</td>
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<tr>
<td>ASARCO - Tacoma Smelter Plume and Mines</td>
<td>30000280</td>
<td>TCP</td>
<td>0.92</td>
<td>15H-1</td>
<td>This project requires a total of 0.92 FTEs, including 0.80 direct FTEs and 0.12 FTEs for Agency Administrative Overhead. A Hydrogeologist 3 (0.30 FTE) will support the final remedial investigation and feasibility study and coordinate with the U.S. Forest Service on non-time critical removal actions. A Hydrogeologist 3 (0.25 FTE) and an Environmental Engineer 2 (0.25 FTE) will support Ecology's work conducting a remedial investigation and feasibility study.</td>
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<tr>
<td>Coastal Wetlands Federal Funds</td>
<td>30000283</td>
<td>SEA</td>
<td>0.35</td>
<td>001-2</td>
<td>This project requires a total of 0.35 FTEs, including 0.30 FTEs to manage the grant program and 0.05 FTE for Agency Administrative Overhead. This is a similar level of FTEs supporting this capital project in the 2013-15 biennium. Staff resources (Environmental Planner 3) will be needed to administer the federal grants, manage the project contracts, disburse federal funds via the grant program, manage the grant application process, provide liaison with the federal funding agencies, and work with applicants and the federal agencies on grant applications.</td>
</tr>
<tr>
<td>Project Title</td>
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<td>Program</td>
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<td>Explanation</td>
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<tr>
<td>Statewide Stormwater Projects</td>
<td>30000294</td>
<td>WQ</td>
<td>2.36</td>
<td>174-1</td>
<td>This project requires a total of 2.36 FTEs, including 2.05 FTEs to manage the project and 0.31 FTEs for Agency Administrative Overhead. Ecology will continue providing technical, budget and financial management support to the Statewide Stormwater Grant Project. This is the same level of FTEs to support this project as the 2013-15 biennium.</td>
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<tr>
<td>Mercury Switch Removal</td>
<td>30000323</td>
<td>HWTR</td>
<td>0.58</td>
<td>173-1</td>
<td>This project requires a total of 0.58 FTEs, including 0.50 FTEs to manage the project and 0.08 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium. The 0.50 FTE will continue providing technical assistance and outreach to auto recyclers and scrap processors to maximize business participation, including site visits, updating and distributing guidance documents and Web sites, and participating with national industry associations.</td>
</tr>
<tr>
<td>Coastal Wetlands Federal Funds</td>
<td>30000328</td>
<td>SEA</td>
<td>0.35</td>
<td>001-2</td>
<td>This project requires a total of 0.35 FTEs, including 0.30 FTEs to manage the grant program and 0.05 FTE for Agency Administrative Overhead. This is a similar level of FTEs supporting this capital project in the 2013-15 biennium. Staff resources (Environmental Planner 3) will be needed to administer the federal grants, manage the project contracts, disburse federal funds via the grant program, manage the grant application process, provide liaison with the federal funding agencies, and work with applicants and the federal agencies on grant applications.</td>
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<tr>
<td>Dungeness Water Supply &amp; Mitigation</td>
<td>30000333</td>
<td>WR</td>
<td>0.23</td>
<td>057-1</td>
<td>This project requires a total of 0.23 FTEs, including 0.20 FTEs to manage and implement projects identified under this request and 0.03 FTEs for Agency Administrative Overhead. This is the same level of FTEs as the 2013-15 biennium. Staff will oversee project implementation, monitor expenditures, and work with local entities to complete projects.</td>
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<tr>
<td>FY 2012 Statewide Stormwater Grant Program</td>
<td>91000053</td>
<td>WQ</td>
<td>2.13</td>
<td>174-1</td>
<td>This project requires a total of 2.13 FTEs, including 1.85 FTEs to manage the project and 0.28 FTEs for Agency Administrative Overhead. Ecology will continue providing technical, budget and financial management support to the 2012 Statewide Stormwater Grant Project. This is the same level of FTEs to support this project as the 2013-15 biennium.</td>
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<tr>
<td>Stormwater Retrofit and LID Competitive</td>
<td>91000054</td>
<td>WQ</td>
<td>1.32</td>
<td>174-1</td>
<td>This project requires a total of 1.32 FTEs, including 1.15 FTEs to manage the project and 0.17 FTEs for Agency Administrative Overhead. Ecology will continue providing technical, budget and financial management support to the Stormwater Retrofit and LID Competitive Grant Project. This is the same level of FTEs to support this project as the 2013-15 biennium.</td>
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<tr>
<td>Skagit Mitigation</td>
<td>91000181</td>
<td>WR</td>
<td>0.23</td>
<td>057-1</td>
<td>This project requires a total of 0.23 FTEs, including 0.20 FTEs for project development and management, and 0.03 FTEs for Agency Administrative Overhead. This is the same level of FTEs supporting this project since the 2012 Supplemental Capital Budget.</td>
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<tr>
<td>Storm Water Improvements</td>
<td>92000076</td>
<td>WQ</td>
<td>6.96</td>
<td>19G-1</td>
<td>This project requires a total of 6.96 FTEs, including 6.05 FTEs to manage the project and 0.91 FTEs for Agency Administrative Overhead. Ecology will continue providing technical, budget and financial management support to the Stormwater Improvements Grant Project. This is the same level of FTE support as Fiscal Year 2015.</td>
</tr>
<tr>
<td>Project Title</td>
<td>Project #</td>
<td>Program</td>
<td>Total FTEs</td>
<td>Account</td>
<td>Explanation</td>
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<tr>
<td>Flood Management and Control Grants</td>
<td>92000078</td>
<td>SEA</td>
<td>4.85</td>
<td>057-1</td>
<td>This project requires a total of 4.85 FTEs, including 4.22 direct FTEs and 0.63 FTEs for Agency Administrative Overhead. This is a lower level than the 5.75 FTEs supporting the new appropriation in the current 2013-15 biennium. Flood Hazard Reduction Grants: 0.98 direct FTEs are needed to administer flood hazard reduction grants: 0.04 FTE (Environmental Planner 5) and 0.02 (Environmental Planner 4) for project and policy lead; 0.32 FTE (Environmental Planner 3) and 0.10 FTE (Environmental Engineer 5) for technical assistance to grant recipients; 0.32 FTE (Environmental Planner 2) for project management; and 0.18 FTE (Grant and Contract Coordinator) for financial management. Floodplain Restoration Grants: 2.74 direct FTEs are needed to administer flood hazard reduction grants: 0.16 FTE (Environmental Planner 5) and 0.10 (Environmental Planner 4) for project and policy lead; 0.58 FTE (Environmental Planner 3) and 0.30 FTE (Environmental Engineer 5) for technical assistance to grant recipients; 1.08 FTE (Environmental Planner 2) for project management; and 0.52 FTE (Grant and Contract Coordinator) for financial management. Mt. Vernon Protection Project: 0.42 direct FTEs are needed to administer flood hazard reduction grants: 0.42 FTE (Environmental Planner 2) for project management. Prairie Creek Drainage Improvements: 0.08 direct FTEs are needed to administer flood hazard reduction grants: 0.08 FTE (Environmental Planner 2) for project management.</td>
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<table>
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<tr>
<th>Sub total Reapps</th>
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<tr>
<td>Total FTEs</td>
<td>69.30</td>
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## 2015-17 Capital Budget Requests Supporting the Puget Sound Action Agenda

September 8, 2014

<table>
<thead>
<tr>
<th>Project Request</th>
<th>Sub-strategy</th>
<th>Near-term action</th>
<th>Puget Sound Dollars</th>
<th>Total Dollars</th>
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<tbody>
<tr>
<td>1. 30000427 Centennial Clean Water Program</td>
<td>C6.3 Implementing priority upgrades of municipal and industrial wastewater facilities</td>
<td></td>
<td>$3,600,000</td>
<td>$60,000,000</td>
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<tr>
<td></td>
<td>C5.3 Improving and expanding funding for onsite sewage systems and local large onsite sewage system program</td>
<td></td>
<td>$1,800,000</td>
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<td></td>
<td>C3.1 Targeting voluntary and incentive-based programs that help working farms contribute to Puget Sound recovery</td>
<td></td>
<td>$4,320,000</td>
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<tr>
<td>2. 30000428 Reducing Toxic Diesel Emissions</td>
<td>C1.3 Adopt and implement plans and control strategies to reduce pollutant releases into Puget Sound from air emissions</td>
<td></td>
<td>$3,685,000</td>
<td>$5,500,000</td>
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<tr>
<td>3. 30000429 Reducing Toxic Woodstove Emissions</td>
<td>C1.3 Adopt and implement plans and control strategies to reduce pollutant releases into Puget Sound from air emissions</td>
<td></td>
<td>$2,700,000</td>
<td>$4,000,000</td>
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<tr>
<td>4. 30000458 Remedial Action Grants</td>
<td>C9.2 Clean up contaminated sites within and near Puget Sound</td>
<td></td>
<td>$62,851,000</td>
<td>$75,000,000</td>
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<tr>
<td>5. 30000490 Leaking Tank Model Remedies</td>
<td>C9.2 Clean up contaminated sites within and near Puget Sound</td>
<td></td>
<td>$495,000</td>
<td>$4,000,000</td>
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<tr>
<td>6. 30000534 Water Pollution Control Revolving Program</td>
<td>C6.3 Implementing priority upgrades of municipal and industrial wastewater facilities</td>
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<td>$103,578,000</td>
<td>$191,000,000</td>
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<tr>
<td></td>
<td>C5.3 Improving and expanding funding for onsite sewage systems and local large onsite sewage system program</td>
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<td>$6,876,000</td>
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<tr>
<td></td>
<td>C3.1 Targeting voluntary and incentive-based programs that help working farms contribute to Puget Sound recovery</td>
<td></td>
<td>$1,146,000</td>
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<tr>
<td>7. 30000535 Stormwater Financial Assistance Program</td>
<td>C2.3 Fix problems caused by existing development</td>
<td></td>
<td>$60,000,000</td>
<td>$100,000,000</td>
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<tr>
<td>8. 30000536 Coastal Wetland Acquisitions</td>
<td>A2.1 Protect and conserve ecologically important lands at risk of conversion</td>
<td></td>
<td>$6,500,000</td>
<td>$10,000,000</td>
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<tr>
<td>9. 30000537 Floodplains by Design</td>
<td>A5.4 Implement and maintain priority floodplain restoration projects</td>
<td>A5.4.4 Implement priority multiple-benefit floodplain restoration projects</td>
<td>$35,000,000</td>
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<tr>
<td>10. 30000538 ASARCO Cleanup</td>
<td>C9.2 Clean up contaminated sites within and near Puget Sound</td>
<td></td>
<td>$11,939,737</td>
<td>$12,146,000</td>
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<tr>
<td>11. 30000542 Clean Up Toxics Sites - Puget Sound</td>
<td>C9.2 Clean up contaminated sites within and near Puget Sound</td>
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<td>$32,000,000</td>
<td>$32,000,000</td>
</tr>
</tbody>
</table>

**Total Capital Requests in Support of the Puget Sound Action Agenda** | | | **$336,490,737** |
Preservation Projects

1. 30000596 Headquarters Preservation Projects ..........................................................49
2. 30000282 Padilla Bay Federal Capital Projects – Reappropriation .........................57
Agency Priority: 16

Project Summary  
Ecology is requesting $760,000 to make repairs and improvements to the headquarters (HQ) facility in Lacey. This includes $450,000 for exterior sealing and waterproofing; $150,000 for parking lot sealing and repair; and $160,000 for fire protection systems renovation. Funding this project will ensure the HQ building is a safe, well-maintained, and efficient facility. The HQ facility provides an operating base for Ecology’s programs and administration, and is an important link in meeting Ecology’s mission to protect, preserve, and enhance Washington’s environment for current and future generations. (State Building Construction Account)

Project Description

What is the proposed project?

This request for $760,000 will allow Ecology to make the following repairs and improvements to the HQ facility in Lacey:

$450,000 – EXTERIOR SEALING AND WATERPROOFING

Ecology’s HQ facility is a concrete building that’s more than 20 years old. To keep this building in good condition, exterior sealing and waterproofing are needed as preventative maintenance measures. These measures are critical to preventing water intrusion, building degradation, and loss of value. Some of these things are already happening; facility managers have observed some minor concrete chipping on the building’s exterior and rainwater leaking through concrete seams to the building’s interior. In the past three years, Ecology has spent approximately $30,000 to repair walls and soffits damaged from two leaking concrete joints on the HQ building’s exterior. Facility managers have recently become aware of two additional leaks in the affected joints. The sealant in these joints is rated by the manufacturer to last 15-20 years; the joints are now more than 20 years old and are beginning to fail. The proposed investments in exterior sealing and waterproofing would address current problems and help avoid costly repairs and disruptions down the line. This portion of the project can be completed during the span of one summer.

$150,000 – PARKING LOT SEALING AND REPAIR

The asphalt surfaces of parking areas at Ecology’s HQ facility are aging and need sealing and repairs. These parking surfaces are swept bi-monthly, but have not been otherwise maintained or repaired since 2008. These improvements will:

- Preserve the condition of parking areas.
- Prevent water intrusion into basement areas below the parking areas.
- Prevent the facility from losing value.

$160,000 - FIRE PROTECTION SYSTEMS RENOVATION

The fire protection systems in Ecology’s HQ facility include sprinkler systems with aging pipes and valves that need replacement or renovation. This infrastructure includes corroded pipes that have been leaking and may not be reliable, which poses serious safety risks for Ecology employees and the public.

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

Ecology’s HQ building is more than 20 years old. Preservation projects are required to keep this facility in good condition, and to ensure building operations are safe and efficient. Implementing this request will:

- Preserve the condition of the HQ facility.
- Help maintain the building’s value over time.
Description

- Protect the building from more costly repairs down the road.
- Ensure the safety of employees and visitors in the event of a fire.

Completing the projects included in this request will reduce needs on Ecology’s deferred maintenance backlog. For example, renovating the fire protection systems at the HQ building will improve the condition of this infrastructure and eliminate the need for frequent maintenance on corroded and leaky pipes.

The effects of non-funding:

If this project is not funded, the HQ facility would be at risk from fire damage, water intrusion, building degradation, and loss of value. People in the building in the event of a fire would also be at risk.

How does the project support the agency and statewide results?

This request is essential to implementing the priorities in Ecology’s strategic plan to provide efficient and effective administrative support, and provide well-maintained, safe, and efficient facilities. The repairs and improvements included in this request are critical steps to keeping the exterior of Ecology’s HQ facility in good condition so it will continue to provide a safe and efficient environment for Ecology’s business operations.

This request is essential to support the Governor’s priority to create a culture of performance and efficiency in state government and Results Washington Goal 5, Effective, Efficient, and Accountable Government by ensuring Ecology facilities are safe, well-maintained, and efficient, and by providing space to support Ecology’s business operations. It also supports Goal 2, Prosperous Economy by helping Ecology maintain sustainable, efficient facilities in good condition.

What are the specific benefits of this project?

The HQ facility is Ecology’s home base, providing office space and infrastructure for more than 900 employees. Ecology also leases space in this facility to tenant agencies, including the federal Environmental Protection Agency (EPA), the Pollution Liability Insurance Agency (PLIA), and the Washington State Conservation Commission (SCC). This building is an important link to the community and Ecology’s stakeholders, who come here for information on Ecology’s environmental programs and to do business with the agency. This includes environmental permit approvals, public meetings, and projects and policy initiatives that also involve local and federal government agencies. This project is an investment in Ecology’s important environmental work and an investment in the community.

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

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

Are FTEs required to support this project?

No.

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

Funding this project will have a positive effect on all of Ecology’s programs and on other agencies and government units that work closely with Ecology. The HQ facility provides a safe and efficient operating base for Ecology’s environmental programs and administrative operations in Lacey and Southwest Washington, and houses partner agencies including EPA, PLIA, and SCC. Maintaining the HQ facility in good condition will benefit these agencies directly.

What is the impact on the state operating budget?
Description

None.

*Why is this the best option or alternative?*
This request includes repairs and improvements that will maintain the condition of Ecology’s HQ facility and prevent it from losing value over time. If funding is not received, projects would be delayed or core environmental work would have to be cut to absorb these costs. Delaying these repairs and improvements would pose safety risks and potentially create the need for more costly repairs in future biennia.

*What is the agency’s proposed funding strategy for the project?*
The proposed option for this project is short-term, minor works funding from the State Building Construction Account. If funded, these projects will be completed within the 2015-17 biennium.

*Location*
- **City:** Lacey
- **County:** Thurston
- **Legislative District:** 022

*Project Type*
- Facility Preservation (Minor Works)

*Growth Management impacts*
- N/A

*Funding*

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<tr>
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<th>Estimated Total</th>
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*Future Fiscal Periods*

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<td>Total</td>
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*Operating Impacts*

No Operating Impact

*SubProjects*

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</thead>
<tbody>
<tr>
<td>30000597</td>
<td>HQ Exterior Sealing and Waterproofing</td>
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</table>
Ecology is requesting $760,000 to make repairs and improvements to the headquarters (HQ) facility in Lacey. This includes $450,000 for exterior sealing and waterproofing; $150,000 for parking lot sealing and repair; and $160,000 for fire protection systems renovation. Funding this project will ensure the HQ building is a safe, well-maintained, and efficient facility. The HQ facility provides an operating base for Ecology's programs and administration, and is an important link in meeting Ecology's mission to protect, preserve, and enhance Washington's environment for current and future generations. (State Building Construction Account)

Project Description
Ecology's HQ facility is a concrete building that's more than 20 years old. To keep this building in good condition, exterior sealing and waterproofing are needed as preventative maintenance measures. These measures are critical to preventing water intrusion, building degradation, and loss of value. Some of these things are already happening; facility managers have observed some minor concrete chipping on the building's exterior and rainwater leaking through concrete seams to the building's interior. In the past three years, Ecology has spent approximately $30,000 to repair walls and soffits damaged from two leaking concrete joints on the HQ building's exterior. Facility managers have recently become aware of two additional leaks in the affected joints. The sealant in these joints is rated by the manufacturer to last 15-20 years; the joints are now more than 20 years old and are beginning to fail. The proposed investments in exterior sealing and waterproofing would address current problems and help avoid costly repairs and disruptions down the line. This portion of the project can be completed during the span of one summer.

Location
City: Lacey
County: Thurston
Legislative District: 022

Project Type
Facility Preservation (Minor Works)

Growth Management impacts
N/A

Funding

<table>
<thead>
<tr>
<th>Acct Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>Prior Biennium</th>
<th>Current Biennium</th>
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<th>New Approps</th>
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Future Fiscal Periods

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<tr>
<th></th>
<th>2017-19</th>
<th>2019-21</th>
<th>2021-23</th>
<th>2023-25</th>
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<tbody>
<tr>
<td>Total</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Operating Impacts
Ecology is requesting $760,000 to make repairs and improvements to the headquarters (HQ) facility in Lacey. This includes $450,000 for exterior sealing and waterproofing; $150,000 for parking lot sealing and repair; and $160,000 for fire protection systems renovation. Funding this project will ensure the HQ building is a safe, well-maintained, and efficient facility. The HQ facility provides an operating base for Ecology’s programs and administration, and is an important link in meeting Ecology’s mission to protect, preserve, and enhance Washington’s environment for current and future generations. (State Building Construction Account)

The asphalt surfaces of parking areas at Ecology’s HQ facility are aging and need sealing and repairs. These parking surfaces are swept bi-monthly, but have not been otherwise maintained or repaired since 2008. These improvements will:

- Preserve the condition of parking areas.
- Prevent water intrusion into basement areas below the parking areas.
- Prevent the facility from losing value.

<table>
<thead>
<tr>
<th>Funding</th>
<th>Estimated Total</th>
<th>Prior Biennium</th>
<th>Current Biennium</th>
<th>Reapprops</th>
<th>New Approps</th>
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</thead>
<tbody>
<tr>
<td>Acct Code</td>
<td>Account Title</td>
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<tr>
<td>057-1</td>
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<td></td>
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<tr>
<td>Total</td>
<td>150,000</td>
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<td>0</td>
<td>0</td>
<td>150,000</td>
</tr>
</tbody>
</table>
Ecology is requesting $760,000 to make repairs and improvements to the headquarters (HQ) facility in Lacey. This includes $450,000 for exterior sealing and waterproofing; $150,000 for parking lot sealing and repair; and $160,000 for fire protection systems renovation. Funding this project will ensure the HQ building is a safe, well-maintained, and efficient facility. The HQ facility provides an operating base for Ecology’s programs and administration, and is an important link in meeting Ecology’s mission to protect, preserve, and enhance Washington’s environment for current and future generations. (State Building Construction Account)

The fire protection systems in Ecology’s HQ facility include sprinkler systems with aging pipes and valves that need replacement or renovation. This infrastructure includes corroded pipes that have been leaking and may not be reliable, which poses serious safety risks for Ecology employees and the public.

Location

City: Lacey
County: Thurston
Legislative District: 022

Project Type
Facility Preservation (Minor Works)

Growth Management impacts
N/A

Funding

<table>
<thead>
<tr>
<th>Account Title</th>
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<tr>
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<td>160,000</td>
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</tr>
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<td></td>
<td>0</td>
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<tr>
<td></td>
<td></td>
<td>160,000</td>
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SubProjects

SubProject Number: 30000599
SubProject Title: Fire Protection Systems Renovation

<table>
<thead>
<tr>
<th>Future Fiscal Periods</th>
<th>2017-19</th>
<th>2019-21</th>
<th>2021-23</th>
<th>2023-25</th>
</tr>
</thead>
<tbody>
<tr>
<td>057-1 State Bldg Constr-State</td>
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<tr>
<td>Total</td>
<td>0</td>
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<td>0</td>
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</table>

Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name Department of Ecology

Contact Name: Bob Bergquist  
Phone: (360) 407-7012  
Fax: (360) 407-6989

Fund(s) Number: Fund 057  
Fund Name: State Building Construction Account

Project Number: 30000596  
Project Title: Preservation Projects at Ecology’s HQ Facility

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No (“No” per OFM instructions, as leased space is <10% of the facility)

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☒ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☒ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☒ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☒ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☒ No

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

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

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

Starting Fiscal Year: 2012
Project Class: Preservation
Agency Priority: 71

Project Summary
The National Oceanic and Atmospheric Administration’s Estuarine Reserve Division administers a yearly competitive capital grant program for the nation’s federal Estuarine Reserves. Ecology’s Padilla Bay Estuarine Reserve is eligible to apply for 70 percent federal grant for facility construction, remodeling, and property acquisition for projects within the scope of the Reserve’s management plan and federal regulations. The 30 percent match required for the awards will be obtained from donations, in-kind contributions, and other non-state sources. This funding was originally appropriated in the 2011-13 biennium. (General Fund Federal)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Location
City: Mount Vernon
County: Skagit
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Growth Management impacts
None

Funding

<table>
<thead>
<tr>
<th>Acct Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>Expenditures Prior Biennium</th>
<th>Current Biennium</th>
<th>Reapprops 2015-17 Fiscal Period</th>
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<tbody>
<tr>
<td>001-2</td>
<td>General Fund-Federal</td>
<td>800,000</td>
<td>0</td>
<td>6,000</td>
<td>794,000</td>
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<td>Total</td>
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<td>800,000</td>
<td>0</td>
<td>6,000</td>
<td>794,000</td>
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Future Fiscal Periods

<table>
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<th>2017-19</th>
<th>2019-21</th>
<th>2021-23</th>
<th>2023-25</th>
</tr>
</thead>
<tbody>
<tr>
<td>001-2 General Fund-Federal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>0</td>
<td>0</td>
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<td>0</td>
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</table>

Operating Impacts

No Operating Impact
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2015-17 Biennium Maintenance Backlog Reduction Plan

September 9, 2014
Summary
This Maintenance Backlog Reduction Plan meets the requirements of the Office of Financial Management’s (OFM) 2015-25 Capital Budget Instructions and RCW 43.88.030 (5)(d). The plan addresses Ecology’s deferred maintenance backlog and includes the following components:

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

Preserving Ecology’s Facilities
The most significant challenge facing Ecology’s facilities management team is preserving the condition of aging buildings through regular maintenance and significant repairs. Ecology will address maintenance and preservation projects through certificates of participation (COP) financing and legislative appropriations; several budget requests submitted for the 2015-17 biennium address current needs at Ecology facilities.

Ecology reviewed all of its facilities in July 2014 as part of its annual Facility Inventory; a report was provided to OFM after this review was completed. In November 2011, McKinstry performed a formal condition assessment on the Heating, Ventilation and Air Conditioning (HVAC) system at Ecology’s Headquarters building in Lacey (Lacey HQ). This assessment evaluated engineering and environmental aspects of the HVAC systems and identified costs associated with any potential fixes and upgrades. The assessment identified a need to replace all HVAC systems within 3-4 years. In addition, in April 2012, Hargis Electrical Engineers performed a high-level engineering study that determined the current emergency power and backup power systems are unreliable and not up to code. Ecology plans to fund these projects with a COP issued by the Office of the State Treasurer. Ecology will submit an operating budget proposal to fund COP payments for these projects over 10 years.

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

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

<table>
<thead>
<tr>
<th>Activity</th>
<th>Approximate Biennium Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Janitorial</td>
<td>$425,000</td>
</tr>
<tr>
<td>Fire Protection</td>
<td>$300,000</td>
</tr>
<tr>
<td>Security</td>
<td>$300,000</td>
</tr>
<tr>
<td>Landscaping</td>
<td>$280,000</td>
</tr>
<tr>
<td>Carpet Upkeep</td>
<td>$230,000</td>
</tr>
<tr>
<td>Painting &amp; Finishes</td>
<td>$210,000</td>
</tr>
<tr>
<td>Electrical Maintenance</td>
<td>$200,000</td>
</tr>
<tr>
<td>Card Access</td>
<td>$150,000</td>
</tr>
<tr>
<td><strong>Biennium Total</strong></td>
<td><strong>$2,095,000</strong></td>
</tr>
</tbody>
</table>

Ecology’s 20 year old Lacey HQ facility has not experienced a catastrophic failure. However, while the agency has been able to fund ongoing maintenance and repairs through the its operating budget, as the HQ facility ages and the maintenance backlog grows, the agency will require capital budget funding to address major preservation projects.

Normal Maintenance Activities

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

Following is a list identifying a sample of normal maintenance activities funded through current operating resources for equipment at Lacey HQ:
<table>
<thead>
<tr>
<th>Equipment</th>
<th>Normal Maintenance Activity</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trash Bins</td>
<td>Empty</td>
<td>Nightly</td>
</tr>
<tr>
<td>Floor Coverings</td>
<td>Vacuum</td>
<td>Three times/week</td>
</tr>
<tr>
<td>Office Surfaces</td>
<td>Dust</td>
<td>Weekly</td>
</tr>
<tr>
<td>Restrooms</td>
<td>Clean</td>
<td>Nightly</td>
</tr>
<tr>
<td>Landscaping</td>
<td>Maintenance</td>
<td>As needed</td>
</tr>
<tr>
<td>Ceiling Vents</td>
<td>Clean</td>
<td>Monthly</td>
</tr>
<tr>
<td>Generator</td>
<td>Empty Sump Pump</td>
<td>Weekly</td>
</tr>
<tr>
<td>Generator</td>
<td>Inspection</td>
<td>Annually</td>
</tr>
<tr>
<td>Air Conditioning Units</td>
<td>Inspection</td>
<td>Quarterly</td>
</tr>
<tr>
<td>Air Conditioning Units</td>
<td>Clean</td>
<td>Annually</td>
</tr>
<tr>
<td>HVAC Cooling Tower</td>
<td>Inspection</td>
<td>Quarterly</td>
</tr>
<tr>
<td>HVAC Cooling Tower</td>
<td>Water Treatment</td>
<td>Monthly</td>
</tr>
<tr>
<td>HVAC Water Pump</td>
<td>Inspection</td>
<td>Quarterly</td>
</tr>
<tr>
<td>HVAC Exhaust Fans</td>
<td>Visual Inspection</td>
<td>Quarterly</td>
</tr>
<tr>
<td>HVAC Supply Fans</td>
<td>Inspection</td>
<td>Bi-annually</td>
</tr>
<tr>
<td>Kitchen HVAC</td>
<td>Inspection</td>
<td>Bi-annually</td>
</tr>
<tr>
<td>Electric Heat Duct Coils</td>
<td>Inspection</td>
<td>Annually</td>
</tr>
<tr>
<td>Electric Unit Heaters</td>
<td>Inspection</td>
<td>Annually</td>
</tr>
<tr>
<td>Uninterruptible Power Supply (UPS) for IT Servers</td>
<td>Testing</td>
<td>Quarterly</td>
</tr>
<tr>
<td>Water Heaters</td>
<td>Testing</td>
<td>Quarterly</td>
</tr>
<tr>
<td>Water Heaters</td>
<td>Inspection</td>
<td>Annually</td>
</tr>
<tr>
<td>Stormwater Pump</td>
<td>Inspection</td>
<td>Annually</td>
</tr>
</tbody>
</table>

**Prioritization**

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

- Need to address an employee health or safety situation.
- Urgency of a deferred project (prevents or mitigates catastrophic losses).
- Return on investment in projects that will reduce costs (e.g., energy savings, risk reductions, and productivity gains).
- Timing of cyclical maintenance projects (major maintenance that must be completed to maintain functional and safe facilities).
- Effect on a facility and the agency’s budget in the short and long term.
- Ability to combine projects to save money and limit disruption.
Administrative and facilities personnel meet monthly to identify new projects, report on the status of current projects and set priorities. The team updates the Preservation Plan to reflect any new information or changing priorities.

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

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

The condition of Ecology-owned facilities is summarized below:

**Lacey HQ:**
Ecology’s Lacey HQ building is 20 years old, and is in relatively good condition. As the building ages, regular maintenance and potentially significant repairs will be required to preserve the condition of this facility and to ensure building operations are safe and efficient. Capital investments identified for the 2015-17 biennium include projects to replace corroded and leaky fire protection system components, seal and waterproof the building’s exterior, repair parking lot surfaces, and install new charging stations for electric vehicles (EVs) to meet increased demand from employees, the public, and Ecology’s fleet. Budget requests for the 2015-17 biennium also include an operating budget request to fund COP payments on the HVAC and Emergency Generator projects; these projects will cost $3,638,000; the budget request is for $16 M in COP payments spread over a ten-year term. These investments will help the Lacey HQ facility maintain its value over time, and protect the building from needing more costly repairs down the road.

**Eastern Regional Office (ERO):**
Ecology’s ERO in Spokane is almost 40 years old. This aging building requires regular maintenance and repairs to keep the facility in good condition. Investments identified for the 2015-17 biennium include projects to replace interior light fixtures, update break room and storage areas, complete code-required fire safety improvements and make updates to the facility’s Master Plan so that it addresses needs for additional space required for laboratory analysis and storage of environmental fieldwork gear.
**Padilla Bay Reserve:**
The Padilla Bay National Estuarine Research Reserve (Padilla Bay NERR) is located 60 miles north of Seattle between Mount Vernon and Anacortes. This is a research-oriented facility with a limited amount of office space, comprised of several buildings located on 64 acres. Buildings include an office and meeting facility, an interpretive center, a historical farmhouse, a scientific research laboratory, a restored barn used as a storage and maintenance facility, a bunk house to accommodate research scientists, volunteers, and meeting participants, and a boat and equipment building. No major projects are planned for the 2015-17 biennium, although normal maintenance will be required to keep the facility in good condition.

**Zosel Dam:**
The Zosel Dam is an Ecology owned and operated dam facility located at the south end of Lake Osoyoos in Okanogan County. Ecology has contracted with the Oroville-Tonasket Irrigation District to maintain the dam. Normal maintenance and repairs and recent improvements have kept this facility in good condition. Ecology’s Dam Safety Office routinely inspects the dam to ensure it complies with all safety standards. No projects are planned for the Zosel Dam in the 2015-17 biennium.

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

The plan reflects current priorities. These may change as the agency identifies new projects or changes priorities of existing projects.
<table>
<thead>
<tr>
<th>Facility</th>
<th>Project</th>
<th>Project Cost</th>
<th>Fund Source</th>
<th>Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lacey HQ</strong></td>
<td>Electric vehicle charging stations</td>
<td>$50,000</td>
<td>Capital Budget</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Fire protection systems renovation</td>
<td>$160,000</td>
<td>Capital Budget</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Exterior sealing, waterproofing, and painting</td>
<td>$450,000</td>
<td>Capital Budget</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Parking lot seal and repair</td>
<td>$150,000</td>
<td>Capital Budget</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cafeteria repair, finishes, and furnishings</td>
<td>$150,000</td>
<td>Capital Budget</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Update copy, recycle, and break rooms</td>
<td>$60,000</td>
<td>Capital Budget</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Convert library to office space</td>
<td>$150,000</td>
<td>Capital Budget</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Emergency generator and HVAC upgrades</td>
<td>$16,000,000</td>
<td>Operating Budget/COP</td>
<td>1</td>
</tr>
<tr>
<td><strong>Eastern Regional Office (ERO)</strong></td>
<td>Interior light fixture update/replacement</td>
<td>$75,000</td>
<td>Capital Budget</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Break room/storage renovation</td>
<td>$25,000</td>
<td>Capital Budget</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Code-required fire safety improvements</td>
<td>$30,000</td>
<td>Capital Budget</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Master plan design for expansion needs</td>
<td>$200,000</td>
<td>Operating Budget</td>
<td>2</td>
</tr>
</tbody>
</table>

**2017-19 Biennium**

<table>
<thead>
<tr>
<th>Facility</th>
<th>Project</th>
<th>Project Cost</th>
<th>Fund Source</th>
<th>Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lacey HQ</strong></td>
<td>Elevator renovation</td>
<td>$95,000</td>
<td>Operating Budget</td>
<td>TBD</td>
</tr>
<tr>
<td></td>
<td>Roof repairs and major cleaning</td>
<td>$75,000</td>
<td>Operating Budget</td>
<td>TBD</td>
</tr>
<tr>
<td></td>
<td>Atrium interior painting and finishes</td>
<td>$150,000</td>
<td>Operating Budget</td>
<td>TBD</td>
</tr>
<tr>
<td></td>
<td>Interior lights and re-lamping</td>
<td>$70,000</td>
<td>Operating Budget</td>
<td>TBD</td>
</tr>
</tbody>
</table>

**2019-21 Biennium**

<table>
<thead>
<tr>
<th>Facility</th>
<th>Project</th>
<th>Project Cost</th>
<th>Fund Source</th>
<th>Priority</th>
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<td>Phase I system furniture replacement</td>
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<td>Stormwater retention improvements</td>
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**2021-23 Biennium**

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**2023-25 Biennium**

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Programmatic Projects

1. 30000578  Headquarters and Eastern Regional Office Programmatic .....................69
2. 30000583  Headquarters Design Projects .................................................................79
3. 30000335  Padilla Bay Federal Capital Projects – Reappropriation .........................83
*** This page intentionally blank. ***
Agency Priority: 17

Project Summary

Ecology is requesting $180,000 to make repairs and improvements to the headquarters (HQ) facility in Lacey and the Eastern Regional Office (ERO) in Spokane. This includes $50,000 for installing four electric vehicle (EV) charging stations at the Lacey HQ facility. For ERO it includes $75,000 for interior light fixture update and replacement, $25,000 for renovating the break room/storage area, and $30,000 for code-required fire safety improvements. These projects will ensure the HQ and ERO buildings are safe, well-maintained, and efficient facilities. These state-owned facilities are important links in helping meet Ecology’s mission to protect, preserve, and enhance Washington’s environment for current and future generations. (State Building Construction Account)

Project Description

What is the proposed project?

This request for $180,000 will allow Ecology to make the following repairs and improvements to the HQ facility in Lacey and the ERO facility in Spokane:

$50,000 – ELECTRIC VEHICLE CHARGING STATIONS (LACEY HQ)

Ecology currently offers some electric vehicle (EV) charging stations at its HQ facility, but these stations are in high demand and sometimes cannot meet the needs of visitors and employees who drive EVs. Ecology will respond to this need by adding four new EV charging stations. Two stations will be available for the public and employees. The other two will be dedicated to Ecology’s expanding EV fleet. Providing options for low-carbon commuting aligns with Ecology’s mission and strategic priorities and is supported by current law (RCW 43.01.250).

$75,000 – INTERIOR LIGHT FIXTURE UPDATE/REPLACEMENT (ERO)

Lighting infrastructure at Ecology’s ERO facility is aging beyond its life expectancy. To save money, streamline maintenance tasks, and minimize disruptions to Ecology’s business operations, Ecology plans to replace light fixtures throughout the building at one time, rather than spreading the work over several weeks or months. This work can be completed by Ecology’s property management contractor, and will likely be scheduled during nighttime or weekend hours to minimize disruptions to ERO staff. Current estimates are based on replacement with a like-product, although Ecology will consider other cost-effective fixture replacement options if they are more energy-efficient.

$25,000 – BREAK ROOM/STORAGE RENOVATION (ERO)

The current break room and storage area at Ecology’s ERO is a one-room space with a kitchen. This area has not been updated in more than 15 years, and some of the surfaces are badly worn and damaged, making cleaning difficult. Unclean surfaces in a space where Ecology employees prepare food and eat is a health and safety concern. To improve the safety and efficiency of this space, Ecology is requesting funds for renovations, including new countertop surfaces and fixtures that will be completed during the 2015-17 biennium.

$30,000 – CODE-REQUIRED FIRE SAFETY IMPROVEMENTS (ERO)

Ecology recently installed an Uninterruptible Power Supply in the ERO server room to make technology at this facility more resilient from disruptions. As part of this project, Ecology hired an engineering firm (Womer & Associates) to perform a structural analysis of the building. The analysis revealed Heating Ventilation and Air Conditioning (HVAC) shafts that need work to protect the structure from fire and bring the building up to current fire code requirements. Specifically, dampers need to be added to these HVAC shafts to prevent a fire from spreading quickly throughout the building. This portion of the request
Description

includes a bid package and constructing the required improvements. Not bringing the building up to code is a serious safety concern and liability for Ecology’s ERO. Funding this request will protect the lives of Ecology employees and the public by bringing the facility into fire code compliance.

What opportunity or problem is driving this request?

The reason for the project:

Ecology’s HQ and ERO buildings are aging and require regular maintenance to keep these facilities in good working condition, and ensure building operations are safe and efficient. Funding this request will preserve the condition of the HQ and ERO facilities, help maintain their value over time, protect the buildings from more costly repairs down the road, and help ensure the safety of Ecology staff and customers.

Completing these repairs and improvements will reduce needs on Ecology’s deferred maintenance backlog. For example, replacing light fixtures throughout the ERO building is an efficient process that will eliminate the need to replace lights and ballasts on a more costly and disruptive one-by-one basis.

The effects of non-funding:

If this project is not funded, the ERO facility would continue to degrade and lose value. More serious consequences of not funding this project include fire safety liabilities related to the HVAC shafts, which need dampers to be brought up to code.

Also, if this project is not funded, the Lacey HQ facility will not have adequate capacity for charging electric vehicles and will not be able to meet demand from stakeholders, including visitors, employees, and Ecology’s fleet.

How does the project support the agency and statewide results?

This request is essential to implementing the priorities in Ecology’s strategic priorities to provide efficient and effective administrative support, and provide well-maintained, safe, and efficient facilities. The repairs and improvements included in this request are critical steps to keeping Ecology’s HQ and CRO facilities in good condition so they will continue to provide a safe and efficient environment for Ecology’s business operations.

This request is also related to the Governor’s Energy and Climate priority by ensuring the HQ facility is energy efficient and uses current and clean technology by providing adequate charging stations for electric vehicles. EVs are supported by state government in RCW 43.01.250.

This request is essential to support the Governor’s priority to create a culture of performance and efficiency in state government. The request also supports Results Washington Goal 3, Sustainable Energy and a Clean Environment by providing infrastructure for electric vehicles and Goal 5, Effective, Efficient, and Accountable Government by ensuring Ecology facilities are safe, well-maintained, and efficient, and by providing space to support Ecology’s business operations. It also supports Goal 2, Prosperous Economy by helping Ecology maintain sustainable, efficient facilities in good condition.

What are the specific benefits of this project?

The ERO is Ecology’s home base in Eastern Washington, providing office space and infrastructure for more than 130 employees. The Lacey HQ facility is Ecology’s center of operations, providing office space and infrastructure for more than 900 employees. Ecology also leases space in this facility to other agencies, including the federal Environmental Protection Agency (EPA), the Pollution Liability Insurance Agency (PLIA) and the Washington State Conservation Commission (SCC).

These buildings are important links to the community and Ecology’s stakeholders, who come for information on Ecology’s environmental programs and to do business with the agency. This includes environmental permit approvals, public meetings, and projects and policy initiatives that also involve local and federal government agencies. This project is an investment in
Description
Ecology’s important environmental work and an investment in the community.

How will clients be affected and services change if this project is funded?
Funding this project will allow Ecology to continue providing services to stakeholders, including citizens, businesses, and government partners. If this project is not funded, Ecology’s services may be impacted negatively as the condition of the HQ and ERO facilities continues to degrade.

Are FTEs required to support this project?
No.

How will the other state programs or units of government be affected if this project is funded?
Funding this project will have a positive effect on all of Ecology’s programs and on other agencies and government units that work closely with Ecology. The HQ facility provides a safe and efficient operating base for Ecology’s environmental programs and administrative operations in Lacey and Southwest Washington, and houses partner agencies including EPA, PLIA, and SCC. Maintaining the HQ facility in good condition will benefit these agencies directly.

What is the impact on the state operating budget?
None.

Why is this the best option or alternative?
This project includes repairs and improvements that will increase the efficiency and safety of Ecology’s HQ and ERO facilities and prevent them from losing value over time. If funding is not received, projects would be delayed or core environmental work would have to be cut to absorb these costs. Delaying these repairs and improvements would pose safety risks and potentially create the need for more costly repairs and improvements in future biennia.

The current EV charging stations at Ecology’s Lacey HQ facility are in use six days a week; sometimes demand exceeds capacity, leaving employees and the public with no place to charge their EVs. The alternative to this part of the request would be not to add capacity for charging EVs, which would not meet the demand of Ecology’s customers, employees, or fleet.

What is the agency’s proposed funding strategy for the project?
The proposed option for this project is short-term, minor works funding from the State Building Construction Account. If funded, these project components will be completed within the 2015-17 biennium.

Location
City: Lacey
County: Thurston
Legislative District: 022

City: Spokane
County: Spokane
Legislative District: 003

Project Type
Program (Minor Works)

Growth Management impacts
None

New Facility: No

How does this fit in master plan
N/A
**Funding**

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**Operating Impacts**

No Operating Impact

**SubProjects**

SubProject Number: 30000579
SubProject Title: Electric Vehicle Charging Stations

Starting Fiscal Year: 2016
Project Class: Program
Agency Priority: 17

**Project Summary**

Ecology is requesting $180,000 to make repairs and improvements to the headquarters (HQ) facility in Lacey and the Eastern Regional Office (ERO) in Spokane. This includes $50,000 for installing four electric vehicle (EV) charging stations at the Lacey HQ facility. For ERO it includes $75,000 for interior light fixture update and replacement, $25,000 for renovating the break room/storage area, and $30,000 for code-required fire safety improvements. These projects will ensure the HQ and ERO buildings are safe, well-maintained, and efficient facilities. These state-owned facilities are important links in helping meet Ecology’s mission to protect, preserve, and enhance Washington’s environment for current and future generations. (State Building Construction Account)

**Project Description**

Ecology currently offers some electric vehicle (EV) charging stations at its HQ facility, but these stations are in high demand and sometimes cannot meet the needs of visitors and employees who drive EVs. Ecology will respond to this need by adding four new EV charging stations. Two stations will be available for the public and employees. The other two will be dedicated to Ecology’s expanding EV fleet. Providing options for low-carbon commuting aligns with Ecology’s mission and strategic priorities and is supported by current law (RCW 43.01.250).

**Location**

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**Project Type**

Program (Minor Works)
SubProjects

SubProject Number: 30000579
SubProject Title: Electric Vehicle Charging Stations

Growth Management impacts
None

New Facility: No
How does this fit in master plan
N/A

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Future Fiscal Periods

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Operating Impacts
No Operating Impact

SubProject Number: 30000580
SubProject Title: Interior Light Fixture Update/Replacement
Ecology is requesting $180,000 to make repairs and improvements to the headquarters (HQ) facility in Lacey and the Eastern Regional Office (ERO) in Spokane. This includes $50,000 for installing four electric vehicle (EV) charging stations at the Lacey HQ facility. For ERO it includes $75,000 for interior light fixture update and replacement, $25,000 for renovating the break room/storage area, and $30,000 for code-required fire safety improvements. These projects will ensure the HQ and ERO buildings are safe, well-maintained, and efficient facilities. These state-owned facilities are important links in helping meet Ecology’s mission to protect, preserve, and enhance Washington’s environment for current and future generations. (State Building Construction Account)

**Project Summary**
Lighting infrastructure at Ecology's ERO facility is aging beyond its life expectancy. To save money, streamline maintenance tasks, and minimize disruptions to Ecology's business operations, Ecology plans to replace light fixtures throughout the building at one time, rather than spreading the work over several weeks or months. This work can be completed by Ecology's property management contractor, and will likely be scheduled during nighttime or weekend hours to minimize disruptions to ERO staff. Current estimates are based on replacement with a like-product, although Ecology will consider other cost-effective fixture replacement options if they are more energy-efficient.

**Location**
- City: Spokane
- County: Spokane
- Legislative District: 003

**Project Type**
- Program (Minor Works)

**Growth Management impacts**
- None

**New Facility:** No

**How does this fit in master plan**
- N/A

**Funding**

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**Future Fiscal Periods**

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- 2017-19
- 2019-21
- 2021-23
- 2023-25

**Report Number:** CBS002
**Date Run:** 9/8/2014 9:29AM
Ecology is requesting $180,000 to make repairs and improvements to the headquarters (HQ) facility in Lacey and the Eastern Regional Office (ERO) in Spokane. This includes $50,000 for installing four electric vehicle (EV) charging stations at the Lacey HQ facility. For ERO it includes $75,000 for interior light fixture update and replacement, $25,000 for renovating the break room/storage area, and $30,000 for code-required fire safety improvements. These projects will ensure the HQ and ERO buildings are safe, well-maintained, and efficient facilities. These state-owned facilities are important links in helping meet Ecology’s mission to protect, preserve, and enhance Washington’s environment for current and future generations. (State Building Construction Account)

The current break room and storage area at Ecology’s ERO is a one-room space with a kitchen. This area has not been updated in more than 15 years, and some of the surfaces are badly worn and damaged, making cleaning difficult. Unclean surfaces in a space where Ecology employees prepare food and eat is a health and safety concern. To improve the safety and efficiency of this space, Ecology is requesting funds for renovations, including new countertop surfaces and fixtures that will be completed during the 2015-17 biennium.

<table>
<thead>
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Project Summary
Ecology is requesting $180,000 to make repairs and improvements to the headquarters (HQ) facility in Lacey and the Eastern Regional Office (ERO) in Spokane. This includes $50,000 for installing four electric vehicle (EV) charging stations at the Lacey HQ facility. For ERO it includes $75,000 for interior light fixture update and replacement, $25,000 for renovating the break room/storage area, and $30,000 for code-required fire safety improvements. These projects will ensure the HQ and ERO buildings are safe, well-maintained, and efficient facilities. These state-owned facilities are important links in helping meet Ecology’s mission to protect, preserve, and enhance Washington’s environment for current and future generations. (State Building Construction Account)
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Project Description
Ecology recently installed an Uninterruptible Power Supply in the ERO server room to make technology at this facility more resilient from disruptions. As part of this project, Ecology hired an engineering firm (Womer & Associates) to perform a structural analysis of the building. The analysis revealed Heating Ventilation and Air Conditioning (HVAC) shafts that need work to protect the structure from fire and bring the building up to current fire code requirements. Specifically, dampers need to be added to these HVAC shafts to prevent a fire from spreading quickly throughout the building. This portion of the request includes a bid package and constructing the required improvements. Not bringing the building up to code is a serious safety concern and liability for Ecology’s ERO. Funding this request will protect the lives of Ecology employees and the public by bringing the facility into fire code compliance.

Location
City: Spokane
County: Spokane
Legislative District: 003

Project Type
Program (Minor Works)
## SubProjects

### SubProject Number: 30000582

**SubProject Title:** Code Required Fire Safety Improvements

### Growth Management impacts

None

### New Facility: No

### How does this fit in master plan

N/A

### Funding

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| 057-1     | State Bldg Constr-State       | 30,000          | 0              | 0               | 0         | 30,000      |

**Future Fiscal Periods**

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- **2021-23:** 0
- **2023-25:** 0

### Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

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<tr>
<td>Contact Name:</td>
<td>Bob Bergquist</td>
<td>Phone:</td>
<td>(360) 407-7012</td>
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<td>Fund(s) Number:</td>
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<td>Project Title:</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No (“No” per OFM instructions, as leased space is <10% of the facilities)
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☑ No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☑ No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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

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

Attach this form to your project in CBS. The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
Agency Priority: Ecology is requesting $360,000 to complete design projects for Ecology’s headquarters (HQ) facility in Lacey. The facility is over 20 years old now, and certain areas have outlived their functionality. This request includes $150,000 to design improvements and repairs to the building’s cafeteria; $60,000 to design updates for copy, recycle, and break rooms; and $150,000 for design options to convert the building’s library to office space. Funding this project will ensure the HQ building is a safe and well-maintained facility that makes efficient use of space. The HQ facility provides an operating base for Ecology’s programs and administration. (State Building Construction Account)

Project Summary

Ecology is requesting $360,000 to complete design projects for Ecology’s headquarters (HQ) facility in Lacey. The facility is over 20 years old now, and certain areas have outlived their functionality. This request includes $150,000 to design improvements and repairs to the building’s cafeteria; $60,000 to design updates for copy, recycle, and break rooms; and $150,000 for design options to convert the building’s library to office space. Funding this project will ensure the HQ building is a safe and well-maintained facility that makes efficient use of space. The HQ facility provides an operating base for Ecology’s programs and administration. (State Building Construction Account)

Project Description

What is the proposed project?

This request for $360,000 will allow Ecology to complete the following design projects for the HQ facility in Lacey:

$150,000 – CAFETERIA REPAIR, FINISHES, AND FURNISHINGS

The cafeteria at Ecology’s HQ facility has not been updated since the building was constructed more than 20 years ago, and it is showing signs of aging. Work surfaces have degraded, making them hard to clean effectively, and some of the seating and service areas need repair or redesign to provide employees and visitors with a safe, healthy, and efficient dining experience. The cafeteria serves many of the more than 900 employees who work at the HQ facility every day; it is in Ecology’s and the state’s best interest to keep the cafeteria in good condition so employees will stay for lunch, reducing commute miles and helping to shrink Ecology’s carbon footprint.

$60,000 – UPDATE COPY, RECYCLE, AND BREAK ROOMS

Business technology has changed drastically in the past 20 years. The copy/recycle/break rooms at Ecology’s HQ facility need to be updated to reflect these changes so these spaces can be used effectively. There are several of these small, multi-use spaces throughout the HQ building. These spaces used to be dedicated primarily to copy services and recycling. Now that copy and printing functions have been consolidated and waste management has been streamlined, use of these spaces has shifted toward employee break rooms. But, since the space was designed for a different purpose, the form doesn’t fit the function. Surfaces in these rooms are also worn and difficult to clean, making them ineffective for rooms where employees are eating and drinking. This design project will provide options for healthy and efficient break room spaces at Ecology HQ.

$150,000 – CONVERT LIBRARY TO OFFICE SPACE DESIGN

Ecology’s library is located on the third floor of the HQ facility. This 7,846 square feet space is adjacent to Ecology’s administrative offices. The library was established in 1970, and holds collections related to the agency’s business areas. As technology and records management have changed, use of this space has changed, and much of it is empty or underused. This project will provide design options for converting the library to office space, which will allow Ecology to consolidate more administrative business functions on the third floor of the building. Library functions can then be relocated to a smaller space in a more accessible area of the HQ facility.

What opportunity or problem is driving this request?

The reason for the project:

Ecology’s HQ building is more than 20 years old. Regular maintenance and effective planning is required to keep this facility in good condition, and to ensure building operations are safe and efficient. Funding this proposal will improve space use at the HQ facility, and provide Ecology with an efficient space for doing business. The HQ facility provides an operating base for the
Description

agency's programs and administration and is an important link in meeting Ecology's mission to protect, preserve, and enhance Washington's environment for current and future generations.

If this project is funded, space at the HQ facility will be designed to meet the needs of Ecology's current and future work force. This building is home to more than 900 employees who need a healthy and efficiently-designed workplace; this project will ensure cafeteria and break room spaces where employees eat are clean and efficient. This project will also help Ecology make better use of space on the third floor of the building by converting underused library space to office space.

The effects of non-funding:

If this project is not funded, Ecology's services may be impacted negatively as the condition of the HQ facility continues to degrade. Ecology cannot move forward with improvements until design options are completed. Without these options, the space in the existing library area will continue to be underutilized, and cafeteria and break room areas will continue to be inefficient and in worsening condition. New design options are necessary for Ecology to make efficient use of space at the HQ building and provide employees and customers with a safe and healthy place to do business.

How does the project support the agency and statewide results?

This request is essential to implementing the priorities in Ecology's strategic plan to provide efficient and effective administrative support, and provide well-maintained, safe, and efficient facilities. The design options are critical pieces needed to make effective use of space at Ecology's HQ facility and to keep the building in good working condition so it will continue to provide a safe and efficient environment for Ecology's business operations.

This request is essential to support the Governor's priority to create a culture of performance and efficiency in state government and Results Washington Goal 5, Effective, Efficient, and Accountable Government by ensuring Ecology facilities are safe, well-maintained, and efficient, and by providing space to support Ecology's business operations. It also supports Goal 2, Prosperous Economy by helping Ecology maintain sustainable, efficient facilities in good condition.

What are the specific benefits of this project?

The HQ facility is Ecology's home base, providing office space and infrastructure for more than 900 employees. Ecology also leases space in this facility to tenant agencies, including the federal Environmental Protection Agency (EPA), the Pollution Liability Insurance Agency (PLIA), and the Washington State Conservation Commission (SCC). This building is an important link to the community and Ecology's stakeholders, who come here for information on Ecology's environmental programs and to do business with the agency. This includes environmental permit approvals, public meetings, and projects and policy initiatives that also involve local and federal government agencies. This project is an investment in Ecology's important environmental work and an investment in the community.

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

No impact.

Are FTEs required to support this project?

None.

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

Funding this project is the first step in improving the use of space at Ecology's HQ facility, which will have a positive effect on all of Ecology's programs and on other agencies and government units that work closely with Ecology. The HQ facility provides a safe and efficient operating base for Ecology's business operations in Lacey and Southwest Washington, and houses partner agencies including SCC and EPA. Maintaining the HQ facility in good condition will benefit these agencies directly.
Description

What is the impact on the state operating budget?

None.

Why is this the best option or alternative?

This request includes design alternatives that will improve the efficiency and safety of Ecology's HQ facility and make better use of space within the existing footprint. If funding is not received, design projects would be delayed or core environmental work would have to be cut to absorb these costs. Delaying this design work would mean Ecology would have to delay modifying and improving the space in the HQ building.

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

The proposed funding for this project is the State Building Construction Account. If funded, these design components will be completed within the 2015-17 biennium.

Location

City: Lacey  County: Thurston  Legislative District: 022

Project Type

Program (Minor Works)

Growth Management impacts

N/A

New Facility:  No

How does this fit in master plan

N/A

Funding

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Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No.  461  
Agency Name  
Department of Ecology

Contact Name:  Bob Bergquist  
Phone:  (360) 407-7012  
Fax:  (360) 407-6989

Fund(s) Number:  Fund 057  
Fund Name:  State Building Construction Account  
Project Number:  30000583  
Project Title:  Design Projects for Ecology's HQ Facility

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes  X  No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes  X  No (“No” per OFM instructions, as leased space is <10% of the facility)

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes  X  No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes  X  No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? □ Yes  X  No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? □ Yes  X  No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? □ Yes  X  No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes  X  No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? □ Yes  X  No

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

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Attach this form to your project in CBS. The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
Agency Priority: 73

Project Summary
The National Oceanic and Atmospheric Administration’s Estuarine Reserve Division administers a yearly competitive capital grant program for the nation’s federal Estuarine Reserves. Ecology’s Padilla Bay Estuarine Reserve is eligible to apply for 70 percent federal grant for facility construction, remodeling, and property acquisition for projects within the scope of the Reserve’s management plan and federal regulations. The 30 percent match required for the awards will be obtained from donations, in-kind contributions, other non-state sources. This funding was originally appropriated in the 2013-15 biennium. (General Fund Federal)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Location
City: Mount Vernon
County: Skagit
Legislative District: 040

Project Type
Program (Minor Works)

Growth Management impacts
None

New Facility: No

Funding

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Operating Impacts
No Operating Impact
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Protect & Restore Puget Sound

1. 30000542 Cleanup Toxics Sites Puget Sound ......................................................... 93
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

What is the proposed project?

As of July 2014, Ecology has identified about 240 contaminated sites awaiting cleanup, and roughly 600 sites in the process of being cleaned up near the Puget Sound basin and surrounding shoreline. These numbers change frequently as site information is updated with new contaminated sites being identified, sites moving through cleanup, and sites finally being cleaned up.

Work will be done through a combination of direct actions by the state, contributions from potentially liable parties, and interagency agreements with affected local governments, resource agencies, and tribes. Incentives will be used to speed cleanup and encourage cooperative cleanups. The funding will be applied to sites that are abandoned, have non-compliant owners, or where funds are needed to advance emergent cleanup needs. This includes sites adjacent to critical and sensitive habitats; upland sites contributing to ongoing aquatic contamination; and a limited number of sites throughout Western Washington, outside the Puget Sound basin, where an unanticipated cleanup investment or emergency response is needed.

These cleanups continue to advance work in seven priority bays that implement the objectives of the Puget Sound Action Agenda, an action plan established after the Legislature created the Puget Sound Partnership to reverse Puget Sound’s decline and restore it to health by 2020.

What opportunity or problem is driving this request?

The reason for the project:

Cleaning up and protecting Puget Sound is critical to the social and economic well-being of Washington’s citizens. Decades of industrial, municipal, and naturally occurring pollution have taken their toll on the condition and ecology of Puget Sound. Without intervention now, the condition of Puget Sound will most certainly continue to deteriorate. Although the state has made progress addressing the most highly contaminated areas of the Sound, other impacted areas are left unchecked. This request will help restore environmental and economic vitality to the state by focusing comprehensive cleanup on remaining contaminated sites impacting Puget Sound.

The effects of non-funding:

This request significantly contributes to cleanup progress in Washington, and there will be a direct, beneficial impact on human health and the environment by fully funding these cleanups. Without funding, these benefits would not be achieved. The economic, health, and environmental impacts would be largely felt in areas in or immediately adjacent to Puget Sound. Also, the cleanup progress in Washington and Puget Sound would not advance at the accelerated rate expected by the Governor and Legislature.

How does the project support the agency and statewide results?
This project supports two of Ecology’s strategic priorities, Prevent and Reduce Toxic Threats and Protect and Restore Puget Sound, and also supports the Governor’s Goal 3, Sustainable Energy and a Clean Environment by cleaning up and managing contaminated sites that pose threats to public health, the environment, groundwater, and fish and wildlife resources. Specifically:

Goal 3/Goal Topic/Sub-Topic: Sustainable Energy and a Clean Environment/Clean and Restored Environment Keep our land, water and air clean/Healthy Lands

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

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

This request supports Puget Sound Action Agenda implementation through strategy C9 "Address and clean up cumulative water pollution impacts in Puget Sound," substrategy C9.2 "Clean up contaminated sites within and near Puget Sound." This request relates to the Puget Sound Action Agenda strategy and substrategy by reducing and controlling the sources of pollution. Ecology's work to cleanup areas contaminated with hazardous substances returns a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem. Ecology's focused work in Puget Sound will be accomplished by making direct state investments, using contributions by potentially liable parties, and entering interagency agreements with affected local governments and resource agencies.

This request is essential to support the Governor’s Goal 2, Prosperous Economy by investing funds to protect public health and natural resources.

What are the specific benefits of this project?

This work will benefit Washingtonians by achieving the much sought after economic and social benefits of a clean, restored Puget Sound. Specifically, benefits of this request include:

– The contaminated sites listed in Attachment A will be cleaned up.
– The public and environment will have reduced exposure to hazardous substances as work progresses at these sites.
– Economic development will move forward at abandoned sites.
– Long overdue Puget Sound cleanup and restoration will continue.

Economic Impact: This project will also provide economic benefits to the state by creating up to 154 jobs during the next two years based on Office of Financial Management estimates.

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

This request continues ongoing efforts and will result in local cleanups and land redevelopment. Cleaning up contaminated property is usually integrated with economic development, habitat restoration, and public recreation projects. Most cleanup projects are the first phase of a larger community or economic redevelopment project where the cleanup site is the focal point of the project.

Are FTEs required to support this project?

No FTEs are needed to support this project.

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

These cleanup projects are part of the Puget Sound Initiative, which is a collaborative effort by local, tribal, state, and federal
The projects funded by this request may involve port districts and other local government agencies, whose cleanup projects are considered for eligibility under the Remedial Action Grant Program. Funding for that program is included in a related Capital Budget request from the Local Toxics Control Account (LTCA).

What is the impact on the state operating budget?

This will not impact the state operating budget.

Why is this the best option or alternative?

This is an ongoing project supported by and worked with stakeholders. Stakeholder support for this project is high and includes the Model Toxics Control Act (MTCA) stakeholders and the Puget Sound Partnership. The identified projects are fully ready to proceed and have dollars spent. Many of these projects are currently underway, and the funding requested will provide resources to continue this work. A capital appropriation is the best funding mechanism, given seasonal construction windows, contract requirements, and the need for extended financial obligations over multiple biennia.

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

The funding is specific for cleaning up contaminated sites that are upland, within one-half mile of Puget Sound, and at a limited number of sites throughout western Washington, outside the Puget Sound basin, where an unanticipated cleanup investment or emergency response is needed. Work will be done through a combination of direct actions by the state, contributions from potentially liable parties, and interagency agreements with affected local governments and resource agencies. Incentives will be used to speed clean up and encourage cooperative cleanups.

This request is consistent with the purposes of the Model Toxics Control Act (MTCA), chapter 70.105D RCW, which also allows for either the State Toxics Control Account (STCA) or the Environmental Legacy Stewardship Account (ELSA) to fund it. The main purpose of MTCA is to raise sufficient funds to clean up all hazardous waste sites and to prevent the creation of future hazards due to improper disposal of toxic wastes into the state’s lands and waters. To do this work, a tax is assessed on hazardous materials, including petroleum products, pesticides, and some chemicals. The tax is deposited in the STCA, Local Toxics Control Account (LTCA), and ELSA.

With the passage of Second Engrossed Second Substitute Senate Bill 5296 in the 2013 legislative session, Hazardous Substance Tax revenues will be deposited in the STCA and LTCA up to a limit of $280 million per biennium. Any revenues exceeding $280 million will be attributed to ELSA. MTCA allows state investments in cleanup to be funded from either STCA or ELSA. So this request could also be funded directly from ELSA or through an ELSA transfer to STCA.

The ten-year plan estimates reflect the funding for this project as outlined in the 2012 Model Toxics Control Accounts Ten-Year Financing Plan. The 2012 report included funding needs for a ten-year period starting in the 2013-15 biennium through the 2021-23 biennium. Data for the 2023-25 biennium and updates to the ten-year plan estimate will be available in the updated 2014 Model Toxics Control Accounts Ten-Year Financing Plan in September 2014. The 2023-25 biennium estimate repeats the 2021-23 estimate.

Location

City: Statewide  County: Statewide  Legislative District: 098

Project Type

Grants
461 - Department of Ecology  
Capital Project Request  
2015-17 Biennium  

Project Number: 30000542  
Project Title: Cleanup Toxics Sites – Puget Sound

Description

Grant Recipient Organization: N/A  
RCW that establishes grant: N/A  
Application process used: N/A

Growth Management impacts

None

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Operating Impacts

No Operating Impact

SubProjects

SubProject Number: 30000543  
SubProject Title: Wyckoff Treatment Plant

Starting Fiscal Year: 2016  
Project Class: Grant  
Agency Priority: 7

Project Summary

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

Legal requirement. Ecology is operating the groundwater extraction and treatment plant per an EPA superfund contract obligation. Costs include sales tax on labor and 10% match for prior EPA operations and management costs.
Clean Up Toxics Sites – Puget Sound

SubProjects

Location

SubProject Number: 30000543
SubProject Title: Wyckoff Treatment Plant

Location
City: Bainbridge Island
County: Kitsap
Legislative District: 023

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
None

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Operating Impacts

No Operating Impact

SubProject Number: 30000544
SubProject Title: Well 12A
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)
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Location
City: Bainbridge Island
County: Kitsap
Legislative District: 023

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
None

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SubProjects

SubProject Number: 30000545
SubProject Title: Wyckoff Soil and Groundwater

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Operating Impacts

No Operating Impact

SubProject Number: 30000546
SubProject Title: Wyckoff East Harbor

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

Project Summary

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

Legal requirement. 10 percent Superfund state match at EPA-lead Superfund sites for the state share of sediment/in-water remediation costs at the site.

Location

City: Bainbridge Island
County: Kitsap
Legislative District: 023

Project Type

Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts

None
Cleanup Toxics Sites – Puget Sound

SubProjects

SubProject Number: 30000546
SubProject Title: Wyckoff East Harbor

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Operating Impacts

No Operating Impact

SubProject Number: 30000547
SubProject Title: American Crossarm

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

Project Summary

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

EPA Superfund operations and maintenance.

Location

City: Chehalis  County: Lewis  Legislative District: 020

Project Type

Grants
461 - Department of Ecology  
Capital Project Request  
2015-17 Biennium

Project Number: 30000542  
Project Title: Cleanup Toxics Sites – Puget Sound

SubProjects

SubProject Number: 30000547  
SubProject Title: American Crossarm

Grant Recipient Organization: N/A  
RCW that establishes grant: N/A  
Application process used: N/A

Growth Management impacts: None

Funding

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Operating Impacts

No Operating Impact

SubProject Number: 30000548  
SubProject Title: Frontier Hardchrome

Starting Fiscal Year: 2016  
Project Class: Grant  
Agency Priority: 7

Project Summary

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

EPA Superfund operations and maintenance.
### SubProjects

**Location**

**SubProject Number:** 30000548  
**SubProject Title:** Frontier Hardchrome

**Location**  
*City:* Vancouver  
*County:* Clark  
*Legislative District:* 049

**Project Type**  
Grants

**Grant Recipient Organization:** N/A  
**RCW that establishes grant:** N/A  
**Application process used** N/A

**Growth Management impacts**  
None

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### Funding

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### Operating Impacts

**No Operating Impact**

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**SubProject Number:** 30000549  
**SubProject Title:** Lakewood Ponders

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A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
EPA Superfund operations and maintenance.

Location
City: Lakewood
County: Pierce
Legislative District: 029

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used
N/A

Growth Management impacts
None

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Operating Impacts
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
Continue cleanup activities at the Lilyblad Petroleum site in Tacoma. The project funding would support partial implementation of the cleanup action plan. Also, it would fund the dual phase extraction treatment on part of the Lilyblad site to control contaminated groundwater flow towards the Blair Waterway.

Location
City: Tacoma County: Pierce Legislative District: 027

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used
N/A

Growth Management impacts
None

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Project Title: Cleanup Toxics Sites – Puget Sound

SubProjects

SubProject Number: 30000550
SubProject Title: Lilyblad

Future Fiscal Periods

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Operating Impacts

No Operating Impact

SubProject Number: 30000551
SubProject Title: Custom Plywood Dioxin Removal Interim Action-Final Phase

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

Project Summary

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

Phase III. Precedent setting action for Ecology will fund the phase III interim action plan and construction -- thin layer capping of sediment.

Location

City: Anacortes
County: Skagit
Legislative District: 040

Project Type

Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts

None
SubProjects

SubProject Number: 30000551
SubProject Title: Custom Plywood Dioxin Removal Interim Action-Final Phase

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Operating Impacts

No Operating Impact

SubProject Number: 30000552
SubProject Title: Lower Duwamish Waterway Source Control and Cleanup

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

Project Summary

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

This project provides source control actions to locate and stop or reduce releases of pollution to waterway sediments and to keep sediments from becoming polluted again after being cleaned up.

Location

City: Seattle
County: King
Legislative District: 034

Project Type

Grants
SubProjects

SubProject Number: 30000552
SubProject Title: Lower Duwamish Waterway Source Control and Cleanup

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used N/A

Growth Management impacts
None

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Operating Impacts
No Operating Impact

SubProject Number: 30000553
SubProject Title: Port Angeles Harbor

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

Project Summary
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
This project will provide additional funding for source control work in Port Angeles Harbor.
Project Number: 30000542
Project Title: Cleanup Toxics Sites – Puget Sound

**SubProjects**

Location

SubProject Number: 3000053
SubProject Title: Port Angeles Harbor

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Project Type

Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts

None

**Funding**

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**Operating Impacts**

No Operating Impact

SubProject Number: 3000054
SubProject Title: Aladdin Plating
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
This project would implement the cleanup action plan and complete cleanup of the Aladdin Plating site.

Location
City: Tacoma
County: Pierce
Legislative District: 027

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
None

Funding

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Project Description
The project would provide additional funding to complete the removal of contaminated soils and enhance attenuation treatment of groundwater at the site including in-water sediment and upland park facility remediation.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used
N/A

Growth Management impacts
None

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Cleanup Toxics Sites – Puget Sound

Project Summary

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

The remaining remedial action work requires Ecology to monitor groundwater and the wetland restoration project.

Location

City: Oak Harbor
County: Island
Legislative District: 010

Project Type

Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts

None
SubProjects

SubProject Number: 30000556
SubProject Title: Cornet Bay

Funding

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Operating Impacts

No Operating Impact

SubProject Number: 30000557
SubProject Title: Reliable Steel

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

Project Summary

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

This project would complete an interim cleanup action to perform cleanup actions at two upland areas of the Reliable Steel site that are contributing to groundwater contamination.

Location

City: Olympia
County: Thurston
Legislative District: 022

Project Type

Grants
**SubProjects**

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**Growth Management Impacts**

None

**Funding**

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**Operating Impacts**

No Operating Impact

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**SubProject Number:** 30000558

**SubProject Title:** Lower Budd Inlet-Bay-wide

**Starting Fiscal Year:** 2016

**Project Class:** Grant

**Agency Priority:** 7

**Project Summary**

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

**Project Description**

This project involves a sampling study to develop regional background concentration for bioaccumulative contaminants. Regional background concentrations are used to guide sediment cleanup projects.
### SubProjects

**Location**

SubProject Number: 30000558  
SubProject Title: Lower Budd Inlet-Bay-wide

**Location**

City: Olympia  
County: Thurston  
Legislative District: 022

**Project Type**

Grants

**Grant Recipient Organization:** N/A  
**RCW that establishes grant:** N/A  
**Application process used:** N/A

**Growth Management impacts**

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**Funding**

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**Operating Impacts**

No Operating Impact

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SubProject Number: 30000559  
SubProject Title: Lower Duwamish Waterway Slivers
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
This project would fund the investigation and cleanup of Port sliver properties along the Lower Duwamish Waterway and other Port of Seattle Lower Duwamish Waterway source control projects/studies.
OFM

461 - Department of Ecology
Capital Project Request
2015-17 Biennium

Project Number: 30000542
Project Title: Cleanup Toxics Sites – Puget Sound

SubProjects

SubProject Number: 30000559
SubProject Title: Lower Duwamish Waterway Slivers
No Operating Impact

SubProject Number: 30000560
SubProject Title: Everett Lowland Areas and Upland Port of Everett Remediation
Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

Project Summary
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
The project would provide additional funding to complete the remedial investigation, feasibility study, draft a cleanup action plan, remove contaminated soils and enhance attenuation treatment of groundwater at the site.

Location
City: Everett
County: Snohomish
Legislative District: 038

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
None

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Project Title: Cleanup Toxics Sites – Puget Sound

**SubProjects**

SubProject Number: 30000560
SubProject Title: Everett Lowland Areas and Upland Port of Everett Remediation

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**Operating Impacts**

No Operating Impact

SubProject Number: 30000561
SubProject Title: Jacobsen Terminal Property

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

**Project Summary**

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

**Project Description**

The project would provide additional funding to complete the remedial cleanup process and removal of contaminated soils at the site.

**Location**

City: Seattle
County: King
Legislative District: 036

**Project Type**

Grants

**Grant Recipient Organization:** N/A
**RCW that establishes grant:** N/A
**Application process used**
N/A

**Growth Management impacts**

None
## SubProjects

### SubProject Number: 30000561
### SubProject Title: Jacobsen Terminal Property

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### Operating Impacts

No Operating Impact

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### SubProject Number: 30000562
### SubProject Title: Bellingham Bay Site - Habitat Restoration

**Starting Fiscal Year:** 2016  
**Project Class:** Grant  
**Agency Priority:** 7

### Project Summary

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay-wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

### Project Description

This project would provide additional funding for the implementation of restoration projects at Little Squalicum Estuary, Little Squalicum Beach and Whatcom Creek Estuary.

### Location

- **City:** Bellingham  
- **County:** Whatcom  
- **Legislative District:** 042

### Project Type

Grants
**Project Title:** Cleanup Toxics Sites – Puget Sound

**SubProjects**

**SubProject Number:** 30000562  
**SubProject Title:** Bellingham Bay Site - Habitat Restoration

**Grant Recipient Organization:** N/A  
**RCW that establishes grant:** N/A  
**Application process used**  
N/A

**Growth Management impacts**  
None

**Funding**

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**Operating Impacts**

No Operating Impact

**SubProject Number:** 30000563  
**SubProject Title:** American Memorial Park-Everett

**Starting Fiscal Year:** 2016  
**Project Class:** Grant  
**Agency Priority:** 7

**Project Summary**

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

**Project Description**

The project would provide additional funding to complete the remedial investigation, feasibility study, draft a cleanup action plan, remove contaminated soils and enhance attenuation treatment of groundwater at the site.
Project Number: 30000542
Project Title: Cleanup Toxics Sites – Puget Sound

**SubProjects**

**Location**

SubProject Number: 30000563
SubProject Title: American Memorial Park-Everett

Location
City: Everett
County: Snohomish
Legislative District: 038

**Project Type**
Grants

**Grant Recipient Organization:** N/A
**RCW that establishes grant:** N/A
**Application process used:** N/A

**Growth Management impacts**
None

**Funding**

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**Operating Impacts**

No Operating Impact

SubProject Number: 30000564
SubProject Title: Lower Duwamish Waterway Regional Background
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Funds the establishment of sediment regional background to support the cleanup and source control work in the Lower Duwamish Waterway. Includes the development of a sampling plan, field sampling and laboratory analysis and a data report.
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
Funds contract support for public involvement and stakeholder/tribal engagement for cleanup and restoration projects linked to the Puget Sound Initiative (cleanup by 2020).

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
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SubProjects

SubProject Number: 30000565
SubProject Title: Puget Sound Public Involvement/Engagement Assistance

Operating Impacts
No Operating Impact

SubProject Number: 30000566
SubProject Title: Port Gamble Construction Eng Support

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

Project Summary
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
Cleanup of Port Gamble Bay sediments begins. This will provide necessary Ecology engineering expertise for oversight during construction.

Location
City: Unincorporated
County: Kitsap
Legislative District: 023

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
None
**SubProjects**

**SubProject Number:** 30000566  
**SubProject Title:** Port Gamble Construction Eng Support

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**Operating Impacts**

**No Operating Impact**

**SubProject Number:** 30000567  
**SubProject Title:** Puget Sound and Western Washington Emergency Removals and Cleanup

**Starting Fiscal Year:** 2016  
**Project Class:** Grant  
**Agency Priority:** 7

**Project Summary**

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

**Project Description**

The project will fund emergency removals and clean up for orphaned or abandoned contaminated sites; emergency response to spills or incidents on the "second-day" or "third-day" after the spill has been contained and stabilized; cleanup related lab analysis, sampling, monitoring, etc.; and pay for short-term costs incurred to protect remedies over time (i.e., shoreline stabilization, preventing erosion, removing sources of recontamination, etc.). The majority of emergency response is expected in the Puget Sound basin, but investments may be necessary throughout western Washington.

**Location**

**City:** Statewide  
**County:** Statewide  
**Legislative District:** 098

**Project Type**
## SubProjects

### Project Type

**SubProject Number:** 30000567  
**SubProject Title:** Puget Sound and Western Washington Emergency Removals and Cleanup Grants

**Grant Recipient Organization:** N/A  
**RCW that establishes grant:** N/A  
**Application process used:** N/A

**Growth Management impacts**  
None

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### Operating Impacts

**No Operating Impact**

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**SubProject Number:** 30000568  
**SubProject Title:** Bremerton Naval Complex NRDA
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
Funds natural resource damage studies identified in data gaps analysis.

Location
City: Bremerton
County: Kitsap
Legislative District: 023

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
None

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Operating Impacts
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A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Tribal Liaison support for Puget Sound Initiative (cleanup by 2020). Facilitates early and effective engagement with tribes for better cleanup and restoration actions for Puget Sound Initiative sites and priority bays.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used
N/A

Growth Management impacts
None
Contingency funds for Ecology to develop the cleanup action plan for this Puget Sound Initiative priority bay project. This is a critical site in the bay.

Location
City: Everett County: Snohomish Legislative District: 038

Project Type
Grants
**SubProjects**

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Growth Management impacts

None

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### Operating Impacts

No Operating Impact

### SubProject Number: 30000572

| SubProject Title                  | Willapa Bay Statistical Support |

**Starting Fiscal Year:** 2016

**Project Class:** Grant

**Agency Priority:** 7

**Project Summary**

A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

**Project Description**

Support for NPDES permitting for the imidacloprid pesticide application pilot project.
**SubProjects**

**Project Number:** 30000542  
**Project Title:** Cleanup Toxics Sites – Puget Sound

### Location

**SubProject Number:** 30000572  
**SubProject Title:** Willapa Bay Statistical Support

- **City:** South Bend  
- **County:** Pacific  
- **Legislative District:** 019

### Project Type

- **Grants**

### Grant Recipient Organization

- **RCW that establishes grant:** N/A  
- **Application process used:** N/A

### Growth Management impacts

- **None**

### Funding

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### Operating Impacts

**No Operating Impact**

SubProject Number: 30000573  
SubProject Title: USFWS PSI Assistance
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

**Project Description**
Funds expedited review of Endangered Species Act review for essential cleanup and restoration projects.

**Location**
- **City:** Statewide
- **County:** Statewide
- **Legislative District:** 098

**Project Type**
Grants

**Grant Recipient Organization:** N/A

**RCW that establishes grant:** N/A

**Application process used**
N/A

**Growth Management impacts**
None

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Funds the redevelopment of Cleanup Levels and Risk Calculations (CLARC) web-based application to upgrade legacy technology and add new features based on changing business requirements (CLARC was originally released in Spring 2005).

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
None

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SubProjects

SubProject Number: 30000542
SubProject Title: Cleanup Toxics Sites – Puget Sound

Project Summary
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
Funds modifications to MyEIM analytical tools to support implementation of marine and freshwater biological criteria provisions. Tasks include modifications to biomass endpoint calculation algorithms, beta testing of analytical tools and verification of logic, data quality review, and finalization of MyEIM modifications and updates.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used
N/A

Growth Management impacts
None
OFM

461 - Department of Ecology
Capital Project Request
2015-17 Biennium

Project Number: 30000542
Project Title: Cleanup Toxics Sites – Puget Sound

SubProjects

SubProject Number: 30000575
SubProject Title: SMS Rule Support (EIM)

Funding

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Operating Impacts

No Operating Impact

SubProject Number: 30000576
SubProject Title: Freshwater Natural Background Study

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

Project Summary
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
Funds the establishment of sediment natural background for freshwater systems. Tasks include development of a sampling and analysis plan and stakeholder outreach.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants
**Project Number:** 30000542  
**Project Title:** Cleanup Toxics Sites – Puget Sound

### SubProjects

#### SubProject Number: 30000576
SubProject Title: Freshwater Natural Background Study

- **Grant Recipient Organization:** N/A
- **RCW that establishes grant:** N/A
- **Application process used:** N/A

**Growth Management impacts**
None

#### Funding

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**Operating Impacts**

No Operating Impact

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#### SubProject Number: 30000577
SubProject Title: Port Angeles Municipal Landfill
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
The Port Angeles Landfill was the principal waste disposal facility serving residential and industrial customers in the City of Port Angeles and surrounding areas of Clallam County for almost sixty years, starting about 1947. The East 304 Cell area is located adjacent to the Strait of Juan de Fuca at the top of an eroding feeder bluff. The face of the bluff has receded to within about 10 horizontal feet of the waste body in the East 304 Cell. The city operated a modern disposal cell, located several hundred yards landward of the East 304 Cell, from the early 1990s until 2006. The city's overall project was started in 2014, and is planned to relocate about 310,000 cubic yards of waste from the East 304 Cell area to the more modern 351 Cell, thereby providing about twenty-five years of additional protection from the shoreline's natural movement inland. This request will fund removal of the final volume of the waste from the East 304 Cell area, and the reclosure of the 351 Cell.

Location
City: Port Angeles
County: Clallam
Legislative District: 024

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
None

Funding
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SubProjects

SubProject Number: 30000577
SubProject Title: Port Angeles Municipal Landfill

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Operating Impacts

No Operating Impact

SubProject Number: 30000646
SubProject Title: Cleanup Toxics Sites – Puget Sound Ten-Year Financing Plan

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 7

Project Summary
A leading source of pollution to the Puget Sound is contaminated sites around the basin and its shorelines. For more than ten years, Ecology has been identifying and cleaning up contaminated sites in the Puget Sound basin. This emphasis on Puget Sound bay wide cleanup and surrounding areas has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done more economically, better, and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. This request will fund toxic site cleanup projects that integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description
The ten-year plan estimates reflect the funding for this project as outlined in the 2012 Model Toxics Control Accounts Ten-Year Financing Plan. The 2012 report included funding needs for a ten-year period starting in the 2013-15 biennium through the 2021-23 biennium. Data for the 2023-25 biennium and updates to the ten-year plan estimate will be available in the updated 2014 Model Toxics Control Accounts Ten-Year Financing Plan in September 2014. The 2023-25 biennium estimate repeats the 2021-23 estimate.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants
SubProjects

SubProject Number: 30000646
SubProject Title: Cleanup Toxics Sites – Puget Sound Ten-Year Financing Plan
Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
None

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Operating Impacts
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<td>31</td>
<td>N/A</td>
<td>USFWS PSI Assistance</td>
<td>$100,000</td>
<td>Funds expedited review of Endangered Species Act review for essential cleanup and restoration projects.</td>
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<td>32</td>
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<td>CLARC Redevelopment</td>
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<td>Funds the redevelopment of Cleanup Levels and Risk Calculations (CLARC) web-based application to upgrade legacy technology and add new features based on changing business requirements (CLARC was originally released in Spring 2005).</td>
<td>Wood Treatment</td>
<td>7/1/2015</td>
<td>Information &amp; Policy</td>
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<td>MR &amp; Rule Support (EIM)</td>
<td>$90,000</td>
<td>Funds modifications to MyEIM analytical tools to support implementation of marine and freshwater biological criteria provisions. Tasks include modifications to marine endpoint calculation algorithms, beta testing of new tools and verification of logic, data quality review, and finalization of MyEIM modifications and updates.</td>
<td>Other</td>
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<td>Information &amp; Policy</td>
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<td>Freshwater Natural Background Study</td>
<td>$100,000</td>
<td>Funds the establishment of sediment natural background for freshwater systems. Tasks include development of a sampling and analysis plan and stakeholder outreach.</td>
<td>Other</td>
<td>7/1/2015</td>
<td>Information &amp; Policy</td>
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<td>35</td>
<td>6433269</td>
<td>Port Angeles Municipal Landfill</td>
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<td>The Port Angeles Landfill was the principal waste disposal facility serving residential and industrial customers in the City of Port Angeles and surrounding areas of Clallam County for almost sixty years, starting about 1947. The East 304 Cell area is located adjacent to the Strait of Juan de Fuca at the top of an eroding beach bluff. The face of the bluff has receded to within about 10 horizontal feet of the waste body in the East 304 Cell. The city operated a more modern disposal cell, located several hundred yards landward of the East 304 Cell, from the early 1990s until 2006. The city's overall project was started in 2014, and is planned to relocate about 310,000 cubic yards of waste from the East 304 Cell area to the more modern 351 Cell, thereby providing about twenty-five years of additional protection from the shoreline's natural movement inland. This request will fund removal of the final volume of the waste from the East 304 Cell area, and the reclosure of the 351 Cell.</td>
<td>Other</td>
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Total 2015-17 Budget Request: $3,200,000
### Deliver Integrated Water Solutions

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<td>Stormwater Financial Assistance Program</td>
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<td>Yakima River Basin Water Supply</td>
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<td>Columbia River Water Supply Development Program</td>
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<td>30000589</td>
<td>Sunnyside Valley Irrigation District Water Conservation</td>
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<td>Watershed Plan Implementation and Flow Achievement</td>
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<td>Water Irrigation Efficiencies Program</td>
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*** This page intentionally blank. ***
Congress established the Clean Water State Revolving Fund (CWSRF) under Title VI of the Federal Clean Water Act to capitalize state–run, low interest loan programs to finance water quality facilities and activities. The Washington State Water Pollution Control Revolving Account or State Revolving Fund (SRF), established under chapter 90.50A RCW, implemented the loan program to provide low interest loans to local governments, special purpose districts, and recognized tribes for high priority water quality projects statewide. Ecology uses these funds to finance planning, designing, acquiring, constructing, and improving water pollution control facilities and for related nonpoint source activities that help meet state and federal water pollution control requirements. Ecology is requesting $191 million in appropriation to continue essential work through this loan program. Related to Puget Sound Action Agenda implementation. (Water Pollution Control Revolving Account)

**Project Summary**

Congress established the Clean Water State Revolving Fund (CWSRF) under Title VI of the Federal Clean Water Act to capitalize state–run, low interest loan programs to finance water quality facilities and activities. The Washington State Water Pollution Control Revolving Account or State Revolving Fund (SRF), established under chapter 90.50A RCW, implemented the loan program to provide low interest loans to local governments, special purpose districts, and recognized tribes for high priority water quality projects statewide. Ecology uses these funds to finance planning, designing, acquiring, constructing, and improving water pollution control facilities and for related nonpoint source activities that help meet state and federal water pollution control requirements. Ecology is requesting $191 million in appropriation to continue essential work through this loan program. Related to Puget Sound Action Agenda implementation. (Water Pollution Control Revolving Account)

**Project Description**

**What is the proposed project?**

Ecology administers the SRF loan program to help local governments, special purpose districts, and recognized tribes improve and protect water quality. Each year, Ecology accepts loan applications from cities, counties, special purpose districts (e.g. sewer districts), tribes, and conservation districts seeking financial help to improve or protect water quality in their communities. Ecology makes loans available through a statewide, competitive rating and ranking process. Since its creation in 1989, the SRF program has loaned more than $1.4 billion to public entities. The SRF is by far the largest source of low interest loan funds Washington State government has dedicated to environmental protection. The work accomplished through SRF loans to local governments, special purpose districts, and recognized tribes is an integral and essential part of the state's strategy to reduce pollution of our marine waters, estuaries, lakes, rivers, and groundwater.

This request includes appropriation for:

– $50 million from the Water Pollution Control Revolving Account – Federal (Fund 727–2) for new federal capitalization grants.
– $141 million from the Water Pollution Control Revolving Account – State (Fund 727–1) from loan and interest repayments and a state match. The annual federal capitalization grant must be matched with 20 percent state funds. Ecology will request state match through a Treasurer’s Transfer from the State Taxable Building Construction Account.

**What opportunity or problem is driving this request?**

**The reason for the project:**

A number of ongoing and emerging issues drive Washington State water quality funding needs. Ecology works with its clients and stakeholders to help ensure financial assistance programs meet water quality needs by providing loans that address:

– Aging wastewater infrastructure.
– Advanced wastewater treatment needed to meet designated uses of the receiving water.
– Reclamation/reuse of wastewater.
– Nonpoint pollution from agricultural, forested, and urban areas.
– Failing on–site sewage systems.
– Needs of financially distressed communities.

Ecology awards SRF loans to local governments, special purpose districts, and recognized tribes. The following funding split established by chapter 173–98 WAC (Uses and Limitations of the Water Pollution Control Revolving Fund) creates two broad categories for SRF projects:
Water Pollution Control Revolving Program

Description

- 80 percent of the money is for planning, design, or construction of water pollution control facilities. These facilities can include wastewater treatment plants; facilities to reduce combined sewer overflows; sewer mains; stormwater control projects; and other water pollution control facilities.
- 20 percent of the funding is for nonpoint source pollution projects statewide, including conservation and nonpoint pollution management projects in federally designated estuaries of the Puget Sound and the lower Columbia River. Nonpoint pollution sources enter the state's waters from dispersed, rather than point, sources. For example, surface water run-off from agricultural lands, urban areas, or forest lands are nonpoint sources.

The SRF program is the nation's largest funding source for water quality improvement and protection projects. The successful partnership between the Environmental Protection Agency (EPA) and the states allows federal and state agencies to stretch the limited dollars available for water quality infrastructure. The 2008 EPA Clean Watersheds Needs Survey estimates the needs for funding water quality infrastructure projects over a 20 year period at nearly $5.3 billion for Washington State (http://water.epa.gov/scitech/datait/databases/cwns/upload/cwns2008rtc.pdf). This estimate includes only well documented facility construction focused needs and does not include the costs associated with addressing nonpoint pollution.

Continued funding and support for the SRF program is critical for helping Washington State's local governments, special purpose districts, and recognized tribes update and improve water quality infrastructure and implement associated water quality projects focused on protecting and improving water quality and public health.

The effects of non-funding:

Local governments, special purpose districts, and recognized tribes throughout the state would not receive low-interest loans to finance local or regional water quality infrastructure projects in their communities. These types of financing may be the only affordable funding option available to small communities to address failing water quality infrastructure. The jobs and water quality and public health improvements associated with $191 million in new infrastructure and nonpoint source funding would not materialize.

How does the project support the agency and statewide results?

This project is essential to implementing strategic priorities in Ecology's strategic plan because SRF projects:

*Protect and Restore Puget Sound* by preventing untreated wastewater and stormwater from being discharged into the Puget Sound. The Fiscal Year 2015 Intended Use Plan (IUP) includes 19 projects totaling $106 million in assistance to projects in Puget Sound Water Resource Inventory Areas 1-19.

*Reduce Toxic Threats and Deliver Integrated Water Solutions* by:

- Decreasing fecal coliform bacteria and toxics such as polychlorinated biphenyls (PCBs) and pharmaceuticals from being discharged into Washington waters through proper treatment of wastewater and stormwater.
- Reducing nonpoint pollution and nutrient discharges.

This request provides essential support to the Governor's Results Washington Goal 3, Sustainable Energy and a Clean Environment, by providing loans for high priority water quality projects statewide. SRF loan funded projects help local entities reduce the pollution of our lakes, rivers, marine waters, and estuaries, and help protect groundwater and streams. It also supports Goal 2, Prosperous Economy by providing opportunities for quality jobs when a new onsite sewer system is constructed or an existing system is repaired or replaced. State financial managers calculate that approximately 11 jobs in Washington are created for every $1 million spent for construction and design funding.

This request also supports *Reduce and Prepare for Climate Impacts* and the Governor's priority to increase *Energy Efficiency-Cost Effective Strategies* by encouraging and funding energy efficiencies and sustainable practices. SRF provides incentives in the form of forgivable principal loans (loans that don't have to be paid back) for projects that include Green Project Reserve elements. The Fiscal Year 2015 Intended Use Plan includes $4.4 million to fund Green Infrastructure technologies and
Description

Energy Efficiency. All SRF facility design or construction projects are required to conduct an investment grant efficiency audit to identify energy efficiency and conservation measures.

This request is essential to support the Governor’s priority Empower state employees to find efficiencies through great use of Lean Management. Ecology’s SRF program was part of an Ecology-wide Lean effort in 2012 to streamline grant and loan processes. The Lean effort supported a major information technology project to develop an online grant and loan management system called EAGL, Ecology Administration of Grants and Loans. EAGL implements consistent, streamlined processes and workflows that were identified though the Lean effort.

This request makes a key contribution to statewide results and the Priorities of Government by providing loans for high priority water quality projects statewide. Projects funded by SRF loans help local governments, special purpose districts and tribes reduce the pollution of our lakes, rivers, marine waters, and estuaries, and help protect groundwater and streams.

This request supports Puget Sound Action Agenda implementation through sub-strategy C6.3, “Implementing priority upgrades of municipal and industrial wastewater facilities” by providing funding to implement advanced treatment of wastewater treatment plants and reclaimed water infrastructure, sub-strategy C5.3, “Improving and expanding funding for onsite sewage systems and local large onsite sewage system programs,” and sub-strategy C3.1, “Targeting voluntary and incentive-based programs that help working farms contribute to Puget Sound recovery.”

What are the specific benefits of this project?

The SRF loan program provides low-interest loans to local governments, special purpose districts, and recognized tribes for wastewater treatment, nonpoint source pollution control, and watershed and estuary management projects that achieve specific environmental and public health benefits, including:

– Eliminating severe public health hazards and environmental degradation.
– Achieving regulatory compliance with a consent decree, compliance order, Total Maximum Daily Load (TMDL), or waste load allocation.
– Restoring and protecting designated uses of Washington’s waters, such as drinking water, aquatic habitat, and shellfish harvesting.

The economic value water quality infrastructure projects provide to the community and economy includes short term benefits by supporting construction jobs and long term benefits by funding sustainable infrastructure that supports growth and economic development.

Economic Impact: This project will also provide economic benefits to the state by creating up to 342 jobs during the next two years based on estimates from the Office of Financial Management.

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

This appropriation will allow public entities to proceed with planning, designing, acquiring, constructing, and improving water pollution control facilities and related nonpoint activities that help achieve state and federal water pollution control requirements. These improvements contribute significantly to protection and restoration of water quality statewide and in Puget Sound, as well as allow for economic growth and development.

Are FTEs required to support this project?

No capital FTEs needed.

How will the other state programs or units of government be affected if this project is funded?
Many local governments, special purpose districts, and recognized tribes propose important water quality projects that cannot be fully funded with one funding source. This is especially true for small, financially-distressed communities. Ecology works with recipients and other state and federal agencies to coordinate funding and technical assistance for wastewater treatment facility projects. These agencies leverage their funds to meet the financial situation of the community. Many small communities with large-scale projects use multiple funding sources, including the SRF, Centennial Clean Water Program, Public Works Trust Fund, Department of Commerce, USDA Rural Development, and the State Tribal Assistance Grant Program.

What is the impact on the state operating budget?

This request has a related Treasurer’s Transfer for the state match, which has traditionally been made in the back of the operating budget. The transfer could also be made in the back of the capital budget.

The Treasurer’s Transfer will move the required state match from the State Taxable Building Construction Account to the Water Pollution Control Revolving Account. This transfer, totaling $12 million, will provide matching funds for the federal grant from EPA for the appropriations in this request and for the 2015-17 Water Pollution Control Revolving Account reappropriations.

Why is this the best option or alternative?

This request is for loan funds to help local governments with high priority water quality projects throughout Washington. Ecology’s well established, accountable, and transparent competitive water quality funding program is the best and most effective option available to distribute money for priority water pollution control projects on a statewide, competitive basis. This takes into consideration legal mandates, local efforts, rate payer impacts, and water quality priorities.

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

The Water Pollution Control Revolving Fund and its dedicated revenue sources support the SRF loan program. Dedicated revenue sources include:

- Yearly capitalization grants from EPA, authorized by Congress in the federal budget process.
- Principal and interest repayments by loan recipients.
- Interest earned on the fund balance by investments from the State Treasurer.

The SRF loan program provides low-interest loans for high priority water quality projects. To continue funding future projects, Ecology ensures long term health of the fund by managing the fund in perpetuity. Ecology bases interest rates on a percentage of the bond buyers' index, allowing sufficient capital to loan out for future water quality projects.

Ecology typically awards half of the funds available for the biennium at the beginning of each fiscal year.

Project Type

Grants
Description

Grant Recipient Organization: Public entities (SRF), local gov'ts, special purpose distr., quasi municipalities, fed. recognized tribes.

RCW that establishes grant: chapter 90.50A, 173.98 WAC

Application process used
Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the SRF, Centennial Clean Water Program, and the Clean Water Act Section 319 federal grant program. The application period begins on September 1 and continues through to the first Friday in November. Ecology staff screen, review, and rate and rank the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. Ecology develops a draft list for all three programs. The list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2015 Final Offer and Applicant List is available on the Water Quality website: https://fortress.wa.gov/ecy/publications/SummaryPages/1410033.html

Growth Management impacts
None

Funding

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Operating Impacts

No Operating Impact

Narrative
This will require a Treasurer’s Transfer of $12 million from the State Taxable Building Construction Account to the Water Pollution Control Revolving Account in the back of either the operating or capital budget. Traditionally, Treasurer’s Transfers have been made in the operating budget.
Project Summary

The Legislature provided Ecology with $100 million in the 2013-15 Capital Budget and directed Ecology to establish an ongoing, comprehensive statewide stormwater financial assistance program. This request is for $100 million for the 2015-17 biennium for the Stormwater Financial Assistance Program (SFAP) to assist local governments implement stormwater retrofit projects that treat polluted stormwater in priority areas throughout the state. The SFAP will distribute funds through a competitive rating and ranking process to ensure projects provide good water quality value and address problems from existing urban development. The work accomplished by local governments will help reduce toxics and other pollution from entering our waterways and protect our marine waters, estuaries, lakes, rivers, and groundwater resources related to Puget Sound Action Agenda implementation. (State Building Construction Account, Local Toxics Control Account, and Environmental Legacy Stewardship Account)

Project Description

What is the proposed project?

In 2013, the Legislature directed Ecology through a provision in the 2013-15 Capital Budget (Section 3081) to develop and implement an ongoing comprehensive statewide stormwater financial assistance program. Ecology began working with stakeholders to develop a stormwater funding program that is incorporated into Ecology’s Water Quality Combined Financial Assistance Program. Funding for this program in the 2015-17 biennium will continue to support constructing stormwater retrofit projects and implementing associated activities with high water quality and ecologic benefit.

The SFAP will provide grant funding for stormwater projects through a competitive funding process. These high priority stormwater improvement projects will support state water quality goals by preventing pollution generated by existing municipal storm sewer system infrastructure from reaching surface waters. Ecology will administer the program through the Water Quality Combined Financial Assistance Program. This program provides a streamlined grant and loan application process for local governments seeking state funding for water quality improvement projects.

Projects and activities that may be eligible for funding include the planning and installation of capital projects. Example of projects may include, but is not limited to the following:

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

Projects constructed through this program will meet design standards outlined in Ecology’s Eastern and Western Washington Stormwater Management Manuals.

Ecology requests $100 million for stormwater project implementation grants in the 2015-17 biennium. Ecology will integrate the SFAP into its nationally recognized annual combined funding program to distribute stormwater funds through a statewide competitive rating and ranking process. The final, ranked list will be available in early February 2015 and will provide information on high-priority statewide stormwater improvement projects.

What opportunity or problem is driving this request?
Stormwater Financial Assistance Program

The reason for the project:

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

This funding request establishes an ongoing financial assistance program to address one of the most significant water pollution problems in Washington State. The SFAP will maintain the momentum of work accomplished through previous, one-time funding provisions from the past three biennia. Estimates of the need for stormwater retrofit and associated projects to address the stormwater pollution problem in Washington State are in the billions of dollars range. The SFAP, integrated with the existing water quality financial assistance program, will provide an ongoing source of funds that will incentivize implementing stormwater projects for local governments and establish Washington as a leader in actively protecting its waters from the impacts of stormwater runoff.

The effects of non-funding:

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

How does the project support the agency and statewide results?

Funding this project is essential to implementing Ecology’s strategic plan. Constructing stormwater retrofit projects addresses three Ecology priorities: 1) Prevent and Reduce Toxic Threats, 2) Protect and Restore Puget Sound, and 3) Deliver Integrated Water Solutions.

The SFAP will fund stormwater retrofit projects as part of Ecology’s suite of financial assistance for reducing point and nonpoint sources of water pollution. Providing financial assistance to fund stormwater capital improvement projects will reduce toxic threats from contaminated stormwater runoff from impervious surfaces and keep these pollutants from entering Washington waters, which helps protect and restore Puget Sound. This request delivers integrated water solutions by funding stormwater retrofit projects that integrate a watershed approach to stormwater management and abatement of polluted stormwater runoff.

This request is essential to support the Governor’s priority to promote policies and opportunities to grow jobs and prepare Washington for a vibrant, thriving economy. Providing funding to assist local governments in constructing projects to protect water quality will create jobs throughout the state during the planning and construction of the projects and will help to protect natural resource industries such as salmon fisheries and shellfish beds over the long term. This project also supports the clean energy economy through encouraging and finding energy efficiencies and sustainable practices in stormwater and green infrastructure construction.

This request provides essential support to the Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment. This program supports the goal of clean, cool water and permit the state to achieve the leading indicator 3.2a to increase the number of projects that provide stormwater treatment or infiltration.

This request supports Puget Sound Action Agenda implementation through sub-strategy C2.3, “Fix problems caused by existing
development" by providing funding to cities and counties to retrofit existing development through the Stormwater Financial Assistance Program competitive grant program.

What are the specific benefits of this project?

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

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

Economic Impact: This project will also provide economic benefits to local governments and the state by creating up to 82 jobs during the next two years based on Office of Financial Management estimates.

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

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

Are FTEs required to support this project?

This project requires a total of 8.91 FTEs, including 7.25 FTEs to manage the project, 0.50 FTEs for agencywide capital budget coordination and cash management, and 1.16 FTEs for Agency Administrative Overhead. Ecology will provide technical, budget and financial management support to the Stormwater Financial Assistance Program. This level of support is consistent with past stormwater grant projects.

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

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

What is the impact on the state operating budget?

None.

Why is this the best option or alternative?

To ensure the highest-value and highest priority stormwater projects receive funding, Ecology has solicited input through the Stormwater Funding Program Stakeholder work group. This group is made up of representatives from local governments; the Puget Sound Partnership; the Washington Associations of Cities, Counties, and Ports; and the Washington Environmental Council. They have met monthly since the fall of 2013 to evaluate options and alternatives to addressing statewide stormwater issues and provide Ecology with input and feedback on developing a long-term stormwater funding program.
Based on the recommendations of this group, Ecology is preparing to launch a stormwater-specific funding program in 2014 (from 2013-15 capital budget funds) that is integrated within the well-established and successful Water Quality Combined Financial Assistance Program and annual funding cycle process. The outcomes of the 2014 integrated funding cycle will help inform and adapt future funding to meet ongoing and evolving stormwater needs.

This request will provide the resources needed to establish an ongoing, long-term, statewide Stormwater Financial Assistance Program that works hand-in-hand with the existing program and fills the gap in grant funding needed for promoting stormwater projects.

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

Ecology proposes to use a combination of State Building Construction Account funds and Model Toxics Control Account (MTCA) funds as the funding sources. This work does not have its own dedicated funding source.

**Funding**

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### Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461 Agency Name Department of Ecology
Contact Name: Kimberly Wagar
Phone: 360-407-6614 Fax: 360-407-6426
Fund(s) Number: 057 Fund Name: State Building Construction Account
Project Number: 30000535 Project Title: Stormwater Financial Assistance

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☑ Yes ☐ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☑ Yes ☐ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☑ Yes ☐ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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

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

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

461 - Department of Ecology
Capital Project Request
2015-17 Biennium

Version: BI Biennial 15-17 Initial
Report Number: CBS002
Date Run: 9/8/2014 3:41PM

Project Number: 30000427
Project Title: Centennial Clean Water Program

Description

Starting Fiscal Year: 2016
Project Class: Grant - Pass Through
Agency Priority: 3

Project Summary
This request for $60 million for Ecology's Centennial Clean Water Program (CCWP) will provide grants to public entities to finance planning, implementing, designing, acquiring, and constructing water pollution control facilities and nonpoint pollution control activities. Ecology distributes the funds through a statewide competitive rating and ranking process. Grant recipients are local governments that use the funds to address high priority statewide water quality needs. The work done by local governments using these funds is an integral and essential part of the state's strategy to reduce pollution and protect our marine waters, estuaries, lakes, rivers, and groundwater resources. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

What is the proposed project?
Ecology administers the Centennial Clean Water Program (CCWP), providing grants to finance planning, implementing, designing, acquiring, and constructing water pollution control facilities and nonpoint activities. Examples of projects funded by the CCWP include:

- Constructing wastewater treatment facilities in financially challenged communities as required by water quality permits and enforcement orders to meet state and federal water quality standards.
- Programs for eliminating failing onsite sewage systems that cause public health hazards and water quality problems.
- Projects that reduce pollution from urban and rural stormwater runoff.
- Implementing agricultural best management practices to meet water quality standards.
- Watershed planning and implementation projects to improve and protect marine waters, estuaries, rivers, lakes, and wetlands.
- Public involvement and education as a component of implementation projects.
- Protecting groundwater and critical groundwater recharge areas.

For the 2015–17 biennium, Ecology is requesting $60 million in appropriation for statewide water quality implementation grants.

What opportunity or problem is driving this request?

The reason for the project:
A number of ongoing and emerging issues drive Washington State water quality funding needs. Ecology works with local governments, tribal clients, and stakeholders to ensure financial assistance programs are meeting water quality needs by providing grants that address:

- Aging and new wastewater treatment infrastructure.
- Water quality cleanup plans required under the federal Clean Water Act.
- Advanced wastewater treatment needed to meet designated uses of the receiving water.
- Wastewater reclamation and reuse.
- Stormwater planning.
- Nonpoint pollution from agricultural, forested, and urban areas.
- Failing onsite sewage systems.
- Needs of financially distressed communities.

Ecology awards grant funds only for wastewater treatment facilities projects where a community can demonstrate that funding its project through public sewer rates will cause a severe financial hardship to the residents of the community. Ecology will offer
grant funds up to a maximum of $5 million, based on a percentage of the total eligible project costs, to a local government that can demonstrate the project will cause a financial burden to the existing residential ratepayers. Ecology directs all other grant funds to high priority water quality projects that address nonpoint pollution in which there is no dedicated rate base to pay for the project. This is mandated by rule (chapter 173–95A WAC, Uses and Limitations of Centennial Clean Water Funds).

The effects of non-funding:

Water quality and public health statewide would be impacted if these grant dollars are not available to address water quality facilities and activities projects. Small, financially distressed communities throughout the state would not receive CCWP grant funds to help them with constructing water pollution control facilities that protect water quality and public health. Grant funds help keep the costs of these projects affordable to ratepayers in financially distressed communities. Without continued investment, watershed and water quality protection and improvement would be at risk, and past investments in water quality and improvements achieved would slowly lead back to impairments. CCWP funds are used to provide a required 40 percent match to the annual Clean Water Act Section 319 federal grant program. Nonpoint source projects funded through the CCWP are used as the match. On average, $7.4 million in federal funds would be in jeopardy without the CCWP state match. Job creation (infrastructure construction jobs) and economic development (infrastructure capacity for growth) opportunities associated with these projects would not be realized.

How does the project support the agency and statewide results?

This request is essential to implementing Ecology’s strategic priority to Deliver Integrated Water Solutions and Protect and Restore Puget Sound by continuing to fund projects for water pollution control infrastructure and projects that reduce nonpoint pollution and nutrient discharges.

This request is essential to supporting two of the Governor's Results Washington Goals.

Goal 2, Prosperous Economy by providing opportunities for quality jobs when a new onsite sewer system is constructed or an existing system is repaired or replaced.

Goal 3, Sustainable Energy and a Clean Environment by:

– Improving energy and water efficiencies for wastewater and stormwater infrastructure.
– Repairing and replacing failing onsite sewage systems.
– Implementing riparian restoration and protection programs.
– Reducing nonpoint pollution through source control.
– Implementing water quality best management practices.

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

This request supports Ecology's integrated water quality financial assistance program by leveraging and augmenting loan funds through the Water Pollution Control Revolving Fund (SRF) loan program and the Clean Water Act Section 319 federal grant program. These projects help local entities reduce pollution of our lakes, rivers, marine waters, and estuaries, and help protect groundwater and streams using CCWP grant funds.

This request also supports Puget Sound Action Agenda implementation through sub-strategy C6.3, Implementing Priority Upgrades of Municipal and Industrial Wastewater Facilities in Urban and Urbanizing Areas by providing funding to implement advanced treatment of wastewater treatment plants and reclaimed water infrastructure. It also supports sub-strategy C5.3, Improving and Expanding Funding for Small Onsite Sewage Systems (OSS) and Local OSS Programs; and sub-strategy C3.1, Targeting Voluntary and Incentive-base Programs that Help Working Farms Contribute to Puget Sound Recovery.

What are the specific benefits of this project?
The CCWP provides funding to local governments and tribes for wastewater treatment, nonpoint source pollution control, and watershed and estuary management projects that achieve specific environmental and public health benefits, including:

- Eliminating severe public health hazards and environmental degradation.
- Achieving regulatory compliance with a consent decree, compliance order, Total Maximum Daily Loads (TMDLs), or waste load allocation.
- Restoring and protecting designated uses of Washington's waters, such as drinking water, aquatic habitat, and shellfish harvesting.

Economic Impact: This project will also provide economic benefits to the state by creating up to 147 jobs during the next two years based on estimates from the Office of Financial Management.

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

Funding for this request is critical, because the demand on all funding sources for financial assistance and the cost of water quality infrastructure projects continue to increase. This appropriation will allow local governments to proceed with planning, designing, acquiring, constructing, and improving water pollution control facilities and related nonpoint activities that contribute to meeting state and federal water pollution control requirements. These improvements contribute significantly to protect and restore water quality in the Puget Sound and statewide, and improve economic growth and development.

Are FTEs required to support this project?

No.

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

Many local governments and tribes propose important water quality projects that cannot be fully funded with one funding source. This is especially true for small, financially distressed communities. Ecology works with local governments and other state and federal agencies to coordinate the funding and technical assistance for wastewater treatment facility projects. Together these agencies leverage funds to meet the financial situation of the community. Many small communities with large-scale projects use multiple funding sources, including the CCWP, the SRF, Public Works Trust Fund, Community Development Block Grants, the State Tribal Assistance Grant Program, and U.S. Department of Agriculture Rural Development. CCWP funding for nonpoint source projects is also commonly linked with funding from the Recreation Conservation Office, Conservation Commission and Conservation Districts, National Resource Conservation Service, and city and county leveraged projects.

What is the impact on the state operating budget?

No impact on the state operating budget.

Why is this the best option or alternative?

This request is for grant pass-through funds that will go to local governments, tribes, and special purpose districts for high priority water quality projects throughout the state, as mandated in chapter 70.146 RCW. This proposal is the best option to distribute money for water pollution control projects on an equitable, statewide, competitive basis that considers legal mandates, local efforts, ratepayer impacts, and water quality priorities.

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

Ecology is requesting $60 million for CCWP grants from the State Building Construction Account (SBCA), consistent with recent biennial appropriation requests. The CCWP funding historically came from the Water Quality Account (WQA). During the 2009
Description

Legislative session, the Legislature consolidated the WQA into the General Fund-State. All revenue and expenditures were removed from the WQA and added to the General Fund-State. For the 2013–15 biennium, the Legislature funded the CCWP from the new Environmental Legacy Stewardship Account (ELSA). Ecology requests the 2015–17 CCWP come from the SBCA, since the WQA no longer exists, and ELSA funds are requested for other high priority projects.

Project Type
Grants

Grant Recipient Organization: Public entities eligible to receive funding per chapter 70.146 RCW and chapter 173.95A WAC

RCW that establishes grant: chapter 70.146 RCW

Application process used
Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the State Revolving Fund, Centennial Clean Water Program, and the Clean Water Act Section 319 federal grant program. The application period begins on September 1 and continues through the first Friday in November. Ecology staff screens, reviews, and rates and ranks the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. A draft list for all three programs is developed and becomes final on July 1 or sooner, contingent on capital budget appropriations. The Fiscal Year 2015 Final Offer and Applicant List is available on the Water Quality website: http://www.ecy.wa.gov/programs/wq/funding.

Growth Management impacts
None

Funding

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Operating Impacts

No Operating Impact
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<td>Phone:</td>
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<td>Fax:</td>
<td>360-407-6426</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ❑ Yes ❑ No
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5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ❑ Yes ❑ No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ❑ Yes ❑ No
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9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ❑ Yes ❑ No

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

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

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

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 4

Project Summary
Flooding is the number one natural hazard in Washington State. It has caused more than $2 billion in damages to the state since 1980, with the highly populated areas in western Washington most at risk. In the past, solutions to flooding problems were often out of sync with other ecosystem protection or restoration activities. Based on the pilot work funded by the Legislature in the 2013-15 biennium, Ecology plans to coordinate flood hazard reduction and ecosystem benefits into larger scale, multiple benefit packages. This request will fund new projects that provide both flood hazard reduction and ecosystem benefits in communities prone to flooding. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

What is the proposed project?

In the 2013-15 biennium, the Legislature provided $50,000,000 from the State Building Construction Account in project 92000078 (Floodplain Management and Control Grant), known as “Floodplains by Design” grants. The purpose of the funding was to pay for 11 proviso projects for floodplain restoration and a competitive grant program that funded 13 additional high-ranking flood-hazard reduction projects. Objectives of these projects is to restore natural conditions in floodplains through correcting problems created by past flood protection structures and to improve long-term resilience. The funded actions will reduce flood risk to infrastructure and development, while improving habitat conditions for salmon and other species. Actions funded by the grants include land acquisition, setback levee construction, levee removal, stream rehabilitation, bridge and culvert flow restriction correction, and removal of existing development within floodplains. These activities will reduce flood risk and support ecological restoration.

Ecology proposes to continue the capital floodplain management and control grants into the 2015-17 biennium. This new program will work with other floodplain initiatives that provide both flood hazard reduction and improved ecosystem functions. With support from the state, local communities will reduce – and in some cases remove – their flood hazards. At the same time, they will improve salmon habitat, water quality, and recreational opportunities, and promote economic development.

One of the key challenges for Floodplains by Design projects is securing environmental permits. The Nature Conservancy is working with Ecology, the Recreation and Conservation Office, the Washington Department of Fish and Wildlife and others on a dedicated floodplains technical team. The objective is to avoid delays and reduce costs for Floodplains by Design and habitat restoration projects through careful design and timely permit review. Funding for this emerging concept is not reflected in Ecology’s 2015-17 budget request.

In April 2014, Ecology sent out a request for proposals to local governments, tribes, non-government organizations, flood control districts, conservation districts, and others asking for preliminary proposals that meet Floodplains by Design criteria for flood hazard risk reduction coupled with floodplain ecosystem protection and restoration. Projects are also expected to leverage other funding sources. By making these coordinated investments with other state agencies, future flood damages will be reduced, salmon habitat will be improved, and other project-specific ecosystem benefits will be achieved.


Final applications will be scored and ranked (by the experts who reviewed the preliminary proposals) based on the following criteria, which parallels the criteria for the 2013-15 capital budget proviso:
Description

- Flood hazard/risk reduction
- Floodplain ecosystem protection or restoration
- Other benefits such as agricultural viability, water quality, and public access and recreation.
- Cost effectiveness
- Long-term cost avoidance
- Demonstration of need
- Demonstration of support
- Readiness to proceed
- Other factors: Pilot projects, leverage opportunities, equity or social justice, Puget Sound priority floodplain

What opportunity or problem is driving this request?

The reason for the project:

Prior to the 2013-15 Capital Budget project for floodplain management grants, no comprehensive funding existed in the capital budget to support flood-risk reduction efforts. In most biennia, several million dollars were appropriated for specific flood projects. Most of this funding went to improvements to major levees protecting urban areas on the Green and Skagit rivers. There was no funding opportunity for multi-benefit floodplain management projects. These multi-benefit projects are key to meeting objectives contained in the Puget Sound Action Agenda and in flood hazard reduction plans in flood-prone areas, including Yakima and Pierce County.

Ecology receives funding related to this work through the Flood Control Assistance Account Program (FCAAP) as required in RCW 86.26.007, which specifies that $4 million be transferred from the State General Fund to the Flood Control Assistance Account each biennium. Due to the economic downturn, in each of the last three biennia that transfer was reduced to $2 million. Because of this, flood work has been limited to technical assistance from Ecology staff and a handful of small ($100,000 or so) emergency grants.

With the competitive capital funds for floodplain management grants in the 2013-15 biennium, Ecology was able to fund proof-of-concept projects in the major river basins around Puget Sound, and smaller versions of projects across the state. All projects follow the multiple benefits approach to reduce flood risks, such as reducing floodwater depths, preventing river avulsions, and reducing or removing the structures vulnerable to flooding – while also improving the ecosystem.

Local stakeholder involvement and support are central to this process. Human population impacts put increasing pressure on floodplains across the state, which continually escalates the cost of flood damages. At the same time, other efforts like salmon recovery and water quality improvements often conflict with traditional flood hazard remedies. Using a multi-benefit approach helps alleviate these conflicts and meet multiple objectives. For example, a project in the Lower Dungeness watershed includes upgrading irrigation piping to conserve water and improve the reliable supply of agricultural water; buying land and removing a damaged and non-functioning levee system; and restoring the habitat for salmon recovery in the estuary and river system. It also provides new open space for public access and recreation. Ecology will invest new capital funding into these types of multi-benefit projects.

The effects of non-funding:

If this request is not funded, state-funded, multi-benefit flood hazard reduction projects around the state would not be funded. Not providing funding would leave communities vulnerable to the number one natural hazard in the state, which has caused more than $2 billion in damages to the state since 1980. No alternative funding source exists for this work. Without funding, the education and outreach performed with communities to promote this concept and approach would cease, likely resulting in more traditional flood risk reduction practices being used, which may conflict with other ecosystem improvement work. With no incentive to plan and design for multi-benefit projects, communities may choose to return to traditional approaches such as levees, which hamper salmon recovery, destroy habitat, and contribute to water quality problems like temperature and sediment loading to streams. Without funding to address these problems, western Washington river systems, in particular, would see sediment loading pushing rivers out of their current beds, causing negative impacts to the nearby communities. This would
cause even greater damage than normal flooding, and increase the frequency of flooding.

How does the project support the agency and statewide results?

This project intersects with effective water management, preventing toxic threats, and adapting to climate change. It is essential to implementing three of Ecology's strategic priorities:

– Protect and Restore Puget Sound by protecting and restoring functioning floodplains in the Puget Sound, a major goal of the Puget Sound Partnership’s (PSP) Action Agenda.
– Deliver Integrated Water Solutions by providing increased financial assistance to support community based projects that improve public protection from flood hazards and result in environmentally sound management of floodplain resources.
– Reducing and Preparing for Climate Impacts, also a Governor priority, through adaptation to climate change in considering future flooding scenarios and designing flood hazard reduction approaches.

This project supports three of the Governor’s Results Washington Goals:

Goal 3, Sustainable Energy and a Clean Environment by:
– Preventing flood damages that would introduce pollutants into river and shoreland areas.
– Preventing and mitigating flooding hazards in communities to promote safer communities.

Goal 4, Healthy and Safe Communities by funding projects that provide the necessary resources and assistance to communities to prevent loss of life and property created by catastrophic flood events.

Goal 5, Effective, Efficient, and Accountable Government by coordinating the flood hazard reduction program with other state initiatives like salmon recovery and water quality.

This request also supports Puget Sound Action Agenda implementation of sub-strategy A5.4, "Implement and maintain priority floodplain restoration projects" and Near Term Action (NTA) 4, "Implement priority multiple-benefit floodplain restoration projects." In close collaboration with PSP and the Nature Conservancy (secondary owners of this NTA), we are developing a ranked project list to support this request. This work helps address PSP’s goal of restoring at least 15 percent of the floodplain connectivity in the Puget Sound basin.

What are the specific benefits of this project?

These multi-benefit flood management projects will result in reduced flood hazards and improved river habitat for salmon and other species. This includes improving habitat for salmon species listed under the Endangered Species Act. It reduces long-term costs by creating more resilient approaches to reducing flood hazard through actions such as moving highly flood-prone development from floodplains and setting back levees to provide additional room for conveyance of floodwaters. These projects will reduce repeated losses due to flood damage. FEMA, the Federal Emergency Management Agency, estimates that three dollars are saved for every one dollar invested in flood hazard mitigation.

This project will also provide economic benefits to the state by creating up to 83 jobs during the next two years based on Office of Financial Management estimates.

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

By continuing Floodplains by Design grants, Ecology will provide ongoing assistance to communities to reduce flood risks while also improving the natural and beneficial functions of floodplains around the state.

Are FTEs required to support this project?
Description

This project requires a total of 6.85 FTEs, including 5.96 FTEs to administer the floodplain by design grant program and 0.89 FTEs for Agency Administrative Overhead. This is a similar level of FTEs currently supporting this capital project (5.75) in the 2013-15 biennium.

0.50 FTE (Environmental Planner 5) will serve as the project and policy lead for the program as a whole; 1.0 FTE (Environmental Specialist 5) will serve as the permitting expert, streamlining permitting and interagency permit coordination; 0.90 FTE (Environmental Planner 3), 0.13 FTE (Hydrogeologist 3), and 0.25 FTE (Environmental Engineer 5) will provide technical assistance to grant recipients on their grant applications and in implementing their grant award; 2.0 FTE (Environmental Planner 2) will be project managers; 1.0 FTE (Grant and Contract Coordinator) will serve as the financial manager for competitive grants; and 0.18 FTE (Communications Consultant 5) will provide communication and outreach.

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

An objective of this new program is to improve the coordination and maximize the effectiveness of multiple funding sources to achieve multiple benefits in floodplain management. Other state agencies, including the Department of Fish and Wildlife, Recreation and Conservation Office, and PSP will work to improve funding coordination. Local governments will have new funding for flood hazard and ecosystem projects at the scale required to make a lasting impact. In many cases, grants provided through this program will complement other state and federal grant sources that support salmon habitat restoration.

What is the impact on the state operating budget?

None.

Why is this the best option or alternative?

No other state fund source exists to achieve the scale of work needed to protect and restore floodplains around the state. Continuing to do floodplain management projects on a piece-meal or site-specific approach may exacerbate the flood hazards for the community, and does not coordinate with other ecosystem actions taken by Ecology and other natural resource agencies. Local resources alone are not adequate to achieve game-changing actions, such as levee setbacks. Relying on local resources creates a burden on economically disadvantaged communities that cannot support significant investments in floodplain management.

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

Grants will be funded entirely through the State Building Construction Account. Up to 20 percent match will be required from grant recipients for capital projects. Ecology will take into consideration economically disadvantaged communities and other factors in determining match requirements. If appropriation is not received, projects would not go forward.
OFM

461 - Department of Ecology
Capital Project Request
2015-17 Biennium

Version: BI Biennial 15-17 Initial
Report Number: CBS002
Date Run: 9/8/2014 4:25PM

Project Number: 30000537
Project Title: Floodplains by Design

Description

Grant Recipient Organization: Local gov, tribes, conservation/flood ctrl districts, non-profits, and salmon recovery lead entities
RCW that establishes grant: None
Application process used
Preliminary proposals are submitted and reviewed by a group made up of Ecology staff and external stakeholders. Pre-proposals are screened for eligibility and those that qualify are asked to submit detailed applications.

Growth Management impacts
In some cases, the funded projects would support objectives in local Frequently Flooded Area provisions contained in Critical Area policies.

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Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

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<td>Scott McKinney</td>
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<tr>
<td>Phone:</td>
<td>360-407-6131</td>
<td>Fax:</td>
<td>360-407-7162</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

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### Ecology 2015-17 Biennial Budget DRAFT Project List

**Shorelands & Environmental Assistance Program**

**Floodplains by Design**

*July 2014*

#### Attachment A

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Description

Starting Fiscal Year: 2016
Project Class: Grant - Pass Through
Agency Priority: 5

Project Summary

Current water resources infrastructure, programs, and policies in the Yakima River Basin have not been able to consistently meet the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan to provide a comprehensive long-term water resources and habitat improvement program to address this situation. Ecology is requesting $30.0 million to continue implementing this program in cooperation with the U.S. Bureau of Reclamation and local stakeholders. This program will support the regional economy and protect the environment. (State Building Construction Account)

Project Description

What is the proposed project?

The Yakima River Basin has experienced long-standing severe problems with water supply and aquatic resources. The cause of those problems are numerous and complex; and the net result is the Yakima River basin is a drought prone, over-appropriated basin with decimated anadromous fish runs and degraded fish habitat.

The U.S. Geological Survey (USGS) conducted a groundwater study, developed a model, and released a report of findings in September 2011. According to the report, the Yakima River basin has one of the most complex hydrologic systems in the nation. With increasing frequency, water sources run short, and predictions are for a worsening water supply in the face of climate change. The report and model reinforce that surface and groundwater must be managed as one resource in the Yakima River Basin. Based on the USGS study results, Ecology believes that, in most places in the basin, new groundwater withdrawals – including those for domestic and municipal purposes – will not be legally reliable without mitigation.


The Plan calls for making substantial improvements in available water supply, constructing fish passage at all in-basin reservoirs, improving fish habitat, and acquiring targeted land parcels for improvements in overall watershed health. The Plan will take 20 to 30 years and about $3.5 billion to implement. Ecology is pursuing implementation of the Plan as the long-term solution to the problems of the basin. But Ecology believes it is necessary to pursue short and medium-term solutions between now and the time when the Plan produces benefits. Such solutions need to focus on dealing with current water allocation and management, and specifically address ground and surface water interrelationships identified in the USGS report.

The Plan would add 450,000 acre-feet of surface storage capacity and save about 170,000 acre-feet of water during non-drought years through agricultural water conservation efforts. Taken together, the measures are intended to help ensure more water for irrigators in drought years and reduce dependence upon snowpack. These elements of the Plan are focused on meeting existing irrigation needs in drought years and not on making water available for future irrigation development.

The Plan incorporates approximately 57,000 acre-feet of water supply for municipal and domestic needs. But it may take 20 or 30 more years to obtain funding and authorization, and to develop these new water supplies for municipal and domestic purposes only.

Interim steps are needed until these new sources of water become available through storage, conservation, and other water management projects. While water resources must be managed conservatively to protect senior users and fisheries, we must
Yakima River Basin Water Supply

Description

seek ways to make water available for growing communities and industries.

This request for $30.0 million will fund continued implementation projects in the Plan to initiate measureable progress to address pending water right applications in the basin, and develop solutions for how new groundwater uses may be achieved through mitigation or other creative programs such as domestic water reserve programs and expanded water exchanges. Specifically, the request includes $30.0 million for construction of 2015-17 Yakima Integrated Plan implementation water supply projects. All funding identified in this request is from the State Building Construction Account and is state “seed” money that will eventually match a yet-to-be determined amount of federal and local share of the costs.

Results through the 2013-15 Biennium:

1. Teanaway Land Acquisition - The first action purchased (via the Washington Department of Natural Resources (DNR)) and protected 50,000 acres in the watershed in the Yakima River Basin. The state’s first “community forest” will be jointly managed by DNR and the Department of Fish and Wildlife (WDFW) for conservation, recreational and commercial uses.

2. Manashtash Creek – A piping project was implemented to bring more reliable water to local farmers and open 25 miles of creek passage for endangered steelhead.

3. Miscellaneous Projects –Activities will protect and enhance fish and wildlife. These will improve availability, reliability and efficiency of water supplies and establishes flexible operational enhancements to prepare for the impact of climate change and drought. Specific projects include:
   a) Begin constructing fish passage at the Cle Elum Reservoir. This supports the Yakama Nation’s reintroduction of sockeye salmon to the Basin and is a first step to achieving fish passage at all of the basin’s reservoirs.
   b) Develop and design a proposal to tap into 200,000 acre-feet of water now stored in Lake Kachess that we cannot access (due to limits of the current outfall). Develop another proposal to increase the capacity at Cle Elum by 14,600 acre-feet by raising dam gates three feet.
   c) A study is looking at constructing a pipeline from Kecheelus Lake to Lake Kachess. Connecting the two reservoirs could allow excess water in one basin to be stored and released from the greater capacity in the other basin. Draft environmental impact statements on these projects will be available in summer.

2015-17 Proposed Projects - $30.0 million (Attachment A):

1. $9.5 million Final design for the Kachess Reservoir Drought Relief Pumping Plant and Keechelus to Kachess Tunnel projects. This proposed pipeline will transfer water directly from Keechelus Reservoir to Kachess Reservoir. The pipeline will increase the amount of water that could be stored in Kachess in some years, increasing total water supply available and improving Reclamation's flexibility in providing water for both irrigation and fish needs. Efforts are being made to coordinate construction of the pipeline crossing of I-90 with the on-going Department of Transportation construction project. Project would modify the outlet to Kachess Reservoir to allow an additional drawdown of 80 feet. This would provide the ability to withdraw another 200,000 acre feet of water from the lake, when needed.

2. $8.5 million Constructing upstream fish passage facilities at Cle Elum Reservoir

3. $5.0 million Water conservation projects – Includes various projects that will improve water use efficiency for both agricultural and municipal water users.

4. $5.0 million Aquatic habitat enhancements and watershed enhancement acquisitions – includes various projects that will address mainstem and tributary habitat restoration priorities such as flow restoration, fish barrier removal, and screening diversions. Also includes projects that will protect large tracts of privately owned land through acquisition of lands that will be protected by restricting potential development.

5. $1.0 million Planning report and development of initial Environmental Impact Statement for Tieton Reservoir fish passage facilities.
461 - Department of Ecology
Capital Project Request
2015-17 Biennium

Version: BI Biennial 15-17 Initial
Report Number: CBS002
Date Run: 9/9/2014 1:48PM

Project Number: 30000590
Project Title: Yakima River Basin Water Supply

Description

6. $0.5 million Aquifer storage and recovery pilot project - Groundwater infiltration project will improve water supply by diverting water into designed infiltration systems (ponds, canals or spreading areas) prior to storage releases from the Yakima Project.

7. $0.5 million Water marketing and banking development. Through acquisition of water rights, water banks and exchanges will be developed to increase overall water supply and/or mitigate against various environmental impacts.

Ecology continues to actively pursue federal and local funding match funding for this work.

What opportunity or problem is driving this request?

The reason for the project:

For the past 30 years, several groups in the Yakima River Basin have been actively involved in storage modification, supplementation, and fish enhancement projects. Groups include the Yakama Nation, United States Bureau of Reclamation, Bonneville Power Administration, U.S. Fish and Wildlife Service, National Marine Fisheries Service, Washington Department of Ecology, WDFW, county and municipal governments, local conservation districts, non–profit organizations, and other landowners and managers. But the current water resources infrastructure, programs, and policies in the Yakima River basin have not been able to consistently meet aquatic resource demands for fish and wildlife habitat, dry–year irrigation demands, and municipal water supply demands.

Anadromous and resident fish populations are seriously depleted from historic levels and some species have been eliminated from the basin or listed as threatened under the Endangered Species Act. The cause of decline for resident fish populations includes many obstructions that block fish passage to upstream tributaries and spawning grounds; degraded riparian habitat and floodplain functions by past and present land use practices; altered streamflows due to heavy irrigation demand that leaves some streamflows too high or too low to provide good fish habitat.

There are many reasons it is difficult to meet demand for current and future municipal and domestic water supplies. First, water rights in the basin are fully appropriated, which makes it difficult to acquire water to meet future municipal and domestic water demand. Second, pumping groundwater for irrigation and municipal uses has been shown to reduce surface water flows in some locations, which may affect other existing water rights.

Finally, climate change projections indicate there will be changes in runoff and streamflow patterns, which will increase the need for prorationing and maintaining flows for fish.

These problems have created a need to restore ecological functions in the Yakima River Basin and to provide more reliable and sustainable water resources for the health of the riverine environment, and for agricultural, municipal, and domestic needs. These problems should be addressed in a way that anticipates increased water demands and changes in water supply related to climate change. In developing the Plan, USBR, Ecology, and the YRBWEP Working Group identified specific needs for resident and anadromous fish, irrigation water supply, municipal and domestic water supply, and anticipated changes in water supply related to climate change.

The effects of non-funding:

If the initial Implementation Plan projects are not funded, USBR and Ecology would not continue implementing the Plan. Without an integrated approach, it is unlikely USBR and Ecology would be able to procure additional federal or state funding to develop large–scope water storage or fish passage and habitat improvement projects. Ecology expects that securing continuing funding is critical to leveraging future federal appropriations that will help pay for the multi–billion dollar cost of the Plan. So, the existing management structure would remain in place, which has proven to be inadequate for meeting basin wide water needs. The water future of the basin would continue to rely on individual actions by various agencies and other entities to improve water resources in the basin. Current funding sources would be used to continue ongoing programs and those projects already funded.
Although USBR and Ecology would not implement an integrated approach to improve water resources and fish habitat in the basin, current management activities and ongoing projects in the basin would continue. In addition to their involvement with ongoing projects, USBR and Ecology would continue their activities to manage water resources in the Yakima River Basin. The USBR would continue to study fish passage options at its major reservoirs consistent with its mitigation agreement with WDFW outlined in the hydraulic project approval permit, but would not have funding to carry out the projects.

USBR and Ecology would continue to explore other opportunities for funding and implementing water resource and habitat improvement projects, but no large-scale or integrated actions or projects would likely occur under the No Action Alternative (the expected future condition if no action is taken). Under the No Action Alternative, progress toward achieving the goal of restoring ecological functions in the basin would likely proceed more slowly and in a more limited way than with a comprehensive funding package.

How does the project support the agency and statewide results?

This request supports Ecology's strategic priority Develop Integrated Water Solutions, and the Governor's Results Washington Goal 3, Sustainable Energy and a Clean Environment by helping to meet economic and community needs for reliable water supplies, while protecting and enhancing river flows for fish. Also, achieving adequate instream flows and providing water for communities in the Yakima River Basin are elements of Ecology's strategic plan to manage the sustainability of water resources. The objective of this request is to continue achieving progress on managing water in the Yakima River Basin in a way that helps issue new water rights; protects existing water rights from interruption during drought years; and provides water for municipal permits while enhancing instream values by improving stream flows. This request will also strengthen long–term strategic relationships with agriculture, industrial, municipal, and tribal communities in eastern Washington. It also supports the Governor's priority to use Washington's resources wisely (water, forest and fish), and supports salmon.

This request makes a key contribution to the Priorities of Government (POG) statewide result, "Improve the Quality of Washington's Natural Resources" through the purchase strategy, achieve sustainable use of public resources and preserving, maintaining, and restoring natural systems and landscapes.

Achieving adequate instream flows and providing water for communities in the Yakima River Basin are elements of Ecology's Strategic Plan. This project also supports the POG focus area related to improving the economic vitality of business and individuals.

The objective of this request is to develop an approach to managing water in the Yakima River Basin in a way that helps Ecology issue new water rights; protects existing water rights from interruption during drought years; and provides water for municipal permits while enhancing instream values by improving stream flows.

This request will also strengthen long–term strategic relationships with agriculture, industrial, municipal, and tribal communities in central Washington. The project also supports the Governor's priorities of mapping our water and supporting salmon recovery.

What are the specific benefits of this project?

Requested funds will be used to continue financing assessments and constructing new water projects and water conservation measures. These infrastructure investments will expand the available water supply, allow new water rights to be issued, and enhance instream flows in the Yakima River and its tributaries.

Economic Impact: This project will provide economic benefits to the state, and create 90 jobs during the 2015-17 biennium, based on Office of Financial Management estimates.

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

Implementing projects included in this request will continue implementing the entire Plan in the Yakima River basin. Projects will
Yakima River Basin Water Supply

Description

be constructed and expand the portfolio of water available to meet the objectives of the Plan within the basin. Both the initial and long-term projects included in the Plan are needed to meet the economic and community development needs of people and the instream flow needs for fish. It is difficult to secure any new water for out-of-stream uses, due to endangered fish issues and lack of water availability in the Yakima River Basin. More details on the Plan can be found at http://www.ecy.wa.gov/programs/wr/cwp/YBIP.html.

Funding of this request will allow practical water supply solutions to be started and continue the work with interest groups across the community to secure new instream and out-of-stream water uses in a cooperative and balanced way. Projects funded will lead to additional economic activity in communities throughout the region, and allow state government to work in partnership with water stakeholders throughout the region. Economic vitality in the region will continue while aquatic resources and instream flows are protected.

Are FTEs required to support this project?

This project requires 2.19 FTEs, including 1.90 FTEs to manage the project and 0.29 FTEs for Agency Administrative Overhead. The 1.90 FTEs will provide project management, scientific expertise, contract oversight and support to implement Integrated Plan projects. This is a similar level of FTEs currently supporting this capital project (2.30) in the 2013-15 biennium due to the large volume of contracts the OCR manages for Columbia River and Integrated Plan projects, and in anticipation of implementing some very large scale projects (constructing storage) as well as adding numerous small scale habitat projects.

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

Other state agency programs that support economic community and agriculture development and protection and restoration of fish species will benefit from these projects. The WDFW is an active partner in identifying the most critical needs for protecting and enhancing streamflows for fish. The Washington State Conservation Commission (WSCC) is managing funds from Ecology’s budget related to financing on-farm irrigation efficiencies (Capital Budget request Water Irrigation Efficiencies Program - #30000587). Ecology also funds activities directed by the WSCC related to securing potential projects through re-timing studies conducted by the conservation districts. Cities and counties in the Yakima River Basin are strong supporters and active partners. The USBR is a funding partner with Ecology in new storage and conservation projects.

Ecology is currently working on a broad range of projects. Just as diverse is the spectrum of partners, beyond those identified above, that are involved in these projects. The portfolio of participants includes, but is not limited to, local conservation districts, irrigation districts, municipal water systems, numerous environmental groups, agricultural organizations, and local governments. These organizations are involved not only in giving us policy guidance, but also will likely be grant recipients and project partners critical to successfully implementing the Plan. Funding this list of Early Action projects means this wide range of partners will see new water storage and conservation projects, along with the associated jobs and funds critical to their local economies.

What is the impact on the state operating budget?

None.

Why is this the best option or alternative?

New funds allow Yakima River Basin projects to be started and solutions to historic water supply problems implemented. The availability of extensive capital funding is critical to implementing the Plan and securing future commitments from the federal government. Without the capital funding, the plan would not be implemented and existing water supply problems would continue and likely become more volatile in the future.

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

Ecology proposes using SBCA bonds to fund the Early Action projects listed in the request. Using these bonds is the
**Description**

appropriate mechanism to fund multi–million dollar Early Action projects that will provide instream and out–of–stream benefits for decades. We have not yet determined the funding arrangement with our federal and local partners. Three party agreements with local irrigation districts and USBR for a share of the total project cost are being discussed with local, state and federal partners. Additional details of these discussions are expected in late January 2015 as the next round of discussion occurs.

**Project Type**
Grants

**Grant Recipient Organization:** Local Entities

**RCW that establishes grant:** Legislative Appropriation

**Application process used**
Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**
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**Operating Impacts**

No Operating Impact
Expected Use of Bond/COP Proceeds

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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☒ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? ☐ Yes ☒ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☑ Yes ☐ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☒ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☒ No

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

If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.

If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.

If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.

If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
## Ecology 2015-17 Budget Project List - Agency Request Budget

### Water Resources Program

#### Yakima River Basin Integrated Water Resource Management Plan

*September 2014*

**Summary:** Existing water resources infrastructure, programs, and policies in the Yakima River basin have not been capable of consistently meeting the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan to provide a comprehensive long-term water resources and habitat improvement program to address this situation. Implementing this program will support the regional economy and also protect the environment. The Water Resources Program and Office of Columbia River are implementing this program in cooperation with the U.S. Bureau of Reclamation and local stakeholders. (Yakima Basin projects are in Legislative Districts 8, 13, 14, 15, and 16). The total estimated cost is based on 2013 estimates and does not include inflation. The projects and specific costs are subject to change or modification as new information becomes available over the course of the 30 to 40 year implementation schedule of the Yakima Integrated Plan.

<table>
<thead>
<tr>
<th>Integrated Plan Element</th>
<th>Integrated Plan Actions / Projects</th>
<th>Total Estimated Cost ($)</th>
<th>15-17 Budget Request ($)</th>
<th>Prior Biennia Appropriations</th>
<th>Project Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Habitat</td>
<td>Tributary/Mainstem Enhancement</td>
<td>480,000,000</td>
<td>4,000,000</td>
<td>2,625,000</td>
<td>Fish habitat enhancement program would address mainstem and tributary habitat restoration priorities such as flow restoration, fish barrier removal, and screening diversions</td>
<td>Early Action funding via re-programmed Office of Columbia River (OCR) Capital funds. Authorization per section 3006 ESB 6074 Capital Budget Bill 2nd Special Session - Funded via Columbia River Basin Water Supply Development Account (10P) and Columbia River Basin Taxable Bond Water Supply Development Account (18B).</td>
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<tr>
<td></td>
<td>Watershed Acquisitions</td>
<td>TBD</td>
<td>1,000,000</td>
<td>100,094,000</td>
<td>Large tracts of privately owned land would be acquired and protected by restricting potential development</td>
<td>Early Action funding via re-programmed OCR Capital funds. Authorization per section 3006 ESB 6074 Capital Budget Bill 2nd Special Session - Funded via Columbia River Basin Water Supply Development Account (10P) and Columbia River Basin Taxable Bond Water Supply Development Account (18B).</td>
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<tr>
<td>Fish Passage</td>
<td>Cle Elum Reservoir</td>
<td>90,000,000</td>
<td>8,500,000</td>
<td>9,500,000</td>
<td>Proposed downstream / upstream fish passage facility.</td>
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<td></td>
<td>Box Canyon Creek</td>
<td>1,000,000</td>
<td></td>
<td>100,000</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Keechelus, Kachess, Tieton</td>
<td>312,000,000</td>
<td>1,000,000</td>
<td>500,000</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Keechelus to Kachess Pipeline</td>
<td>200,000,000</td>
<td>7,100,000</td>
<td>3,000,000</td>
<td>K to K pipeline is proposed to transfer water directly from Keechelus Reservoir to Kachess Reservoir. The pipeline would increase the amount of water that could be stored in Kachess in some years, increasing the total water supply available and improving Reclamation’s flexibility in providing water for both irrigation and fish needs. Efforts are being made to coordinate construction of the pipeline crossing off-80 with the on-going WSDOT construction project.</td>
<td>Early Action funding per Section 502 ESB 5127 - Capital Bond Bill 2012 2nd Special Session - Funded via OCR Bonds (10P)</td>
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<tr>
<td>Operational Modifications</td>
<td>Subordination of Power Generation (Roza and Chandler)</td>
<td>TBD</td>
<td>375,000</td>
<td></td>
<td>Power subordination at key times would support out-migration of steelhead, Chinook, sockeye and coho juveniles</td>
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</tr>
<tr>
<td>Integrated Plan Element</td>
<td>Integrated Plan Actions / Projects</td>
<td>Total Estimated Cost ($)</td>
<td>15-17 Budget Request ($)</td>
<td>Prior Biennia Appropriations</td>
<td>Project Description</td>
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<tr>
<td><strong>Surface Storage</strong></td>
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<tr>
<td></td>
<td>Cle Elum Pool Raise</td>
<td>18,000,000</td>
<td>2,800,000</td>
<td>Increase available storage of Lake Cle Elum by approximately 14,600 ac-ft by raising lake level 3 feet (from 2240 to 2243 feet).</td>
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<td></td>
<td>Kachess Inactive Storage</td>
<td>280,000,000</td>
<td>2,400,000</td>
<td>13,050,000</td>
<td>Project would modify the outlet to Kachess Reservoir to allow an additional drawdown of 80 feet. This would provide the ability to withdraw another 200,000 ac-ft of water from the lake, when needed.</td>
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<tr>
<td></td>
<td>Wymer Reservoir</td>
<td>1,430,000,000</td>
<td>1,125,000</td>
<td>New 162,500 ac-ft off-channel storage facility in the intermittent stream channel of Lmuma Creek, 8 miles upstream of Roza dam. Water would be pumped into the reservoir during winter, and spring high flow run-off events. On average 82,500 ac-ft of storage capacity would be used annually to improve instream flows. The remaining storage capacity would be used for carry-over or drought relief storage.</td>
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<td></td>
<td>Bumping Reservoir Enlargement</td>
<td>571,000,000</td>
<td>1,125,000</td>
<td>Enlargement of Bumping Lake to a total active capacity of 190,000 ac-ft (current capacity is 33,700 ac-ft)</td>
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<td><strong>Aquifer Storage and Recovery (ASR)</strong></td>
<td>Kittitas County ASR</td>
<td>TBD</td>
<td>500,000</td>
<td>600,000</td>
<td>Groundwater infiltration would be accomplished by diverting water into designed infiltration systems (ponds, canals or spreading areas) prior to storage releases from the Yakima Project.</td>
<td>Early Action funding via re-programmed OCR Capital funds. Authorization per section 3006 ESB 6074 Capital Budget Bill 2nd Special Session - Funded via Columbia River Basin Water Supply Development Account (10P) and Columbia River Basin Taxable Bond Water Supply Development Account (18B).</td>
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<td><strong>Water Conservation</strong></td>
<td>Agricultural Conservation</td>
<td>430,000,000</td>
<td>2,500,000</td>
<td>2,400,000</td>
<td>Does not include Ecology and Reclamation funding for existing YRBWEP conservation efforts</td>
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<td>Municipal Conservation</td>
<td>2,500,000</td>
<td>100,000</td>
<td>Does not include funding by municipalities for water system conservation programs</td>
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<tr>
<td><strong>Market Driven Water Reallocation</strong></td>
<td>Water Bank/Exchange Programs</td>
<td>500,000</td>
<td>350,000</td>
<td>Does not include Ecology and Kittitas County funding for existing water banks and exchanges</td>
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<tr>
<td><strong>Sub-Total - Water Supply Infrastructure Improvements</strong></td>
<td></td>
<td>3,812,000,000</td>
<td>30,000,000</td>
<td>137,744,000</td>
<td>Final funding allocation between federal, state and local sources is still under development. Of the initial 6.3M in early action funding for the 11-13 biennium, USBR provided $1.375M and the State $4.925M. During the 13-15 biennium, the State provided $131.444M to the integrated plan that included $32.1M to Ecology for implementing projects on this list and an additional $99.34M to the Department of Natural Resources for the acquisition of the Teanaway property.</td>
<td></td>
</tr>
</tbody>
</table>
Agency Priority: 10

Project Summary
Ecology is requesting $22.16 million in new appropriation to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to achieve substantial progress in the 2015-17 biennium. Specifically, these funds will: provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new uninterruptible supply of water for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and, place one-third of these new water supplies instream to meet the flow needs of fish. With this request, Ecology will be able to deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. These investments will help meet priority needs of the water users in the Columbia River Basin. (Columbia River Basin Water Supply Development Account – 10P, Columbia River Basin Water Supply Revenue Recovery Account - 296)

Project Description

What is the proposed project?

Legislative Authorization Summary
The 2006 Legislature authorized $200 million in bonds to implement the Columbia River Basin Water Supply Development Program (Program) that expands available water supply in the basin; provides replacement supplies for some existing uses; and improves stream flow conditions within the Columbia and Snake Rivers. This request will continue to build on projects under development and new projects Ecology is managing through the Office of Columbia River (OCR). These projects include pursuing water supplies to benefit both instream and out-of-stream uses through storage, conservation, and voluntary regional water management agreements. Per RCW 90.90.010, bond funds can be used for the following activities:

– Assessing, planning, and developing new storage options.
– Improving or altering operations of existing storage facilities.
– Implementing conservation projects (net water savings achieved through conservation measures will be placed into trust in proportion to the state funding provided to implement a project).
– Other actions designed to provide access to new water supplies within the Columbia River Basin for both instream and out-of-stream uses

Results Through the 2013–15 Biennium
To date, Ecology has had a variety of successes in leveraging the reach of the original $200 million bond authority. For example, we are currently working on the Pioneer Piping Project near Wenatchee. During the 2013-15 biennium, OCR continued to implement the following projects:

City of Bridgeport - A new water right for the City of Bridgeport that allows the rotation of water in all three city wells to provide increased service to the community. Together with the new wastewater treatment plant, the city can now accommodate 165 new homes or equivalent businesses. Water now stored in Sullivan Lake and Lake Roosevelt on the Columbia River is making it possible for new municipal water right permitting through agreements with the Pend Oreille County's Public Utilities District No. 1 and with the U.S. Bureau of Reclamation.

Red Mountain Agriculture Viticulture Area Pump Project – This project will irrigate an additional 1,785 acres of wine grape vineyards, annually. In addition, the project keeps approximately 11,000 acre-feet of water instream in a critical stretch of the lower Yakima River and through a mitigation agreement protects 1,200 acres of shrub steppe habitat. This project is currently in the testing phase and expects to go operational and deliver water in the spring of 2015.
Weber Siphon Complex – With the completion of the second siphon at the Weber Siphon Complex, project implementation continues with the expansion of the East Low Canal and the installation of two smaller siphons (Lind #1 and Lind #2), which will allow water to be delivered to additional areas of the Odessa including the southern portion of the Columbia Basin Project (south of Interstate 90). A related project involves a large feeder canal – known as East-Low Canal. It is not large enough to carry the additional water released from the Lake Roosevelt Storage Release Project to the Weber Siphon Complex. Construction of the canal expansion is currently underway. And once completed, will allow implementation of water service contracts with the East Columbia Basin Irrigation District. Once the irrigation district installs water delivery infrastructure (canals, pumps, pipes, etc. to deliver the water on-farm), the Weber Siphon and East Low Canal projects will transport water from Lake Roosevelt to farmers in the Odessa Subarea.

Sullivan Lake Water Supply Project - By acquiring 14,000 acre-feet of water from the Pend Oreille County Public Utility District, OCR created a rare opportunity to develop new water supplies in a part of the state where few opportunities exist. New water right permits will be issued with 4,700 acre-feet used for municipal, industrial and domestic water rights, 4,700 acre-feet for other out-of-stream uses including irrigation and stockwater and 4,600 acre-feet of water will be kept instream to improve flows in the Pend Oreille River all the way to the Pacific Ocean. RCW 90.90.110 requires that the water only be allocated to applicants in six northeastern Washington counties: Douglas, Ferry, Lincoln, Okanogan, Pend Oreille, and Stevens counties. This project continues during the 2015–17 biennium due to a delay in surrendering the Federal Energy Regulatory Commission Hydropower License and for the shift of funds directed by the Governor and legislative members to accommodate the Moses Lake Irrigation and Reclamation District Dam failure.

This planned investment in Columbia River projects is expected to leverage well over $50 million in funds from federal and local governments. Projects run the full spectrum from smaller, short-term one to two-year projects to long–term, large water supply projects that take more than ten years to complete. Some projects Ecology is able to fund in full, using only money from program appropriations. Others take a broad group of stakeholders coming together to create a complete funding package. Ecology will continue to use the combination of tools available. This includes cost recovery, revenue generation, leveraging to secure outside funding, and work with stakeholders and partner agencies to develop project specific funding packages. These packages combine state, local, and federal resources to implement the largest water supply development projects.

2015–17 Projects

Ecology will initiate/complete its third water supply and demand forecast in November 2016. We use this as a capital investment planning tool. It identifies and quantifies critical water needs and guides our decisions regarding state investment in water supply development projects. The forecast reports on the existing regulatory framework for supply management in the Columbia River Basin and potential changes due to changing legal conditions, policy choices, climate change, and water supply projects. Future demands for agriculture, municipalities, hydroelectric power, and instream flows are evaluated in this forecast.

Please note that Ecology is requesting authority from two different accounts that include the Columbia River Basin Water Supply Development Account – 10P, and the Columbia River Basin Water Supply Revenue Recovery Account - 296. The attached project list (attachment A) identifies the fund source of the new requests.

The OCR’s proposed project ranking includes criteria that look at the amount of water supply made available and water saved for instream and out-of-stream uses; location of the project; fish benefits of the project; and the ability to measure and enforce water savings. Please see Attachment A for a list of projects. Please note, the project list is a working draft subject to change based on local priorities, future legislative appropriations, feasibility assessment outcomes, and permit requirements.

In addition to the $200 million authorized by chapter 90.90 RCW, Ecology anticipates funding $18.9 million in future biennia projects by recovering costs of some projects through issuance of loans or grants (loan principle and interest are deposited to Fund 296) or through water service contracts with applicants that receive the new water. These contracts will allow us to recover all or part of the development cost of the project. Charges that will be recovered include Ecology’s costs to study, construct, operate, and maintain a project. Ecology will also be able to recapture hydro–power revenue generated by the water supply developed through water contracts.

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

Before chapter 90.90 RCW was enacted in 2006, it was very difficult to provide permanent new water rights in much of the Columbia River Basin. Water managers, business leaders, agricultural interests, environmental and tribal leaders, and others were struggling to find a new way to deal with eastern Washington’s critical water issues. The problems they faced were immense: aquifers in the Odessa Subarea were rapidly declining—endangering the state’s most valuable crop, potatoes; low stream flows threatened salmon and steelhead; interruptible water right holders faced frequent curtailment during the height of the irrigation season; cities struggled to meet the demand for additional water as they grew; new water rights for agriculture, industry, and communities were subjected to years of litigation as various parties fought over the best use of this scarce resource. New water supplies that could be issued in an attempt to address these issues were and are required in nearly all cases to be interrupted during low-flow periods to protect instream flows for fish. The bond proceeds made available through the Program provide a path forward to meet economic and community needs for reliable water supplies, while protecting and enhancing river flows for fish.

The effects of non-funding:

The original 2006 bill for the Program (Engrossed Second Substitute House Bill 2860, codified as chapter 90.90 RCW) resolved many conflicts among competing water users in the Columbia River Basin. This law established the only process for achieving instream flows and providing water for communities agreed to by all of the affected groups. The availability of extensive capital funding was the critical factor to reaching agreement in the Legislature. If funds are not appropriated for use in the 2015-17 biennium, and new funding from bond sales not made, new water for instream and out-of-stream uses—including municipal, agricultural, tribal communities, and fish and wildlife—would not be available. Feasibility studies, other contract work currently in process, and new water supply projects would not be completed or started. Also, valuable progress made in the past nine years to build a working consensus between historically disparate groups in the basin would likely be lost.

An example of the potential economic impact of not funding this package is illustrated by the Odessa declining aquifer. Right now, 170,000 acres of land in the Odessa Subarea are irrigated with groundwater that, at the current rate of decline, will no longer be a viable source of water within ten years. Continued funding of the work to bring the only alternative water supply available—surface water—to the area is critical to preserving the agricultural economy of that region. Without this, the state could lose as many as 3,600 jobs and $630 million each year in regional sales.

How does the project support the agency and statewide results?

This request supports Ecology’s strategic priority Develop Integrated Water Solutions, and the Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment by helping to meet economic and community needs for reliable water supplies, while protecting and enhancing river flows for fish.

Also, achieving adequate instream flows and providing water for communities in the Columbia River Basin are elements of Ecology’s Strategic Plan to manage the sustainability of water resources. The objective of this request is to continue achieving progress on managing water in the Columbia River Basin in a way that helps issue new water rights; protects existing water rights from interruption during drought years; and provides water for municipal permits while enhancing instream values by improving stream flows.

This request will also strengthen long-term strategic relationships with agriculture, industrial, municipal, and tribal communities in eastern Washington. It also supports the Governor’s priority to use Washington’s resources wisely (water, forest and fish), and supports salmon.

What are the specific benefits of this project?

Funds identified in this request will be used to continue financing assessments and construction of new water projects and water conservation measures. These infrastructure investments will expand the available water supply; allow new water rights
Description

to be issued; and enhance instream flows in the mainstem Columbia River and some of its tributaries. The last three biennia have been defining years for the Program. Several important studies are being finalized, negotiations are continuing with project partners leading to progress on a number of projects, and additional water is being acquired for agriculture, municipalities, business, people, and fish and wildlife. To date, over 375,000 acre–feet of water has been developed and is entering into the process of being perfected, placed into trust, and ultimately permitted in the next couple of years for uses outlined by chapter 90.90 RCW. The new appropriation will fund new projects that support the progress made to date.

Economic Impact: This project will also provide economic benefits to the state by creating up to 84 jobs during the next two years based on estimates from the Office of Financial Management.

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

New appropriations will allow Columbia River projects to continue, which expands the portfolio of water available to meet the objectives of chapter 90.90 RCW. These projects are needed to meet the economic and community development needs of people and the instream flow needs for fish. It is difficult to secure any new water for out–of–stream uses, due to endangered fish issues and lack of water availability in the Columbia and Snake River Basins. Recent attempts to issue additional water rights have resulted in litigation, and we still don’t know what the impact of that will be. Various studies (including one funded by Ecology and carried out by the National Academy of Sciences) have warned against issuing unmitigated new water appropriations, because of risks to endangered fish in the Columbia River Basin. Continued funding of this program has allowed and will continue to allow the state to work with interest groups across the community to secure new instream and out–of–stream water uses in a cooperative and balanced way. Projects funded through the Program will lead to additional economic activity in communities throughout the region, and allow state government to work in partnership with water stakeholders throughout the region.

Are FTEs required to support this project?

This project requires a total of 4.45 FTEs, including 3.87 FTEs to manage the projects and 0.58 FTEs for Agency Administrative Overhead. Staff will provide project oversight and management, technical assistance and stakeholder coordination to individual projects. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium.

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

Other state agency programs that support economic, community, and agricultural development and that protect and restore fish species will benefit from these projects. The Washington Department of Fish and Wildlife is an active partner in identifying the most critical needs for protecting and enhancing stream flows for fish. The Washington State Conservation Commission (SCC) is managing funds from Ecology's budget related to financing on–farm irrigation efficiency improvements (Capital Budget request Water Irrigation Efficiencies Program – 30000587). Ecology also funds activities directed by the SCC related to securing potential projects through re–timing studies conducted by the conservation districts. Cities and counties in the Columbia River Basin are strong supporters and active partners. The United States Bureau of Reclamation is a funding partner with Ecology in new storage and conservation projects.

As illustrated in Attachment A, Ecology is currently working on a broad range of projects. Just as diverse is the spectrum of partners, beyond those identified above, that are involved in these projects. The portfolio of participants includes, but is not limited to, local conservation districts, irrigation districts, municipal water systems, numerous environmental groups, the Washington Farm Bureau, other agricultural organizations, and local governments. These organizations are involved not only in providing policy guidance, but also as grant recipients and project partners critical to successful implementation of these projects. Funding these projects means this wide range of partners will see new water storage and conservation projects, along with the associated jobs and capital investment critical to their local economies.

What is the impact on the state operating budget?

No impact on the state operating budget.
Description
Why is this the best option or alternative?

This request for newly appropriated funds will allow Columbia River Basin water projects to continue in the 2015-17 biennium. ESSHB 2860 (passed in 2006) and 2SHB 1803 (passed in 2011) resolved many conflicts among competing water users in the Columbia River Basin. This is the only process agreed to by all affected groups. The availability of extensive capital funding was the linchpin to reaching agreement in the Legislature, and led to passage of the bills. Without the capital funding, the agreement among numerous affected groups may not hold together.

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

New appropriation funding is Ecology’s preferred funding strategy to continue the Program projects and achieve further progress on delivering water for agricultural, municipalities, businesses, people, and fish and wildlife in the 2015-17 biennium. Additional projects have been approved for funding and are in negotiation right now. Ecology will use 2015-17 appropriations to provide additional project and grant funding in the next biennium and beyond.

The 2006 Legislature authorized $200 million in bonds to expand available water supply in the basin; provide replacement supplies for existing uses; and improve stream flow conditions within the Columbia and Snake Rivers. Prior to statutory amendments made in 2SHB 1803, the projects were designated as governmental use and funded from non-taxable bond proceeds. Now, projects are recognized as being both governmental and non-governmental in nature and require funding from non-taxable and taxable bond proceeds. The Columbia River Basin Taxable Bond Water Supply Development Account was created to explicitly comply with federal Internal Revenue Service rules and regulation. The regulations allow non-governmental use of bond proceeds to finance the costs of facilities expected to be owned or used by, or to make any loan or grant to the federal government, any nonprofit corporation and any other private entity, such as a business corporation, partnership, limited liability company or association.

Project Type
Grants

Grant Recipient Organization: Local Entities
RCW that establishes grant: Legislative Appropriation
Application process used: Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

Growth Management impacts
None

Funding

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Project Title: Columbia River Water Supply Development Program

**Funding**

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Expected Use of Bond/COP Proceeds

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<tr>
<td>Contact Name:</td>
<td>Jim Skalski</td>
<td>Fax:</td>
<td>Columbia River Basin Water Supply Development Account</td>
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<tr>
<td>Phone:</td>
<td>360-407-6617</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or department? ☑ Yes ☐ No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☑ Yes ☐ No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☑ Yes ☐ No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☑ Yes ☐ No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☑ Yes ☐ No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? ☑ Yes ☐ No

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

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- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
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- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
Page 190 of 522

Recipient

Methow Valley Irrigation
District

1,200,000

USBR

Walla Walla Lease

FDR Lease

9/3/2014

1,000,000

Port of Walla Walla

WDFW support

Fund
10P
296
Total

500,000

1,200,000

150,000

Amount
19,961,623
2,200,000
22,161,623

296

296

10P

10P

10P

10P
10P

1,000,000
1,000,000

10P

1,600,000

10P

10P

1,600,000

1,000,000

10P

2,411,623

10P

10P

1,000,000

1,500,000

10P

10P

3,000,000

2,000,000

10P

Fund

2,000,000

Cost

Dept. Of Fish and
Wildlife

HHH Switzler Storage - TBD
EIS
Various
Water Acquisitions
TBD
Stemilt WRIA 40A
storage study
Ecology OCR Staffing Dept. of Ecology

MVID Instream Flow
Improvement Project

New Water Supply
projects/studies/lease
payments
TBD
Fortis B.C. Storage
Feasibility
Columbia River Off- TBD
Channel Storage
OCR 2016 Supply & Various
Demand Forecast

Various

Walla Walla Integrated Various (Watershed
Council, Port, County,
Planning
etc.)

Planning

Icicle Creek Integrated Chelan County

Coordinated
Conservation CBIDs

Various

Sullivan Lake (MLIRD Pend Oreille PUD
Replacement Funding)

Project ID

Water service contract with USBR to provide water from Lake Roosevelt to end users. The water will
be used to benefit municipal/industrial supply, the Odessa Subarea interruptible water right holders
and instream flows.

The Office of Columbia River (OCR) will issue term permits from 4,761 ac-ft of water leased from the
Port of Walla Walla. The term permits provide water on a temporary basis, allowing time for water
users to find a permanent supply. The term permits expire when the lease expires (up to 10 years).

Agency costs for technical assistance related to implementing capital projects.

Programmatic

Programmatic

Programmatic

Programmatic

Programmatic
Programmatic

Water right acquisitions that support instream and out=of-stream demands.
Water storage study in the Stemilt Basin in WRIA 40.
Agency costs for project management, oversight, technical assistance, financial management and
administration related to implementing capital projects.

Programmatic

Programmatic

Programmatic

Programmatic

Programmatic

Programmatic

Programmatic

Programmatic

Programmatic

Programmatic

Project Category
Description

Development of an Environmental Impact Statement related to storage project.

The project will improve instream flows and fish habitat in the Twisp River, Methow River, and Alder
Creek; provide more reliable and efficient service for irrigators; and provide additional water to Town of
Twisp.

To support this mission, every five years OCR prepares and submits to the Washington State
Legislature a long-term water supply and demand forecast (Forecast). The Forecast provides a
generalized, system-wide assessment of how future environmental and economic conditions are likely
to change water supply and demand by 2030.

Development and coordination of storage project feasibility.

Development and coordination of storage project feasability.

Projects that support instream and out-of-stream demands.

Instream and out-of-stream uses of Icicle Creek supply include fish propagation demand, protection of
instream resources, municipal and other domestic demand and irrigation.

Instream and out-of-stream uses of Icicle Creek supply include fish propagation demand, protection of
instream resources, municipal and other domestic demand and irrigation. In some years (such as
2001), existing needs exceed available supply. In other years, excess supply exists.

The three IDs and OCR jointly agreed to prepare a Coordinated Water Conservation Plan (Plan). The
Plan identifies water conservation projects that allow additional acreage to be served without impacting
the Columbia River or disrupting the water supply to existing acreage.

Replaces funds that were diverted (per Legislature and Governor) to fund repair of the Moses Lake
Irrigation and Reclamation District dam.

Project Description

2015-17 Biennial Request

Ecology 2015-17 Biennial Budget Project List
Office of Columbia River
Columbia River Water Supply Projects

July 2015

July 2015

July 2015

July 2015

July 2015
July 2015

July 2015

July 2015

July 2015

July 2015

July 2015

July 2015

July 2015

July 2015

July 2015

August 2014

Estimated
Start

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO
OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

OCR /CRO & ERO

Prgm/
Region

City

Touchet

Various

Various

TBD
Wenatchee

Benton

Twisp

N/A

Mansfield

N/A

TBD

Walla Walla

Leavenworth

TBD

Grand Coulee Dam Grand Coulee

N/A

Various

Various

Various
Stemilt Loop Road

N/A

Methow Valley
Highway

N/A

N/A

Similkimeen River,
Canada

Various

405 West Main
Street

Fish Hatchery
Road

Various

Sullivan Lake Road Metanine Falls

Site Address

Okanogan

Walla Walla

Various

Various

TBD
Chelan

Benton

Okanogan

N/A

Douglas

N/A

TBD

Walla Walla

Chelan

TBD

Pend Orielle

County

7

16

N/A

N/A

Various
12

16

12

N/A

7,8,9,12,13,
14, 15, 16

7,8,9,12,13,
14, 15, 16

7,8,9,12,13,
14, 15, 16

16

12

8,9

7

Leg. District

-117.28904

Longitude

-118.34496

-120.67366

-119.32329

-120.54169

-119.10984

-120.12136

47.9565

46.11983

-118.98082

-118.89913

No Geographical Location

No Geographical Location

Multiple Project Locations
47.30053 -120.32042

45.96221

48.36802

No Geographical Location

48.01785

49.32191

Multiple Projects

46.06442

47.55849

Multiple Project Locations

48.838859

Latitude

1 of 1


Project Summary

The United States Bureau of Reclamation (USBR) manages conservation improvements required by the Sunnyside Division Water Rights Settlement Agreement in the Yakima Basin Water Rights Adjudication. (State of Washington, Department of Ecology vs. James J. Acquavella, et al.) These are multiyear projects, and Ecology is requesting additional funding to cover our required state match of 17.5 percent of total project costs for the next four or five biennia. Sunnyside Valley Irrigation District (SVID) Phase 2B project cost estimated at $80 million ($14 million Ecology cost share) over a 15 year construction period; Roza project cost estimated at $20 million ($3.5 million Ecology cost share) over a six year construction period. This request includes $3,055 million to continue the construction schedule for the state's share of the Yakima River Basin Water Enhancement Project in the 2015-17 biennium. (State Building Construction Account)

Project Description

What is the proposed project?

The Yakima River below the Sunnyside Diversion Dam has suffered from chronic low streamflows in late summer and early fall. During the 1977 drought, the river below Sunnyside Dam was dry for a week because the entire flow of the river was diverted for irrigation. That year, a federal court ruling required the United States Bureau of Reclamation (USBR) to release water from storage to avoid dewatering salmon nests. After that, the USBR committed to provide water from storage to keep flows of at least 200 cubic feet per second (cfs) in the Yakima River below Sunnyside Dam.

Federal legislation passed in 1994 established minimum operational target flows of 300 to 600 cfs at the Parker gage below Sunnyside Dam. The target in any particular year is tied to the amount of forecast runoff for that year. Provisions were also included to increase the target flows over time through water acquisition and investments in water conservation. Optimal flows for fish in the reach below Sunnyside Dam are about 1,200 cfs. The goal is to increase the target flows over time to benefit and restore fisheries.

The Sunnyside Division Board of Control operates the Sunnyside Canal to irrigate 99,244 acres for the following entities:

- Sunnyside Valley Irrigation District (SVID) – 86,429 acres
- Grandview Irrigation District – 3,941 acres
- Benton Irrigation District – 4,630 acres
- City of Zillah – 106 acres
- City of Sunnyside – 576 acres
- City of Grandview – 271 acres
- City of Prosser – 425 acres
- Kennewick Ditch Company – 2,400 acres
- Piety Flat Ditch Company – 464 acres

The Sunnyside Canal diverts about 1,200 cfs with maximum instantaneous flow set at the canal capacity of 1,316 cfs at the Sunnyside Diversion Dam on the Yakima River near Parker. The return flow for the Parker diversion is in the vicinity of Benton City.

In May 2003, the Superior Court of Washington for Yakima County confirmed the surface water rights of the Sunnyside Division (a division of the federal Yakima Basin Irrigation Project). This was done under a settlement agreement reached by Sunnyside, Ecology, the USBR, and the Yakama Nation. The parties agreed to implement water conservation measures under the Yakima River Basin Water Enhancement Project (YRBWEP) to reduce diversions to the Sunnyside Division from the Yakima River. Reduced diversions will be 100 cfs per year, measured at milepost 0.60 on the Sunnyside Canal. SVID Phase I was for 54 cfs and SVID Phase II was for 46 cfs. Theses phases were funded in previous budgets. Construction of Phase I was completed in 2013. The full 54 cfs instream target flow will be realized April-October 2014. The SVID Phase 2B project in this request will
Description

complete the Phase II work for the 46 cfs. The Roza project will contribute an estimated additional 5,523 acre-feet of water above and beyond the initial SVID Phase I and II savings of 100 cfs per year.

In addition to Sunnyside, all other irrigation districts that receive irrigation water from the USBR Yakima reservoirs are eligible for YRBWEP funding provided they have an approved feasibility study. Districts that have approved feasibility studies are Roza and Kennewick Irrigation Districts. Before a district can receive construction money, they must enter into a reversion reduction agreement to reduce the amount of USBR water that will be delivered to them. Roza is in the final stage of negotiating the reversion reduction agreement and will be receiving construction funding in 2014.

Ecology requests funding for the 2015-17 biennium based on the USBR construction schedule. This includes requests for Roza and the SVID Phase 2B funding.

The YRBWEP sets cost–sharing requirements for eligible projects of 65 percent USBR, 17.5 percent Washington State, and 17.5 percent local participation.

The new funds will provide the state share for the projects described below:

1. SVID Phase 2B – This project consists of piping the remaining laterals over the next 15 years. Total project cost is estimated at $80.0 million (Ecology share is $14.0 million, SVID share is $14.0 million, and USBR cost is $52.0 million). The 2015 –2017 biennium total project cost is estimated at $9.7 million (Ecology $1.7 million, SVID $1.7 million, and USBR $6.3 million).

2. Roza – This overall project consists of final engineering design, environmental review, and constructing a re-regulation reservoir over the next four to five years. A re-regulation reservoir is designed to provide storage within the water distribution system to regulate flows within the system. Without re-regulation reservoirs, the flows down the distribution system would usually need to exceed the estimated amount of water needed by irrigators to assure that all irrigators in the distribution system get their full allotment. Total project cost is estimated at $25.0 million (Ecology share is $4.375 million Roza share is $4.375 million, and USBR share is $16.25 million). 2015–2017 biennium total project cost is estimated at $7.4 million for continuing construction of the re-regulation reservoir (Ecology $1.3 million, Roza $1.3 million, and USBR $4.8 million).

What opportunity or problem is driving this request?

The reason for the project:

This request is required to meet the conservation and diversion reduction goals outlined in the settlement agreement of the Sunnyside Division water right, and will improve stream flows in the Lower Yakima River.

The effects of non-funding:

If funding is not received, Ecology would not be able to fulfill its obligation under the court settlement agreement to fund YRBWEP. This could place future funding (federal match) in jeopardy, delaying achieving water conservation goals and attaining instream flow targets contained in the agreement.

How does the project support the agency and statewide results?

The Yakima River has been identified as one of the fish–critical rivers to improve stream flows to restore threatened (and/or endangered) fish species. This project supports Ecology’s strategic plan priority to Deliver Integrated Water Solutions relating to restoring flows for fish–critical stream segments. The YRBWEP supports the Governor’s priorities of supporting economic development and protecting the environment and the Governors Results Washington Goal 3, Sustainable Energy and a Clean Environment. Through implementing YRBWEP projects, the local economy is maintained as water conservation measures and alternative supplies are made available to the agricultural community. This allows current agricultural practices to continue, while also restoring instream flow.

What opportunity or problem is driving this request?

The reason for the project:

This request is required to meet the conservation and diversion reduction goals outlined in the settlement agreement of the Sunnyside Division water right, and will improve stream flows in the Lower Yakima River.
Sunnyside Valley Irrigation District Water Conservation

Description
Water conservation and increasing instream flows are part of the state water and salmon strategy.

The YRBWEP project supports the following Priority of Government results:

– Improving the quality of natural resources.
– Improving the economic vitality of businesses and individuals.

What are the specific benefits of this project?

Meeting the Sunnyside Diversion reduction requirements will provide an additional 100 cfs per year for instream flows in the Lower Yakima River. This is a critical reach for salmon, due to chronic low flows and high temperatures. Increasing instream flows is an essential part of the strategy to restore threatened fish species in the Yakima basin. These benefits will not require the Sunnyside Division to give up irrigation of any historically irrigated lands or total acreage.

Economic Impact: This project will provide economic benefits to the state, and create up to 11 jobs during the 2015-17 biennium, based on Office of Financial Management estimates.

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

Agricultural interests and local economies that depend on agriculture will benefit from improved instream flows and improved water use efficiency from this project, along with the Yakama Nation and sport and commercial fishers.

Are FTEs required to support this project?

This project requires a total of 0.23 FTEs, including 0.20 FTEs to continue implementing SVID and YRBWEP projects, contract management, oversight, and technical assistance, and 0.03 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium.

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

The Washington Department of Fish and Wildlife and the Yakama Nation joint effort to restore fish in the Yakima River basin will benefit from the higher river flows that will occur as a result of this project. The Sunnyside Division and its component irrigation districts, including Roza, will benefit from a more certain water supply, system automation, and other improvements that will be made on division facilities.

What is the impact on the state operating budget?

None.

Why is this the best option or alternative?

Other options will not meet the court settlement through the USBR. The Sunnyside Division and other eligible irrigation districts within the Yakima Basin are eligible to receive state funding for irrigation system improvements.

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

Ecology will enter into three party agreements with the local irrigation districts and USBR for each share of the total project cost. The Ecology and local share is 17.5 percent each, and the USBR share is 65 percent. USBR will manage the individual construction projects.

Project Type
Grants
**Description**

**Grant Recipient Organization:** Public Agriculture Water Supply Facilities and Federal Gov't Agency  
**RCW that establishes grant:** N/A  
**Application process used**  
Authorization was the Federal Public Law 103 434 and the Yakima Superior Court Adjudication Water Right Settlement.

**Growth Management impacts**  
None

**Funding**

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<td>3,055,000</td>
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<td>0</td>
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<td>0</td>
<td>3,055,000</td>
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**Operating Impacts**

No Operating Impact
**Expected Use of Bond/COP Proceeds**

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<tr>
<th>Agency No.</th>
<th>Agency Name</th>
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<tbody>
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**Contact Name:** Jim Skalski  
**Phone:** 360-407-6617  
**Fax:**  

<table>
<thead>
<tr>
<th>Fund(s) Number</th>
<th>Fund Name:</th>
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<td>057</td>
<td>State Building Construction Account</td>
<td>30000589</td>
<td>Sunnyside Valley Irrigation District Water Conservation</td>
</tr>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  
   - [x] No

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   - [x] No

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   - [ ] No

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- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
Project Title: Watershed Plan Implementation and Flow Achievement

Description

Starting Fiscal Year: 2016
Project Class: Grant - Pass Through
Agency Priority: 12

Project Summary

Significant water supply capital needs have been identified in 29 completed local watershed plans. These plans cover all or parts of 38 statewide Water Resource Inventory Areas (WRIAs) and non-planning basins. Needs include rehabilitating existing water systems, water conservation, and acquiring existing water rights for instream flow and other future needs. Ecology is requesting a new appropriation of $15.0 million to finance capital projects and water acquisition for implementing locally developed watershed plans. These projects and acquisitions will help the state, local governments, and other stakeholders meet future water needs and achieve recommended instream flows. Related to Puget Sound Action Agenda implementation. (State Building Construction Account)

Project Description

What is the proposed project?

Recommendations in the plans from the watershed planning units include new and rehabilitated capital facilities, water storage feasibility studies, water conservation projects, measuring devices, and acquiring water rights. All of these elements will expand the amount of water available within the watersheds to meet current and future needs for water.

There are five specific types of activities that define watershed projects eligible for funding under this program

1. Water Storage. Grants for developing plans, engineering and financing reports, acquiring lands and facilities, and other preconstruction activities associated with developing water storage and groundwater storage and recovery projects.

2. Water Infrastructure or Conservation Improvement. Projects and other water management actions that benefit stream flows and enhance water supply, to resolve conflicts among water needs for municipal water supply, agricultural water supply, and fish restoration. The stream flow improvements and other public benefits secured from these projects must correspond with investment of state funds.

3. Water Monitoring (Metering or Multi-Purpose Stream Flow Gaging). Financial assistance to purchase and install water measuring devices at points of diversion and withdrawal where watershed planning has determined additional water diversion and withdrawal information is needed.

4. Water Rights Acquisition. Funding to acquire water or water rights for achieving instream flow and to establish water banks. Water rights will be purchased or leased to restore stream flows and for other beneficial uses. Water rights purchases and leases will help local communities protect and restore threatened and endangered fish stocks, implement local watershed plans, and meet future water needs. Ecology will focus purchases and leases on fish-critical tributaries in basins where there are opportunities to preserve healthy fish runs and achieve other non-fish related benefits. Acquired water will be protected by placing it into the state’s Trust Water Rights Program (chapters 90.38 and 90.42 RCW). Ecology has developed partnerships with the Washington Water Trust and the United States Bureau of Reclamation to market lease and purchase options to local water purveyors and to negotiate fair market value of water rights.

5. Water Efficiency Improvements. Projects for planning, acquiring, constructing, and improving agricultural water supply facilities and achieving water conservation and water use efficiency improvements. The preliminary project list does not have any projects in this category.

Attachment A is a summary of the preliminary proposals submitted by planning units in August 2014 to help identify the scope and scale of projects statewide. The preliminary list was generated by soliciting local & regional planning organizations for information related to water supply improvements needed in their local community. Formal applications for these projects will be submitted to Ecology beginning in October 1, 2014 through December 31, 2014. Projects not included on the preliminary
Proposal list will be eligible to apply for grant during the formal application window. Ecology will evaluate and score applications based on appropriateness of project costs, water supply conditions, site suitability, matching funds, habitat and instream flow benefits, readiness to proceed, technical merit and other information submitted by applicants. A panel of Ecology experts in watershed and water supply management will use established scoring criteria to review and score applications. A final ranked award list will be available in May 2015. Final award decisions will be based on the individual score an application receives and the total amount of funding available in the enacted 2015-17 Capital Budget.

The reason for the project:

This request focuses on implementing capital improvements called for in locally developed watershed plans funded through chapter 90.82 RCW or other local watershed planning efforts. Ecology is requesting distribution of these funds be left to our discretion so we can respond to the varying needs identified in completed plans. Ecology uses a competitive grant allocation system to distribute the funds. Watershed planning authorizes local planning units to use Ecology grant funding to develop local plans to address water quantity issues in watersheds across the state. The final plans must be approved by the affected county governments. Types of proposed actions reflect all four required and optional elements of watershed planning: water quantity, water quality, instream flows, and habitat. The plans will have recommendations to fund capital improvement projects and other measures, such as increased metering and water acquisition to resolve water quantity issues and to achieve recommended instream flows. No other funding sources have been authorized to date to implement the plans.

Ecology and our local partners continue to use appropriations for watershed plan implementation and flow achievement projects with good success. In 2013-15, Clark Public Utilities was awarded $2.0 million to continue implementing the Phase 2 build-out for the Lower North Fork Lewis River Regional Water Supply System to install three miles of 24 inch water mains. This project will reduce consumption from/dependency on permit-exempt wells. This will increase flows year-round in important salmonid streams. In Eastern Washington, Walla Walla basin received $400,000 to replace broken and obsolete flow meters. The new meters will provide real-time data acquisition to understand the effects of groundwater withdrawals and pumping demand on stream flows. This is essential for proper water and flow management in the basin. In Central Washington, the Beehive Irrigation District was awarded $850,000 to replace an outdated and failing concrete pipe with modern materials that will save roughly 42 acre-feet of water per year that is lost to leakage. Many other basins in the state that are priorities for water supply and instream and out-of-stream delivery solutions received funds for irrigated agriculture infrastructure improvements, water banking/exchanges, metering, and aquifer recharge/recovery projects.

The effects of non-funding:

Implementing watershed plans is critical in meeting the expectations and intended outcomes of watershed planning efforts. Not providing funding to implement watershed plans would delay meeting the goals of watershed planning in relation to improving instream flows. This would have significant negative effects on short and long-term statewide fish recovery and enhancement objectives.

Through June 2014, the Legislature invested $82.3 million from the operating budget for watershed plan development and plan implementation grants and technical assistance from Ecology and the Department of Fish and Wildlife (see note). Another $97 million was invested through June 2014 for instream flow achievement grants from the capital budget. The return on this significant investment would not be fully realized if watershed plan implementation and flow achievement funding support is not provided.

NOTE: This includes operating budget allocations to Ecology for instream flow rule development and adoption, and assistance from the Department of Fish and Wildlife for plan implementation related tasks.

How does the project support the agency and statewide results?

This request is essential to implementing Ecology’s strategic plan because it supports the priority to Deliver Integrated Water
Solutions and the objective to manage the sustainability of water resources. It also supports Ecology’s strategic priority to Protect and Restore Puget Sound by assessing, setting, and achieving instream flows.

This request is essential to supporting the Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment, and Goal 5, Effective, Efficient, and Accountable Government through improving the quality of natural resources; preserving, maintaining, and restoring natural systems and landscapes; creating sustainable use of public resources; and improving the economic vitality of businesses and individuals. This request restores natural systems and landscapes by assessing, setting, and achieving instream flows. It encourages economic vitality through acquiring water, which makes it available to other instream and out of stream purposes.

This request supports Puget Sound Action Agenda implementation through the strategic initiative for protection and restoration of habitat; Strategy A7 to protect and conserve freshwater resources to increase and sustain water availability for instream flows; Sub-Strategy A7.1 to update Puget Sound instream flow rules to encourage conservation; Near-term Action 3, water code compliance and enforcement. This request relates to this Near-term Action by protecting the resource, supporting mitigation, reducing water use, and protecting senior water rights, including instream flows.

What are the specific benefits of this project?

Washington State lacks water where and when it is needed by people and the environment. Population and economic growth, combined with environmental pressures, have created water shortage. These projects will enhance stream flows for fish and benefit local economies by improving water storage and infrastructure; providing financial assistance to purchase and install metering devices; and funding water right acquisition, water purchases, and leases to projects.

Economic Impact: This project will also provide economic benefits to the state by creating up to 51 jobs during the 2015-17 biennium, based on Office of Financial Management estimates.

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

Watershed planning units will receive financial assistance for implementing projects to meet objectives in their watershed plans. Local entities have, in some cases, provided matching funds.

Are FTEs required to support this project?

This project requires a total of 1.50 FTEs, including 0.50 FTEs to oversee project management of the individual conservation projects, 0.80 FTEs to provide technical expertise for storage feasibility studies and water acquisition, and 0.20 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium.

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

Projects will help protect and enhance instream flows (Department of Fish and Wildlife) and provide more certainty for local Growth Management Act planning (Department of Commerce).

What is the impact on the state operating budget?

These capital dollars provide resources to implement local watershed plans funded in the operating budget.

Why is this the best option or alternative?

No other funding source is available specifically for watershed plan implementation.

What is the agency’s proposed funding strategy for the project?
Grant applications will be available in October 2014. Applications will be reviewed, and a final project ranking will be made in May 2015 with funding available in the 2015–17 biennium. No other funding sources have been authorized to date to implement the plans. Ecology proposes funding at the level in this request to provide needed resources for watershed plan implementation capital projects.

**Project Type**
Grants

**Grant Recipient Organization:** Local entities with an adopted watershed plan or other similar type plan.

**RCW that establishes grant:** chapter 98.82 RCW

**Application process used**
A competitive grant process will be used for each of the categories funded through this appropriation.

**Growth Management impacts**
None

### Funding

<table>
<thead>
<tr>
<th>Acct Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>Expenditures Prior Biennium</th>
<th>Current Biennium</th>
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**Future Fiscal Periods**

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<th>Acct Code</th>
<th>Account Title</th>
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<td>057-1</td>
<td>State Bldg Constr-State Total</td>
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<td>15,000,000</td>
<td>15,000,000</td>
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</table>

**Operating Impacts**

No Operating Impact
1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? ☐ Yes ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☑ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
<table>
<thead>
<tr>
<th>Project ID</th>
<th>Recipient</th>
<th>Cost</th>
<th>Project Description</th>
<th>Programmatic</th>
<th>Start Year</th>
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<th>County</th>
<th>Leg. District</th>
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<tr>
<td>WRIA 23 - Water Storage Feasibility Study</td>
<td>Cowlitz Basin Partnership</td>
<td>377,000</td>
<td>This project will assess aquifer storage and recovery (ASR) as a way to meet increasing municipal water demand without impacting instream flows in the Newaukum sub-basin and farther downstream in the upper Chehalis basin. The project is part of a larger hydrogeologic framework being undertaken in the basin in partnership with the USGS. The main focus of the project will be to (1) determine existing water use, (2) determine quality and compatibility of native groundwater and surface water going into the area, and (3) determine the capacity of the ASR. This study will improve salmonid habitat by planning for and maintaining environmental flows and will take 2 years to complete.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>600 Centralia College Blvd, Centralia, WA 98531</td>
<td>Centralia</td>
<td>Lewis</td>
<td>19,20</td>
<td>46.6</td>
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<tr>
<td>WRIA 25 / 26 - Stormwater Management and Control of Abandoned/Foreclosed Development</td>
<td>City of Kalama</td>
<td>94,000</td>
<td>This project will focus on (a) capture and retention of stormwater into a detention facility (b) the remedy of current stormwater discharge from street catch basins to step hillside causing erosion. The current situation is the result of partially constructed infrastructure in a failed phase of a residential development. The subject phase has changed ownership through foreclosure and the preliminary approved subdivision has expired for the parcel. The City of Kalama would like install an alternate design resulting in a stormwater detention and metering system. Additionally, this project addresses Action(s)�2, #60 in the NOAA-approved salmon recovery plan for ESA listed salmon where the City has agreed to develop and implement stormwater management practices needed to protect stream flows and water quality. Review effects of stormwater discharges on stream flow and habitat. Where needed to protect key habitat, implement programs that exceed minimum requirements.</td>
<td>Programmatic</td>
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<td>PO Box 307 Kalama, WA 98625</td>
<td>Kalama</td>
<td>Clallam</td>
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<td>46.4</td>
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<tr>
<td>WRIA 26 - Water Storage Reservoir Improvements</td>
<td>City of Toledo</td>
<td>790,000</td>
<td>This project will focus on constructing a new 0.25 MG water storage reservoir at the existing reservoir site then excavating the existing 0.25 MG storage reservoir to extend it's life and eliminate the high potential for failure based on the recent inspection and clearing that was performed. This is the only reservoir that currently serves the City of Toledo. Structural failure of this facility would not only severely impede the City from serving its water system customers but would seriously damage the adjacent state highway SR 505. Constructing a new reservoir prior to rehabilitating the existing one will allow the City to serve customers and provide fireflow without exceeding current water rights or overtaxing the main well serving the City, providing flexibility for reservoir maintenance/repair/replacement projects. This project could be designed and constructed in 12 to 14 months.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>City of Toledo, 130 N Second Street, P.O. Box 286, Toledo, WA 98591</td>
<td>Toledo</td>
<td>Lewis</td>
<td>15,18,20</td>
<td>46.4</td>
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<tr>
<td>WRIA 30 - Kickut River Watershed</td>
<td>Klickitat County</td>
<td>230,000</td>
<td>An appraisal of the Dry Creek surface reservoir in uppermost headwaters of Little Klickitat River sub basin. Reservoir would be designed to provide instream flow/temperature benefits to entire downstream river (temperature impaired), and provide mitigation water supply for new out-of-stream water rights in the most populated sub basin of WRIA 30. Assessment includes landowner coordination; hydrologic data collection to refine basin yield estimates; fish life analysis (geologic stability, geomorphology, fish habitat, water quality, terrestrial &amp; aquatic habitat, and archeological sites); reservoir administration (to provide instream/out-of-stream supplies); and conceptual engineering/cost estimate.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>127 W. Court St., MS CH 36, Goldendale, WA 98620</td>
<td>Goldendale</td>
<td>Klickitat</td>
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<tr>
<td>WRIA 40A Water Storage Phase 3 Storage Site Selection and Design</td>
<td>Chelan County Natural Resource Department</td>
<td>250,000</td>
<td>The WRIA 40A Planning Unit has identified two alternative sites for new water storage to increase the reliability and capacity of irrigation storage in the Skagit Basin. The Planning Unit will seek the preferred alternative and proceed with design and analysis tasks that will achieve shovel-ready status in anticipation of project funding and construction. Benefits from the project will include potential in stream flow improvements, the ability to take other reserves off line to repair while not disrupting normal operations and overall irrigation efficiency improvements.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>136 Washington St. Suite 401, Wenatchee, WA 98801</td>
<td>Wenatchee</td>
<td>Chelan</td>
<td>13</td>
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<tr>
<td>WRIAs 22 / 23 - Characterization and Numerical Simulation of the Water Resources of the Chehalis River Basin</td>
<td>Chehalis Basin Partnership</td>
<td>535,000</td>
<td>This project will integrate previous project information conducted in the Chehalis (Gendzek, A.S., 2011) into a numerical flow model to assist water resource managers in the development of a long range watershed plan. This model quantifies groundwater availability and sustainability, and simulate potential anthropogenic and climatic impacts on ground water and surface water resources. This numerical flow model will be capable of identifying areas of critical habitat from the perspective of hydraulic connectivity, water temperature, and disconnected channels that are key to juvenile rearing habitat in the Chehalis. This project will take two years to complete.</td>
<td>Programmatic</td>
<td>July 2015</td>
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</table>
| WA-28-3697 | Spokane County | 2,496,000 | Spokane | 3, 4, 6, 7 | Spokane | 47.95 | -117.35 | 09/11/2006 | 06/30/2010 | Project aimed at providing additional late summer flow in the main Spokane River.
| WA-28-3697 | City of Toledo | 2,496,000 | Toledo | PO Box 777 | Toledo | 44.8 | -122.1 | 09/11/2006 | 06/30/2010 | Project focused on advanced land acquisition of two parcels.
| WA-28-3697 | City of Winlock | 990,000 | Winlock | 1200 Fort Vancouver Way Vancouver | Winlock | 46.4 | -122.3 | 09/11/2006 | 06/30/2010 | Project targeting advanced land acquisition of a parcel.
| WA-28-3697 | City of Stevenson | 63,000 | Stevenson | P.O Box 777 | Stevenson | 46.8 | -122.7 | 09/11/2006 | 06/30/2010 | Project focused on advanced land acquisition of a parcel.

### Programmatic Start

#### WA-28-3697
- **Programmatic Start**: 12/01/2006
- **Programmatic End**: 06/30/2010
- **Programmatic Duration**: 06/30/2010 - 12/01/2006

### Project Implementation of Water Management Projects

- **Rock Creek Bridge and Landowner Assistance**: Feasibility study of projects aimed at providing additional late summer flow in the main Spokane River.
- **Surface Water Storage Investigation, West Branch Little Spokane River, April 2009, PBS&J**: Investigated potential surface water storage projects.
- **First Step Storage Assessment, Little and Middle Spokane Watersheds, July 2004, Golder Associates Inc.**: Identified potential storage sites.
- **Feasibility Study of High Water Retention Projects**: Evaluated high water retention project feasibility.

### Water Line Replacement

- **City of Toledo, 130 N Second**: Replacement of water main along State Route 505.
- **City of Winlock**: Replacement of water main along State Route 505.

### Water System Plan Update

- **City of Toledo**: Production of updated water system plan.
- **City of Winlock**: Production of updated water system plan.

### Land Acquisition

- **City of Toledo**: Acquisition of land for water system improvements.
- **City of Winlock**: Acquisition of land for water system improvements.

### Water Line Replacement

- **City of Toledo**: Replacement of water main along State Route 505.
- **City of Winlock**: Replacement of water main along State Route 505.

### Land Acquisition

- **City of Toledo**: Acquisition of land for water system improvements.
- **City of Winlock**: Acquisition of land for water system improvements.
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<th>Project Category</th>
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<th>Prgm/ Region</th>
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<th>City</th>
<th>County</th>
<th>Leg. District</th>
<th>Latitude</th>
<th>Longitude</th>
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</thead>
<tbody>
<tr>
<td>WR-28 Neighborhood Stormwater Facility Assistance</td>
<td>Clark Conservation District</td>
<td>200,000</td>
<td>Stormwater facilities in housing developments are left to the neighborhood to maintain. Many times there is no neighborhood association to implement activities, no expertise to know what to do or how to do it, and no funds to support the work. There are over 900 privately held stormwater facilities in the county, many of which are already failing. This project will focus on developing a prioritized list of private stormwater facilities for restoration and neighborhood education. We will conduct an inventory, prioritize, and complete restoration designs and maintenance plans for neighborhood stormwater facilities. This project is supported by WRA Watershed Plan actions for Clark Conservation District to assist landowners with restoration and protection of riparian functions, habitat, and water quality (Section 6.5.2, Action 153, 973 &amp; 978).</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>PO Box 96, White Salmon, WA 98675</td>
<td>White Salmon</td>
<td>Klickitat</td>
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<tr>
<td>WR-29B - Trout Lake Irrigation Screening, Piping, and Conservation</td>
<td>Underwood Conservation District</td>
<td>500,000</td>
<td>Trout Lake irrigators are interested in installing a fish screen and piping more, f[x]o]ll of all of the system. This would protect fish species, conserve water lost through leaky ditches, protect surface water quality from field runoff (currently 303d listed for fecal coliform), and provide reliable irrigation water for end users. Water meters could be included with the upgrades, since current water use is not measured.</td>
<td>Programmatic</td>
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<td>SWRO</td>
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<td>White Salmon</td>
<td>Klickitat</td>
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<td>-121.65</td>
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<tr>
<td>WR-29B - White Salmon Irrigation District Ditch and Overflow Piping</td>
<td>Underwood Conservation District</td>
<td>300,000</td>
<td>The WSD’s open ditch, diverted from Buck Creek, is aging, leaky, and prone to failure. This project would pipe this ditch as well as the overflow back to Buck Creek, which currently delivers sediment into the White Salmon River, improving flows for fish in Buck Creek.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>PO Box 96, White Salmon, WA 98675</td>
<td>White Salmon</td>
<td>Klickitat</td>
<td>15</td>
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<tr>
<td>WR-29B - White Salmon Irrigation District East Side Pipe Upgrades</td>
<td>Underwood Conservation District</td>
<td>450,000</td>
<td>The WSD’s aging irrigation distribution system is leaky and prone to failure. This project would replace aging pipe and prevent extensive irrigation water leakage and loss.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>PO Box 96, White Salmon, WA 98674</td>
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<tr>
<td>WR-29B - White Salmon Irrigation District Point of Dissection Improvement, Screening, Fish Passage and Spring Improvement</td>
<td>Underwood Conservation District</td>
<td>300,000</td>
<td>The WSD’s point of diversion at Buck Creek needs to be screened, fish passage in the stream needs to be provided at the current diversion dam, and an adjacent spring collection system needs to be improved to reduce sediment delivery to Buck Creek and prevent fish entrapment. The point of diversion would be screened, a roughened channel would be constructed to provide passage and the spring collection system would be reconfigured to protect fisheries and water resources.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>PO Box 96, White Salmon, WA 98674</td>
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<td>Klickitat</td>
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<tr>
<td>WR-40A - Highline Pipeline Replacement Project</td>
<td>Chelan County Natural Resource Department</td>
<td>725,000</td>
<td>Replace approximately 13,300 ft of existing segmented concrete pipeline. By replacing the existing segmented concrete pipeline with a new pipeline approximately 36 ac/ft of water would be saved, which is currently lost to leakage during the irrigation season and an additional 72 ac/ft would not be needed for maintenance flows. This would mean more water in Spilchuck Creek during the low flow period just after irrigation season. Because the pipeline has failed in the past the urgency of the project as related to public safety becomes clear. Failure of the pipe could result in property damage and/or personal injury. A catastrophic failure of the pipeline would also result in the loss of an entire irrigation season for people relying on the Highline Ditch for irrigation water.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>336 Washington St. Suite 401, Wenatchee, WA 98801</td>
<td>Wenatchee</td>
<td>Chelan</td>
<td>12</td>
<td>46.9</td>
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<td>WR-40A - Methow Domestic Water Reservoir Project</td>
<td>Chelan County Natural Resource Department</td>
<td>1,750,000</td>
<td>The project includes construction of up to three domestic water reservoirs to improve the water supply system so it provides adequate water supply for projected domestic water consumption and emergency fire demands. The new reservoir(s) would provide operational, equalizing, standby storage as well as fire flows. They would also relieve pressure from current water resources by providing storage capacity during high flow periods. Construction would take place with in the 2015-17 FY.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>336 Washington St. Suite 401, Wenatchee, WA 98801</td>
<td>Wenatchee</td>
<td>Chelan</td>
<td>12</td>
<td>46.9</td>
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<tr>
<td>WR-40A - Wenatchee Heights Reclamation District Equalization Pond Improvement Project</td>
<td>Chelan County Natural Resource Department</td>
<td>700,000</td>
<td>Currently the Wenatchee Heights Reclamation District’s equalization pond has a only a partial liner, has lost at least 2 ac/ft of holding capacity (total of 10 ac/ft capacity) due to sediment deposits, has no remote monitoring, and uses a rudimentary measuring system for inflow measuring only. The goal of this project would be to remove excess sediment within the pond in order to increase capacity and line the entire pond. Lining would save approximately 36 ac/ft of water per year which is currently lost to seepage. An automated monitoring and flow measuring system would also be installed to maximize the efficiency of the pond.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>336 Washington St. Suite 401, Wenatchee, WA 98801</td>
<td>Wenatchee</td>
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<tr>
<td>WR-40A Domestic Water Infrastructure Improvement Project</td>
<td>Chelan County Natural Resource Department</td>
<td>1,230,000</td>
<td>Replace up to 2,000 feet of pipeline. The existing pipeline to be replaced is deteriorating and requires continuous maintenance. This project would improve reliability and efficiency. It will also save water by replacing the existing leaking infrastructure. Implementation would begin in 2015.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>336 Washington St. Suite 401, Wenatchee, WA 98801</td>
<td>Wenatchee</td>
<td>Chelan</td>
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<tr>
<td>WR-40B - Comprehensive Irrigation Piping and Efficiency</td>
<td>Chelan County Natural Resource Department</td>
<td>1,000,000</td>
<td>Implement irrigation piping projects throughout the Wenatchee Watershed based on priorities identified in the Wenatchee Watershed Plan, Detailed Implementation Plan, and irrigation district plans. Convert open irrigation canal to a closed pipeline. Piping will eliminate seepage and evaporated water loss and water savings will reduce surface water diversions. Project selection, development and implementation will take two years.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>336 Washington St. Suite 401, Wenatchee, WA 98801</td>
<td>Wenatchee</td>
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<tr>
<td>WR-40D - Icicle Creek Water Management Project Implementation</td>
<td>Chelan County Natural Resource Department</td>
<td>1,500,000</td>
<td>Implement a portion of the Icicle Creek integrated project list focused on optimization of existing storage or offsetting existing surface water diversions. The Icicle Work Group will be completing appraisal level studies on the highest priority projects within the next several months that will help determine project feasibility and priorities. Stream flow benefits range from 50-75% low flow seasonal improvements to Icicle Creek and a portion of the mainstem Wenatchee River. Feasibility studies and determination of an integrated project list are expected by the end of 2014. SEPA scoping will likely begin in early 2015.</td>
<td>Programmatic</td>
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<td>CRO</td>
<td>336 Washington St. Suite 401, Wenatchee, WA 98801</td>
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<tr>
<td>WRIA 45 - Mission Creek Instream Flow Improvement</td>
<td>Chelan County Natural Resource Department</td>
<td>1,000,000</td>
<td>Implement water management projects targeted to improve instream flows in Mission, Brender and Yakum Creeks during the low flow critical period. Opportunities exist to implement physical flow augmentation projects to these creeks by converting Mission Creek water users to other sources such as regional water supply or groundwater and implement water conservation and efficiency projects. Flows in Mission Creek are very low so any improvements will have immediate benefits. Implementation of this project will take two years.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>315 Washington St. Suite 401, Wenatchee, WA 98801</td>
<td>Wenatchee</td>
<td>Chelan</td>
<td>12</td>
<td>47.7</td>
<td>-120.75</td>
</tr>
<tr>
<td>WRIA 45 - Wenatchee Chelan County Natural Resource District (WCCO) Riprap</td>
<td>Chelan County Natural Resource Department</td>
<td>4,000,000</td>
<td>Implement an irrigation piping and efficiency project on the Wenatchee-Chelan irrigation District near Plain. Over 22,000 feet of open irrigation ditch will be replaced with corrugated HDPE pipe. This will eliminate seepage loss and will result in reduced surface water diversions from the Chelan River. Water savings will be located in the lower 2.4 miles of the Chelan River and a section of the mainstem Wenatchee River. A preliminary needs assessment is complete and this project could be implemented within two years.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>336 Washington St. Suite 401, Wenatchee, WA 98801</td>
<td>Wenatchee</td>
<td>Chelan</td>
<td>12</td>
<td>47.7</td>
<td>-120.75</td>
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**Sub-Total Infrastructure Projects** | | | | | | | | | | | | | 21,522,000 |

**Water Measuring or Water Use Monitoring Projects**

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<th>Cost</th>
<th>Project Description</th>
<th>Project Category Description</th>
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<th>Prgm/Region</th>
<th>Site Address</th>
<th>City</th>
<th>County</th>
<th>Leg. District</th>
<th>Latitude</th>
<th>Longitude</th>
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<tbody>
<tr>
<td>WRIA 29A - Flow Gauge Re-Calibration and Monitoring</td>
<td>Underwood Conservation District</td>
<td>46,000</td>
<td>This project will implement recommendations in the WRIA 29A DIP to continue efforts of Dept. of Ecology’s SAF program and WRIA 29A planning unit in being informed of stream flows as it pertains to water availability and habitat needs. There are at least seven sites throughout the WRIA that would be monitored: Martha Creek, Trout Creek, Panther Creek, Bear Creek, Rock Creek and the Little White Salmon River, in addition to Ecology’s remaining site on the Wind River at Stabler. Data will be submitted to Ecology and the WRIA 29A planning unit.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>PO Box 96, White Salmon, WA 98672</td>
<td>White Salmon</td>
<td>Klickitat</td>
<td>15</td>
<td>45.85</td>
<td>-121.65</td>
</tr>
<tr>
<td>WRIA 29A - Water Quality Assessment</td>
<td>Underwood Conservation District</td>
<td>83,000</td>
<td>This project will implement recommendations in the WRIA 29A DIP to monitor temperature, sediment, turbidity, fecal coliform and other relevant parameters that affect aquatic habitat and human health.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>PO Box 96, White Salmon, WA 98672</td>
<td>White Salmon</td>
<td>Klickitat</td>
<td>15</td>
<td>45.85</td>
<td>-121.65</td>
</tr>
<tr>
<td>WRIA 32 - WRIA 29A Water Acquisition</td>
<td>Walla Walla Watershed Management Partnership</td>
<td>368,000</td>
<td>To lease and purchase water for instream flow. Provide fisheries benefits for ESA listed steelhead and bull trout, along with spring Chinook, which is important to the local Native American Tribe.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>ERO</td>
<td>200 Taussig Way, Walla Walla, WA 99362</td>
<td>Walla Walla</td>
<td>Walla Walla</td>
<td>16</td>
<td>46.15</td>
<td>-118.3</td>
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**Sub-Total Measuring/Projects** | | | | | | | | | | | | | 374,000 |

**Water Acquisition or Water Bank/Exchange Projects**

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<th>Project ID</th>
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<th>Cost</th>
<th>Project Description</th>
<th>Project Category Description</th>
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<th>County</th>
<th>Leg. District</th>
<th>Latitude</th>
<th>Longitude</th>
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</thead>
<tbody>
<tr>
<td>Kittitas County Water Acquisition / Bank / Exchange</td>
<td>Kittitas County</td>
<td>250,000</td>
<td>A water bank would be used to offset impacts of future development and reduce instream flow impacts during the critical low flow period. Water rights would purchase or acquire senior water rights for their respective rural domestic use programs.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>15 West Yakima Ave, Suite 200, Yakima, WA 98902-3462</td>
<td>Yakima</td>
<td>Yakima</td>
<td>81.31.14.15</td>
<td>No-Geographical Location</td>
<td></td>
</tr>
<tr>
<td>WRIA 29A Stream Team</td>
<td>Underwood Conservation District</td>
<td>150,000</td>
<td>This project will implement recommendations in the WRIA 29A DIP to implement a public information program and conduct habitat projects by supporting a Stream Team program to work with streamside landowners and the general public. The team would implement stewardship and best management practices for the benefit of riparian and aquatic habitats. Work would focus on preserving intact and planting new riparian vegetation, removing noxious weeds, stabilizing streambanks, and enhancing watershed processes to address fish habitat needs, in addition to water temperature (TMDL) concerns in the Wind River. Landowner and public education would be a paramount component of the program to help ensure long-term responsible stewardship of riparian corridors. Volunteers and paid staff would work together to build community around the rivers and streams of WRIA 29A. The project would leverage resources and partners at UCD, Skamania County Noxious Weed Dept., Forest Youth Success, WSU Extension, Lower Columbia Fish Recovery Board, and the WRIA 29A Planning Unit.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>PO Box 96, White Salmon, WA 98672</td>
<td>White Salmon</td>
<td>Klickitat</td>
<td>15</td>
<td>Multiple locations</td>
<td></td>
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<tr>
<td>WRIA 29A - Bank Stabilization and Riparian Habitat Restoration</td>
<td>Underwood Conservation District</td>
<td>200,000</td>
<td>Multiple privately-owned sites along White Salmon River tributaries (including Rattlesnake Creek, Indian Creek, and Buck Creek) are eroding and delivering sediment to the streams, which are now important habitat for rearing anadromous fish (post-Compartment Dam removal). UCD would design and implement streambank stabilization and revegetation measures at these sites.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>PO Box 96, White Salmon, WA 98672</td>
<td>White Salmon</td>
<td>Klickitat</td>
<td>15</td>
<td>Multiple locations</td>
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<td>Project ID</td>
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<tr>
<td>WRRA 29A - Incentivized Riparian Range Riding</td>
<td>Underwood Conservation District</td>
<td>70,000</td>
<td>This project will provide payment incentives to open-range ranchers to ride the cattle out of streams and riparian areas and into upland range areas. Because of fragmented landownership and problems with fence maintenance in forested areas, it is difficult to install riparian fences, however ranchers currently participate in a WDFW-sponsored wolf conflict range riding program. UCD would work with ranchers to monitor riparian area damage, using WSU Osborn's WDI riparian assessment tool, and over time, cattle would become habituated to using upland water troughs, and water quality in the White Salmon River drainage (currently 303b listed for fecal coliform) would improve.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>SWRO</td>
<td>PO Box 95, White Salmon, WA 99872</td>
<td>White Salmon</td>
<td>Klickitat</td>
<td>15</td>
<td>Multiple</td>
<td></td>
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<tr>
<td>WRRA 30 &amp; 31 Water Bank/Exchange</td>
<td>Kittitas County</td>
<td>80,000</td>
<td>Water banking is a high priority water supply management strategy. Action identified in the adopted watershed plans in both WRRA 30 and 31. The purpose of the proposed projects is to develop and pilot a water bank exchange in WRRA 30 and 31.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>127 W. Court St., MS-CH 36 Goldendale, WA 98620</td>
<td>Wenatchee</td>
<td>Chelan</td>
<td>8, 15, 26</td>
<td>No Geographical Location</td>
<td></td>
</tr>
<tr>
<td>WRRA 45 - Mission Creek Water Bank</td>
<td>Chelan County Natural Resource Department</td>
<td>150,000</td>
<td>Establish and implement a water bank for the Mission Creek subwatershed including Yakum and Brenner Creeks. A water bank would be used to offset impacts of future development and reduce stream-flow impacts during the critical low flow period. Evaluation of water right supply demand, establishment of an effective administration and approval process and launching a water bank will take two years to complete.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>316 Washington St. Suite 401 Wenatchee, WA 98801</td>
<td>Wenatchee</td>
<td>Chelan</td>
<td>8, 15, 12, 14</td>
<td>15.15</td>
<td></td>
</tr>
<tr>
<td>Yakima County Water Acquisition / Bank / Exchange</td>
<td>Yakima County Water Acquisition Department</td>
<td>250,000</td>
<td>A water bank would be used to offset impacts of future development and reduce stream-flow impacts during the critical low flow period. Water rights would purchase or acquire senior water rights for their respective rural domestic use programs.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>345 West Yakima Ave, Suite 201 Yakima, WA 98902-3452</td>
<td>Yakima</td>
<td>Yakima</td>
<td>345</td>
<td>-117.35</td>
<td></td>
</tr>
<tr>
<td>WRRA 55 - Little Spokane River Basin Hydrogeologic Modeling</td>
<td>Spokane County Hydrogeologic Department</td>
<td>350,000</td>
<td>Develop a numerical hydrogeologic model that can be utilized to assess changes in the magnitude and timing of river flows resulting from a change in the point of diversion of water right. This model will be utilized in the operation of the Little Spokane River Basin Water Bank.</td>
<td>Programmatic</td>
<td>July 2016</td>
<td>ERO</td>
<td>118 West Broadway, Spokane, WA 99201</td>
<td>Spokane</td>
<td>Spokane</td>
<td>1, 4, 6, 7</td>
<td>-117.35</td>
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<tr>
<td>WRRA 55 - Little Spokane River Basin Water Rights Acquisitions</td>
<td>Spokane County Water Resources Department</td>
<td>500,000</td>
<td>Acquire water rights identified in the Little Spokane Water Bank feasibility study. Acquired water rights will be placed in the Little Spokane River Basin Water Bank for new uses within the basin.</td>
<td>Programmatic</td>
<td>July 2017</td>
<td>ERO</td>
<td>111 West Broadway, Spokane, WA 99201</td>
<td>Spokane</td>
<td>Spokane</td>
<td>1, 4, 6, 8</td>
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<td>Sub-Total Acquisition Projects</td>
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Miscellaneous Projects not fitting above categories

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<th>Project ID</th>
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<th>Project Description</th>
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<th>Prgm/ Region</th>
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<th>City</th>
<th>County</th>
<th>Leg. District</th>
<th>Longitude</th>
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<tbody>
<tr>
<td>Stevenson Storm Water Utility Mapping</td>
<td>City of Stevenson</td>
<td>25,000</td>
<td>This project will focus on collecting and mapping the City’s stormwater conveyance, ditch, and culvert systems in advance of the City’s adoption of a stormwater plan or stormwater utility district. Mapping will occur in an AutoCAD® and GIS-compatible format for ease of future use and identify problem culvert systems for immediate repair. The project addresses recommendations 1.18, 1.21, &amp; 1.34 of the WRRA 29A Management Plan (further explained in 2.4.14, 2.4.17 &amp; 2.4.29) and Action #32 in the NOAA-approved salmon recovery plan for ESA listed salmon’s where the City has agreed to develop and implement stormwater management practices needed to protect stream flows and water quality.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>PO Box 371, Stevenson, WA 98660</td>
<td>Stevenson</td>
<td>Skamania</td>
<td>15</td>
<td>No Geographical Location</td>
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<tr>
<td>WRRA 47 - Lake Chelan Long-term Monitoring Project</td>
<td>Chelan County Natural Resource Department</td>
<td>250,000</td>
<td>The WRRA 47 Planning Unit has developed the draft implementation plan and identified long-term water quality monitoring as the top priority project. The LTMP will require one year of surface water data collection, sampling and analysis to calibrate a water quality model to demonstrate current conditions, predict long-term trends, and assess performance of water quality improvement actions. Implementation of this project would begin in the summer of 2015.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>11180 Washington St. Suite 401 Wenatchee, WA 98801</td>
<td>Wenatchee</td>
<td>Chelan</td>
<td>12</td>
<td>No Geographical Location</td>
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<tr>
<td>WRRA 47 - Lake Chelan Long-term Monitoring Project</td>
<td>Chelan County Natural Resource Department</td>
<td>50,000</td>
<td>The Lake Chelan Planning Unit is developing a framework for a Coordinated Cost Reimbursement Process to process pending water rights under the current Lake Chelan water reserve. This project will allow for the implementation of that process once developed. The processing of vested water rights will ensure the water reserve is not over appropriated and allows for such uses as providing additional fire flows, use by municipalities (City of Chelan) and other uses.</td>
<td>Programmatic</td>
<td>July 2015</td>
<td>CRO</td>
<td>11180 Washington St. Suite 401 Wenatchee, WA 98801</td>
<td>Wenatchee</td>
<td>Chelan</td>
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<td>No Geographical Location</td>
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<td>Sub-Total Miscellaneous Projects</td>
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<td>325,000</td>
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Sub-Total Feasibility Projects 2,496,000
Sub-Total Infrastructure Projects 22,522,000
Sub-Total Measuring Projects 534,000
Sub-Total Acquisition Projects 2,000,000
Sub-Total Miscellaneous Projects 325,000
Total Preliminary Request 27,877,000
**Project Summary**

The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and applied on agricultural lands. Projects funded through the Water Irrigation Efficiencies Program provide improved on-farm water application so water use is more efficient, while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce loss of water through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests a new $8.0 million appropriation as pass-through funds for the Washington State Conservation Commission (SCC) and conservation districts to help the agricultural community implement water conservation measures and irrigation efficiencies projects. (State Building Construction Account)

**Project Description**

**What is the proposed project?**

This request will fund $8.0 million of potential irrigation efficiency projects identified by conservation districts throughout the state. The projects included in this proposal focus on irrigation efficiency projects not requested in other 2015-17 Capital Budget requests for the Columbia River Water Supply Development Program, or the Watershed Plan Implementation and Flow Achievement request. Due to the highly specific nature of water supply solutions in any given basin, Ecology is making separate capital budget requests for those projects.

Conservation districts receiving funds manage cost share agreements with landowners to ensure successful project implementation. The conservation districts also work with Ecology to ensure that a portion of the water saved by water conservation measures or irrigation efficiency projects will be placed as a purchase or lease into the Trust Water Rights Program (TWP) to enhance instream flows either permanently or for the life of improvements.

All irrigation efficiency projects require staff work by the conservation district and Ecology to help the landowner in the project eligibility determination, project design and approval, and net water savings determination. Once this is done, the projects can proceed. The amount of saved water placed into the TWP must be equal to or exceed the percentage of the public investment in the conservation measure or irrigation efficiency. The percentage of the public investment must not exceed 85 percent of the total cost of the conservation measure or irrigation efficiency. When awarding cost share agreements, conservation districts must give first priority to family farms. They must also give first priority to projects in fish critical and water short basins, but may implement projects in other basins if local conditions warrant. Ecology works closely with the SCC when reviewing eligible irrigation efficiency improvement projects.

**Water Irrigation Efficiencies**

See Attachment A for a list of proposed projects requested for the 2015-17 biennium.

**Requested Projects Include:**

1. Dungeness Irrigation District Main Canal $1,000,000
2. Wenatchee-Chiwawa Irrigation Dist. - Wenatchee River $3,200,000
3. WDFW - Frazer Cr/Beaver Cr $120,000
4. Mason - 8-mile Cr/Chewuch River $91,820
5. USFS 8-mile - Chewuch River $136,728
6. WDFW Judd & Shenyer - Methow River $120,000
7. Garden City Ditch - Walla Walla River $500,000
8. Richards $312,500
9. Harrell $200,000
10. Dyk $50,000
Description

- Project support, contract management, project technical assistance and oversight:
  
  Technical Assistance $1,035,000  
  Trust Coordination for Ecology $200,000  
  Irrigation Water Management (See note) $496,452  

Approximate Project Support Costs = $1.7 million  

Total Water Irrigation Efficiencies Program for the 2015-17 biennium is $8.0 million  

NOTE: Irrigation Water Management is a technical assistance activity. But the water savings generated on an annual basis could be used by Ecology, especially in the Columbia River Basin, to issue temporary water rights or shore up interruptible rights on an annual basis. A study of irrigation water management in the Columbia Basin Project area showed a water savings of 17 percent (Columbia Basin Ground Water Management Area – 2005). In the same study area, integrated water management was shown to create a production cost savings averaging $19 per acre when looking at power and fertilizer costs. Integrated water management also slows aquifer drawdown, reduces ground water pollution, increases production yields, offers greater mold and disease control, saves time, and decreases farm fuel usage.

What opportunity or problem is driving this request?

The reason for the project:

The problem driving this request is a significant one: finding sufficient water supplies to meet the needs of people, farms, and fish. There are several approaches to address this problem, one of which involves improving our water use efficiency. Irrigation for farm production uses significant amounts of water, mostly in the arid regions of the state. This water use impacts water needs for fish. This request addresses this problem by working with landowners who use irrigation to improve the water efficiency of their irrigation systems. A portion of the water saved through these projects is placed back instream to help the state meet other resource needs. With this funding, we will take advantage of the opportunity of the interested landowner to make the projects happen successfully.

The effects of non-funding:

If this request is not funded, projects being designed and reviewed would not have funding to proceed. Irrigation efficiencies would not be achieved, and instream flows would not be enhanced. The state would not achieve our resource goals and objectives for water, potentially exacerbating ongoing disputes over water.

How does the project support the agency and statewide results?

This request supports Ecology’s strategic priority Develop Integrated Water Solutions, and the Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment by helping to meet economic and community needs for reliable water supplies, while protecting and enhancing river flows for fish. Also, achieving adequate instream flows and providing water for communities statewide are elements of Ecology’s Strategic Plan to manage the sustainability of water resources. The objective of this request is to continue achieving progress on managing water statewide in a way that helps issue new water rights.
Water Irrigation Efficiencies Program

**Description**

Protects existing water rights from interruption during drought years; and provides water for municipal permits while enhancing instream values by improving stream flows. This request will also strengthen long-term strategic relationships with agriculture, industrial, municipal, and tribal communities in eastern Washington. It also supports the Governor's priority to use Washington's resources wisely (water, forest and fish), and supports salmon.

Irrigation efficiencies support the following Priority of Government (POG) results:

- Improving the quality of natural resources.
- Improve the vitality of businesses and individuals throughout the state through the strategy of vibrant communities.

These projects support the POG natural resource statewide purchase strategy of providing safeguards and standards that reduce human impacts to resources and improve natural systems and the sustainable use of public resources.

This request provides essential support to the Governor's priority of improving economic vitality and restoring natural systems and landscapes.

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

This request provides funding to the agriculture community to make on-farm water conservation and efficiency improvements. Water saved by these investments is placed into the TWP to enhance stream flows. Additional water instream will help restore stream flows for fish and benefit water quality.

Economic Impact: This project will provide economic benefits to the state, and create 33 jobs during the 2015-17 biennium, based on Office of Financial Management estimates.

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

This request will continue a program that has been traditionally funded by the Legislature in prior biennia for on-farm irrigation system improvements. Funding the program will allow Ecology, the SCC, and conservation districts to implement on-farm projects currently planned and for which demand is high. The agriculture community benefits by having more efficient use of water for irrigation, including reduced labor and maintenance costs. This request also directly enhances the quantity of water instream for fish and other instream flow needs.

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

This project requires a total of 1.15 FTEs, including 1.00 FTE of an Environmental Specialist 3 to manage the project and 0.15 FTEs for Agency Administrative Overhead. This is the same level of FTEs supporting this capital project in prior biennia. The 1.00 FTE is required to continue working with conservation districts for a preliminary review of applicant water rights. This will determine the validity of the water rights and assess the net water savings calculation for the irrigation efficiency improvements.

This request also supports 2.0 FTEs at SCC through the funds Ecology passes through to SCC in an interagency agreement.

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

The SCC benefits from additional state funding for irrigation efficiency improvement projects. Local conservation districts, many in Eastern Washington, benefit from enhanced funding availability for efficiency projects. Flow restoration is supported by state and federal fish agencies and tribes.

This request focuses on irrigation efficiency projects not requested in the Columbia River Water Supply Development Program, or the Watershed Plan Implementation and Flow Achievement request. Due to the highly specific nature of water supply solutions in any given basin, Ecology is making separate capital budget requests for those projects.
Description

What is the impact on the state operating budget?
None.

Why is this the best option or alternative?

The Water Irrigation Efficiencies Program has been successful to date in achieving on–farm water conservation and restoring stream flows. The 14 projects included in this request are estimated to return a minimum of 11.25 cubic feet per second of water to streams. Using water more efficiently is the overall best solution to achieving instream flows and still having a viable agriculture industry throughout the state. Other solutions, such as water acquisition and increased water rights enforcement, could take agricultural lands out of production. This would result in negative economic impacts throughout the state.

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

Ecology proposes the Legislature fund the Water Irrigation Efficiencies Program in the 2015-17 biennium using State Building Construction Account funds to support local projects that benefit farmers, conservation districts, and the state’s Trust Water Rights Program (TWP), resulting in increased stream flows. This long–running successful program has provided over 15,754 acre feet of water to be put in the TWP.

The appropriations are provided solely to provide technical assistance and grants to conservation districts for implementing water conservation measures and irrigation efficiencies. Ecology and SCC will give preference in order of priority to projects located in the 16 fish critical basins, other water short basins, and/or basins with significant water resource and/or instream flow issues. Projects that are not within these basins are also eligible to receive funding. Conservation districts statewide are eligible for such grants. A conservation district receiving funds will manage each grant to ensure that a portion of the water saved by the water conservation measure or irrigation efficiency will be placed as a purchase or a lease in the TWRP to enhance instream flows. The proportion of saved water placed in the trust water rights program must be equal to the percentage of the public investment in the conservation measure or irrigation efficiency. The percentage of the public investment may not exceed 85 percent of the total cost of the conservation measure or irrigation efficiency.

Proviso

The appropriation in this section is subject to the following conditions and limitations: 1. The appropriation is provided solely for technical assistance and grants to conservation districts for the purpose of implementing water conservation measures and irrigation efficiencies. The department and the state conservation commission shall give preference in order of priority to projects located in the 16 fish critical basins, other water short basins, and basins with significant water resource and instream flow issues. Projects that are not within basins as described in this subsection are also eligible to receive funding. 2. Conservation districts statewide are eligible for grants listed in subsection (1) of this section. A conservation district receiving funds shall manage each grant to ensure that a portion of the water saved by the water conservation measure or irrigation efficiency will be placed as a purchase or a lease in the trust water rights program to enhance instream flows. The proportion of saved water placed in the trust water rights program must be equal to the percentage of the public investment in the conservation measure or irrigation efficiency. The percentage of the public investment may not exceed eighty-five percent of the total cost of the conservation measure or irrigation efficiency. 3. Up to $300,000 of the appropriation in this section may be allocated for the purchase and installation of flow meters that are implemented in cooperation with the Washington State Department of Fish and Wildlife fish screening program authorized under RCW 77.57.070.

Project Type
Grants
Description

Grant Recipient Organization: Conservation Districts
RCW that establishes grant: Legislative Appropriation

Application process used
Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by SCC and Ecology staff with review by the Department of Fish and Wildlife.

Growth Management impacts
None

Funding

<table>
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Operating Impacts

No Operating Impact
# Expected Use of Bond/COP Proceeds

<table>
<thead>
<tr>
<th>Agency No.</th>
<th>461</th>
<th>Agency Name</th>
<th>Ecology</th>
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<tbody>
<tr>
<td>Contact Name</td>
<td>Jim Skalski</td>
<td>Phone:</td>
<td>360-407-6617</td>
</tr>
<tr>
<td>Fund(s) Number</td>
<td>057</td>
<td>Fund Name:</td>
<td>State Building Construction Account</td>
</tr>
<tr>
<td>Project Number</td>
<td>30000587</td>
<td>Project Title:</td>
<td>Water Irrigation Efficiencies</td>
</tr>
</tbody>
</table>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes ☒ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes ☒ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes ☒ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes ☒ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? □ Yes ☒ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? □ Yes ☒ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? □ Yes ☒ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes ☒ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? □ Yes ☒ No

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

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

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
<table>
<thead>
<tr>
<th>Project Name or Title</th>
<th>Amount</th>
<th>Project Description</th>
<th>County</th>
<th>WRIA</th>
<th>Leg. District</th>
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<td>Dungeness Irrigation District Main Canal</td>
<td>$1,000,000</td>
<td>Ditch to pipe conversion; water savings to Trust for instream flows</td>
<td>Clallam</td>
<td>18</td>
<td>24</td>
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<tr>
<td>Wenatchee-Chiwawa Irrigation Dist. - Wenatchee River</td>
<td>$3,200,000</td>
<td>Ditch to pipe conversion; water savings to Trust for instream flows</td>
<td>Chelan</td>
<td>45</td>
<td>12</td>
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<tr>
<td>WDFW - Frazer Cr/Frazer Cr/Beaver Cr</td>
<td>$120,000</td>
<td>On-farm irrigation efficiency improvements; water savings to Trust for instream flows</td>
<td>Okanogan</td>
<td>48</td>
<td>12</td>
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<tr>
<td>Mason - 8-mile Cr/Chewuch River</td>
<td>$91,820</td>
<td>On-farm irrigation efficiency improvements; water savings to Trust for instream flows</td>
<td>Okanogan</td>
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<td>USFS 8-mile - Chewuch River</td>
<td>$136,728</td>
<td>On-farm irrigation efficiency improvements; water savings to Trust for instream flows</td>
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<td>WDFW Judd &amp; Shenyer - Methow River</td>
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<td>On-farm irrigation efficiency improvements; water savings to Trust for instream flows</td>
<td>Okanogan</td>
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<td>Garden City Ditch - Walla Walla River</td>
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<td>Walla Walla</td>
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<td>Richards</td>
<td>$312,500</td>
<td>~200 acre of rill to sprinkler, Manastash Ck, Class 2, sprinkler will hopefully be pressurized by gravity flow from new pipeline</td>
<td>Kittitas</td>
<td>39</td>
<td>13</td>
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<tr>
<td>Harrell</td>
<td>$200,000</td>
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<td>Dyk</td>
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<td>Albright/Ronning</td>
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<td>Pratt +</td>
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<td>Anderville</td>
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<tr>
<td>Reed Ditch</td>
<td>$312,500</td>
<td>connect to new pressurized pipeline to replace earthen ditch delivery, Manastash Cr.</td>
<td>Kittitas</td>
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<td>Technical Assistance</td>
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<td>Project development, water savings calculations, system design, cultural resource inventory, training, administration and WSCC program staff.</td>
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<td>18,23,29,32,38,39,45,48,49</td>
<td>7,12,13,14,15,16,20,24</td>
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<td>Trust Coordination for Ecology</td>
<td>$200,000</td>
<td>Staff costs</td>
<td>Chelan, Clallam, Kittitas, Okanogan, Thurston, Walla Walla, Yakima</td>
<td>18,23,29,32,38,39,45,48,49</td>
<td>7,12,13,14,15,16,20,24</td>
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<tr>
<td>Irrigation Water Management</td>
<td>$496,452</td>
<td>Costs for additional technical assistance to implement on the ground water management improvements within agricultural lands.</td>
<td>Chelan, Clallam, Kittitas, Okanogan, Thurston, Walla Walla, Yakima</td>
<td>18,23,29,32,38,39,45,48,49</td>
<td>7,12,13,14,15,16,20,24</td>
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</tbody>
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Biennium Total Request: $8,000,000
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Prevent and Reduce Toxic Threats

1. 30000458 Remedial Action Grants
2. 30000426 Coordinated Prevention Grants
3. 30000432 Eastern Washington Clean Sites Initiative
4. 30000430 Swift Creek Natural Asbestos Flood Control
5. 30000538 ASARCO Cleanup
6. 30000428 Reducing Toxic Diesel Emissions
7. 30000490 Leaking Tanks Model Remedies
8. 30000429 Reducing Toxic Woodstove Emissions
9. 19972012 Low-Level Nuclear Waste Disposal Trench Closure
10. 30000431 Waste Tire Pile Cleanup and Prevention
*** This page intentionally blank. ***
Remedial Action (RA) grants are used to help local governments clean up contaminated sites using several priority setting criteria established by rule. One of Ecology’s three environmental goals is to clean up pollution, which is also the top priority for using the Local Toxics Control Account (LTCA), per RCW 70.105D.070. Cleaning up contaminated sites protects the groundwater that serves over half of the state’s population, and it promotes a healthy environment for Washingtonians. Cleaning up contaminated sites can provide other benefits, including:

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

Ecology’s primary tool for helping local governments clean up contaminated sites is the RA grant program. The purpose of this program is to expedite cleanup and redevelopment of contaminated sites and to ease the financial impact of cleanup on local ratepayers and taxpayers. The funding is intended to supplement local government funding and funding from other sources, including insurance and contribution claims.

Ecology worked with local government partners to estimate the 2015-17 local government toxic site cleanup needs. The estimated need, a total state share of $180 million for the biennium, is significantly higher than the funding in this request. This request represents the historical funding level of the program. Ecology is in the process of updating the 2014 Model Toxics Control Act (MTCA) Accounts Ten-Year Financing Plan for publication in September 2014. It will give the Legislature and the public a long-term view of cleanup needs. In the 2012 report, the total RA grant need (state share) for the ten-year period was estimated to be $1.1 billion.

There are five categories of grants included in the 2015-17 request.

- Oversight RA grants (normal and extended) provide funding to local governments that investigate and clean up contaminated sites under an order or decree, and supervised by either Ecology or the U.S. Environmental Protection Agency. For these grants, Ecology normally funds 50 to (maximum) 75 percent of the eligible project costs, depending on the economic status of the community.

In the 2013 legislative session, Second Engrossed Second Substitute Senate Bill (2E2SSB) 5296 authorized Ecology to enter into “extended grant agreements” (EGAs) with local governments if the project extends over multiple biennia and the total eligible costs for the project exceed $20 million. For these projects, Ecology funds up to 50 percent of the eligible project costs. The projects that may be eligible for an EGA in 2015-17 are identified on Attachment A.
Description

– Independent RA grants provide funding to local governments that investigate and clean up contaminated sites independently under Ecology's Voluntary Cleanup Program. For these grants, Ecology funds 50 to (maximum) 75 percent of the eligible project costs depending on the economic status of the community.
– Integrated Planning Grants provide funding to local governments to conduct assessments of contaminated sites and develop integrated project plans for their cleanup and reuse. Ecology may fund up to 100 percent of the eligible project costs.
– Site Assessment Grants provide funding to local public health departments or districts to conduct initial investigations and hazard assessments on behalf of Ecology. Ecology may fund up to 100 percent of the eligible project costs. Ecology uses these assessments to confirm and rank sites in order of hazard or risk compared to other contaminated sites statewide. In the 2013-15 biennium, Ecology is funding 16 public health departments or districts.
– Area-wide Groundwater Investigation Grants provide funding to local governments that investigate groundwater contaminated by hazardous substances from multiple sources. The purpose of these investigations is to identify the sources and facilitate cleaning up the area-wide contamination. For these grants, Ecology may fund up to 100 percent of the eligible project costs.

Please see Attachment A for a prioritized list of projects that will be funded with this request.

What opportunity or problem is driving this request?

The reason for the project:

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

The effects of non-funding:

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

How does the project support the agency and statewide results?

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

This request supports the Puget Sound Action Agenda implementation through strategy C9 "Address and clean up cumulative water pollution impacts in Puget Sound," substrategy c9.2 "Clean up contaminated sites within and near Puget Sound." This request relates to the Puget Sound Action Agenda strategy and substrategy by reducing and controlling the sources of pollution. Ecology's work to cleanup areas contaminated with hazardous substances returns a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem. Through the RA grant program, Ecology works in partnership with local governments to fund remedial actions at contaminated sites in Puget Sound.

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

Goal 3/Goal Topic/Sub-Topic: Sustainable Energy and a Clean Environment/Clean and Restored Environment Keep our land, water and air clean/Healthy Lands

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

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

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

What are the specific benefits of this project?

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

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

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

Economic Impact: This project will also provide economic benefits to the state by creating up to 349 jobs during the next two years based on Office of Financial Management estimates.

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

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

Ecology has been working to improve the cleanup process and rule changes needed to address RA grant program changes required by 2E2SSB 5296.

Ecology’s Toxics Cleanup Program is engaged in a program-wide effort to tighten RA grant spending plans and implement standard practices to streamline and expedite the cleanup process. Beginning in 2012 with Lean analysis of RA grant spending, the program has two tracks to move cleanup projects forward more quickly. One track is to ensure grant applications are complete the first time and that spending is accelerated in the first biennium funds are granted. The other track is to set expectations for cleanup project management and develop project management tools to reduce the time it takes to review and approve key project documents and move through the cleanup process. Ecology established targets of two years for the first phase of the cleanup (completing the remedial investigation and feasibility study); three years for the second phase (completing the cleanup action); and a single review cycle for key project documents.

Since fall 2013, Ecology has been engaged in rule development to amend the rules governing the RA grant program. The rules are in chapter 173-322 WAC. The purpose of the rule changes are to:

1. Implement changes to MTCA passed by the Legislature in 2013. The legislation established new funding priorities for the program and directed Ecology to make several changes to the program, including:

   – Enter into extended grant agreements with local governments for projects exceeding $20 million and occurring over
Description

- multiple budget cycles. Such projects will receive priority for grant funds.
  - Provide integrated planning grants to local governments for studies that facilitate cleaning up and reusing contaminated sites.
  - Provide area-wide groundwater remedial action grants without requiring local governments to be a potentially liable person or seek reimbursement of grant funds from such persons.
  - Enter into grant agreements with local governments before they acquire or secure access to a property, provided they include a schedule.
  - Provide periodic reimbursement of the costs of independent remedial actions.
  - Implement cash management principles to ensure budgeted funds are put to work.

2. Make other appropriate changes to the requirements governing RA grants and loans (such as updating funding limits and recipient match requirements).

3. Streamline existing requirements, clarify rule language, and improve consistency with other requirements in the chapter or with other state and federal laws and rules (such as coordinating with agencywide efforts to streamline and standardize grant processes).

Are FTEs required to support this project?

This project requires a total of 2.88 FTEs, including 2.00 FTEs to manage the project, 0.50 FTEs for agencywide capital budget coordination and cash management, and 0.38 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium.

The RA grant program has two full-time grant administrators managing 90 grants. They are responsible for grant writing, invoice review and approval, and grant status reporting. This core work assures prudent oversight and careful financial management of state funds. The grant administrators also provide technical expertise to program development and policy work and to agencywide projects. For the 2013 RA grant program rule changes, their input and review on policy documents was critical to ensure the new direction could be implemented.

Their responsibilities have also changed and increased in the past year while Ecology is transitioning to a new grant and loan system. The grant administrators have been active participants in the system's development and are the leads for training grant recipients and Toxics Cleanup Program staff.

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

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

What is the impact on the state operating budget?

No impact to the Operating Budget.

Why is this the best option or alternative?

One of Ecology’s three environmental goals is to clean up pollution, and the RA grant program is the top priority for use of the LTCA per RCW 70.105D.070.

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

This request is consistent with the purposes of the Model Toxics Control Act (MTCA), chapter 70.105D RCW, which allows LTCA to fund it. The main purpose of MTCA is to raise sufficient funds to clean up all hazardous waste sites and to prevent the
**Description**

Creation of future hazards due to improper disposal of toxic wastes into the state’s lands and waters. To do this work, a tax is assessed on hazardous materials, including petroleum products, pesticides, and some chemicals. The tax is deposited in the State Toxics Control Account (STCA), LTCA, and the Environmental Legacy Stewardship Account (ELSA).

With the passage of 2E2SSB 5296 in the 2013 legislative session, Hazardous Substance Tax revenues will be deposited in the STCA and LTCA up to a limit of $280 million per biennium. Any revenues exceeding $280 million will be attributed to ELSA. MTCA prioritizes RA grants to local governments from the LTCA.

The ten-year plan in this request carries forward the 2015-17 budget request level. Local government needs for RA grants far exceed the available funding available from the state. A ten-year plan estimate will be available in the updated 2014 MTCA Accounts Ten-Year Financing Plan report in September 2014.

**Location**
- **City:** Statewide
- **County:** Statewide
- **Legislative District:** 098

**Project Type**
- Grants

**Grant Recipient Organization:** Local Governments

**RCW that establishes grant:** chapter 70.105D RCW

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

**Growth Management impacts**
- Supports redevelopment of brownfield properties in urban areas.

**Funding**

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<td>2017-19</td>
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<tr>
<td>75,000,000</td>
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**Operating Impacts**
- No Operating Impact
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Summary
Grant funding to local health departments or districts to perform site assessments for Ecology. The site assessments identify the locations of areas where hazardous substances are known or suspected; identify the hazardous substances that were released or are threatened to be released; gather evidence confirming a release or threatened release of hazardous substances; and describe the facilities containing the releases and their conditions.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

<table>
<thead>
<tr>
<th>Acct Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>Expenditures</th>
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**Project Description**
Grant funding to local governments who cleanup contaminated properties through Ecology's Voluntary Cleanup Program.

**Location**
City: Statewide
County: Statewide
Legislative District: 098

**Project Type**
Grants
Remedial Action Grants

SubProjects

SubProject Number: 30000460
SubProject Title: Independent Remedial Action Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

Funding

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Operating Impacts

No Operating Impact
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
Grant funding to redevelop contaminated properties.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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SubProjects

SubProject Number: 30000461
SubProject Title: Integrated Planning Grants

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Operating Impacts
No Operating Impact

SubProject Number: 30000462
SubProject Title: Areawide Groundwater

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

Project Summary
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
Grant funding to local governments that investigate groundwater contaminated by hazardous substances from multiple sources. The purpose of these investigations is to identify the sources and facilitate the cleanup of the area-wide contamination.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants
SubProjects

SubProject Number: 30000462
SubProject Title: Areawide Groundwater

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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Operating Impacts
No Operating Impact

SubProject Number: 30000463
SubProject Title: Grant Management Costs
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
Funding for the administration of the remedial action grant program. Administration includes writing all grant agreements; reviewing and approving all invoices; and grant status reporting. 2.9 FTE are needed for grant administration, central budget office capital support and agency administrative overhead.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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SubProjects

SubProject Number: 30000463
SubProject Title: Grant Management Costs

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Operating Impacts

No Operating Impact

SubProject Number: 30000464
SubProject Title: Tiger Oil 24th and Nob Hill, City of Yakima

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

Project Summary

Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description

This project would fund the cleanup efforts at a site with significant free product in a prime economic redevelopment area.

Location

City: Yakima  County: Yakima  Legislative District: 015

Project Type

Grants
SubProjects

SubProject Number: 30000464
SubProject Title: Tiger Oil 24th and Nob Hill, City of Yakima

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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Future Fiscal Periods

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Operating Impacts

No Operating Impact
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**Project Description**

This project provides matching grant funds to conduct additional remedial actions to complete cleanup.

**Location**

City: Pasco  
County: Franklin  
Legislative District: 016

**Project Type**

Grants

**Grant Recipient Organization:** Local Governments

**RCW that establishes grant:** chapter 70.105D RCW

**Application process used**

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

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

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**Project Title:** Remedial Action Grants

### SubProjects

**SubProject Number:** 30000465  
**SubProject Title:** Port of Pasco

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**Operating Impacts**

No Operating Impact

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**SubProject Number:** 30000466  
**SubProject Title:** Port of Tacoma

**Starting Fiscal Year:** 2016  
**Project Class:** Grant  
**Agency Priority:** 6

**Project Summary**

Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

**Project Description**

This project provides matching funds to the port to complete the remedial investigation and feasibility study and complete an interim action to remove the remaining arsenic contaminated soil along the shoreline Hylebos Waterway at the Arkema Mound site.

**Location**

- **City:** Tacoma  
- **County:** Pierce  
- **Legislative District:** 027

**Project Type**

Grants
Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW
Application process used
(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology’s budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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Operating Impacts
No Operating Impact

SubProject Number: 30000467
SubProject Title: Port of Everett
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
This project provides additional matching grant funds for the ongoing site investigation and cleanup activities for multiple sites at the Port of Everett - upland and sediment cleanup. Sites include Weherhaeuser Mill A (FSID 1884322); Bay Wood Products (FSID 4438651); Ameron/Hulbert (FSID 68853261); Everett Shipyard (FSID 2794); East Waterway (FSID 2733).

Location
City: Everett
County: Snohomish
Legislative District: 038

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
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Project Description
This project provides matching grant funds for the on-going site investigation and cleanup activities at the City of Bothell Crossroads, Bothell Landing, Bothell Paint and Decoration, and Bothell Riverside sites.

Location
City: Bothell  County: King  Legislative District: 001

Project Type
Grants
Grant Recipient Organization:  Local Governments

RCW that establishes grant: chapter 70.105D RCW

Application process used

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

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

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Operating Impacts

No Operating Impact

SubProject Title:  Remedial Action Grants
SubProject Number:  30000458

SubProjects

SubProject Title:  City of Bothell
SubProject Number:  30000468

SubProject Title:  Ephrata Landfill
SubProject Number:  30000469
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

### Project Description

This project provides matching grant funds to conduct additional remedial actions to complete cleanup.

### Location

- **City:** Ephrata
- **County:** Grant
- **Legislative District:** 013

### Project Type

- **Grant Recipient Organization:** Local Governments
- **RCW that establishes grant:** chapter 70.105D RCW
- **Application process used:**
  1. Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology’s budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

### Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

### Funding

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SubProjects

SubProject Number: 30000469
SubProject Title: Ephrata Landfill

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Operating Impacts

No Operating Impact

SubProject Number: 30000470
SubProject Title: Sudbury Road Landfill

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

Project Summary

Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description

This project provides matching grant funds to conduct additional remedial actions to complete cleanup.

Location

City: Walla Walla  County: Walla Walla  Legislative District: 016

Project Type

Grants
SubProjects

SubProject Number: 30000470
SubProject Title: Sudbury Road Landfill

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.105D RCW

Application process used

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

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

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Operating Impacts

No Operating Impact

SubProject Number: 30000471
SubProject Title: Port of Port Angeles - K Ply
Remedial Action Grants

Project Number: 30000458
Project Title: Remedial Action Grants

SubProjects

SubProject Number: 30000471
SubProject Title: Port of Port Angeles - K Ply

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

Project Summary
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
Implement cleanup action plan to complete cleanup of the K Ply site.

Location
City: Port Angeles
County: Clallam
Legislative District: 024

Project Type
Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas

Funding

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Expenditures 2015-17 Fiscal Period: 1,500,000
SubProjects

SubProject Number: 30000471
SubProject Title: Port of Port Angeles - K Ply

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Operating Impacts

No Operating Impact

SubProject Number: 30000472
SubProject Title: City of Bothell

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

Project Summary
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
This project provides matching grant funds for the on-going site investigation and cleanup activities at the City of Bothell - Bothell Service Center site.

Location
City: Bothell
County: King
Legislative District: 001

Project Type
Grants
SubProjects

SubProject Number: 30000472
SubProject Title: City of Bothell

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

### Funding

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### Expenditures

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### Operating Impacts

No Operating Impact
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Summary
This project provides additional matching grant funds for the on-going site investigation and cleanup activities for multiple sites at the Port of Anacortes - upland and sediment cleanup. Sites include former Scott Paper Mill (FSID 8122259); Cap Sante Marine (FSID 6753227); former Shell Tank Farm (FSID 4781157); Log Haul Out (FSID 21898438); Dakota Creek Shipyard (FSID 2670); Quiet Cove in Fidalgo Bay.

Location
City: Anacortes
County: Skagit
Legislative District: 040

Project Type
Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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SubProjects

SubProject Number: 30000473
SubProject Title: Port of Anacortes

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Operating Impacts

No Operating Impact

SubProject Number: 30000474
SubProject Title: Port of Olympia - Budd Inlet Sediments

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

Project Summary

Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description

The project provides matching grant funds to begin sediment cleanup of Port of Olympia's shipping berths in Budd Inlet including design and permitting phases of the cleanup.

Location

City: Olympia
County: Thurston
Legislative District: 022

Project Type

Grants
SubProjects

SubProject Number: 30000474
SubProject Title: Port of Olympia - Budd Inlet Sediments

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW
Application process used
(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology’s budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

Funding

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Operating Impacts

No Operating Impact

SubProject Number: 30000475
SubProject Title: Port of Port Angeles
Project Number: 30000458
Project Title: Remedial Action Grants

SubProjects

SubProject Number: 30000475
SubProject Title: Port of Port Angeles

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

Project Summary
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
This project provides matching grant funds for the Western Port Angeles Harbor site to conduct a remedial investigation/feasibility study for this contaminated sediments site.

Location
City: Port Angeles
County: Clallam
Legislative District: 024

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW
Application process used
(1) Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants. (2) Legislative Action. Projects are ranked and included in Ecology’s budget for legislative action. (3) Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested. (4) Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

Growth Management impacts
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### SubProjects

#### SubProject Number: 30000475
SubProject Title: Port of Port Angeles

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### Operating Impacts

No Operating Impact

#### SubProject Number: 30000476
SubProject Title: Port of Tacoma

- **Starting Fiscal Year:** 2016
- **Project Class:** Grant
- **Agency Priority:** 6

**Project Summary**

Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

**Project Description**

This project provides additional matching grant funds for the on-going site investigation and cleanup activities for multiple sites at the Port of Tacoma. Sites include the Earley Business Center (FS ID 9762715), Alexander Ave. Petroleum tank facilities (FS ID 1377), and Portac (FS ID 1215).

**Location**

- **City:** Tacoma
- **County:** Pierce
- **Legislative District:** 027

**Project Type**

Grants
SubProjects

SubProject Number: 30000476
SubProject Title: Port of Tacoma

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.105D RCW

Application process used

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

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

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Operating Impacts

No Operating Impact

SubProject Number: 30000477
SubProject Title: City of Bellingham
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
This project would provide matching funds to complete the RG Haley upland and in-water sediment cleanup.

Location
City: Bellingham  County: Whatcom  Legislative District: 040

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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Remedial Action Grants

**SubProjects**

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**Operating Impacts**

No Operating Impact

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**SubProject Number:** 30000478

**SubProject Title:** Skagit County Jail

**Starting Fiscal Year:** 2016

**Project Class:** Grant

**Agency Priority:** 6

**Project Summary**

Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

**Project Description**

This project provides funds to complete the investigation and cleanup of the historical Truck City Truck Stop site so a county jail can be constructed and operated at this location.

**Location**

- **City:** Mount Vernon
- **County:** Skagit
- **Legislative District:** 010

**Project Type**

Grants
Application process used

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

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

### Funding

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### Operating Impacts

No Operating Impact
Project Number: 30000458
Project Title: Remedial Action Grants

**SubProjects**

SubProject Number: 30000479
SubProject Title: Port of Bellingham

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

**Project Summary**

Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

**Project Description**

This project would provide funds to continue cleanup activities at the Harris Ave Shipyard site.

**Location**

City: Bellingham
County: Whatcom
Legislative District: 040

**Project Type**

Grants

**Grant Recipient Organization:** Local Governments

**RCW that establishes grant:** chapter 70.105D RCW

**Application process used**

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

4. Agreement development. Ecology uses the information in the application to negotiate with the applicant the final scope of work and budget for the grant and develop the agreement.

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

**Funding**

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SubProjects

SubProject Number: 30000479
SubProject Title: Port of Bellingham

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Operating Impacts

No Operating Impact

SubProject Number: 30000480
SubProject Title: Port of Bellingham

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

Project Summary
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
This project would provide funds to continue cleanup activities at the GP West Mill site.

Location
City: Bellingham
County: Whatcom
Legislative District: 042

Project Type
Grants
**SubProjects**

**SubProject Number:** 30000480  
**SubProject Title:** Port of Bellingham

**Grant Recipient Organization:** Local Governments  
**RCW that establishes grant:** chapter 70.105D RCW  

**Application process used**

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

**Growth Management impacts**

Supports redevelopment of brownfield properties in urban areas.

**Funding**

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**Future Fiscal Periods**

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**Operating Impacts**

No Operating Impact
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
The project provides matching grant funds for upland and surface water cleanup at the Lora Lake site. This funding would complete the project.

Location
City: Burien
County: King
Legislative District: 033

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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SubProjects

SubProject Number: 30000481
SubProject Title: Port of Seattle

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Operating Impacts

No Operating Impact

SubProject Number: 30000482
SubProject Title: Kitsap County

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

Project Summary

Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description

This project provides additional matching grant funds for the on-going site investigation and cleanup activities at the Hansville Landfill - upland soil and groundwater cleanup.

Location

City: Unincorporated
County: Kitsap
Legislative District: 023

Project Type

Grants
SubProjects

SubProject Number: 30000482
SubProject Title: Kitsap County

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

Funding

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Operating Impacts

No Operating Impacts
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Summary
This project provides additional matching grant funds for the on-going site investigation and cleanup activities at the Port of Seattle. Terminal 30 - Port of Seattle - upland and sediment cleanup.

Location
City: Seattle
County: King
Legislative District: 011

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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Project Number: 30000458
Project Title: Remedial Action Grants

SubProjects

SubProject Number: 30000483
SubProject Title: Port of Seattle

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Operating Impacts
No Operating Impact

SubProject Number: 30000484
SubProject Title: Port of Seattle

Starting Fiscal Year: 2016
Agency Priority: 6

Project Class: Grant

Project Summary
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
This project provides additional matching grant funds for the on-going site investigation and cleanup activities at the Port of Seattle, Terminal 91 site. Port of Seattle - former tank farm cleanup.

Location
City: Seattle
County: King
Legislative District: 036

Project Type
Grants
Application process used

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

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

Funding

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Future Fiscal Periods

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Operating Impacts

No Operating Impact
Remedial Action Grants

**Project Number:** 30000458
**Project Title:** Remedial Action Grants

**SubProjects**

**SubProject Number:** 30000485
**SubProject Title:** Port of Seattle

**Starting Fiscal Year:** 2016
**Project Class:** Grant
**Agency Priority:** 6

**Project Summary**
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

**Project Description**
This project provides matching grant funds for the on-going site work for the Port's Terminal 115N remedial investigation/feasibility study.

**Location**

- **City:** Seattle
- **County:** King
- **Legislative District:** 034

**Project Type**
Grants

**Grant Recipient Organization:** Local Governments

**RCW that establishes grant:** chapter 70.105D RCW

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

**Growth Management impacts**
Supports redevelopment of brownfield properties in urban areas.

**Funding**

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SubProjects

SubProject Number: 30000485
SubProject Title: Port of Seattle

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Operating Impacts
No Operating Impact

SubProject Number: 30000486
SubProject Title: Port of Bellingham

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 6

Project Summary
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
This project would provide funds to continue cleanup activities at the Central Waterfront site.

Location
City: Bellingham
County: Whatcom
Legislative District: 042

Project Type
Grants
SubProjects

SubProject Number: 30000486
SubProject Title: Port of Bellingham

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.105D RCW

Application process used

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

Growth Management impacts

Supports redevelopment of brownfield properties in urban areas.

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Operating Impacts

No Operating Impact

SubProject Number: 30000487
SubProject Title: Port of Bellingham
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
This project would provide funds to continue cleanup at the Cornwall Ave Landfill site.

Location
City: Bellingham  County: Whatcom  Legislative District: 040

Project Type
Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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Project Description
This project would provide funds to continue site remedial actions at the I&J Waterway site.

Location
City: Bellingham
County: Whatcom
Legislative District: 042

Project Type
Grants

SubProjects

SubProject Number: 30000487
SubProject Title: Port of Bellingham

Future Fiscal Periods

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Operating Impacts
No Operating Impact
SubProjects

SubProject Number: 30000488
SubProject Title: Port of Bellingham

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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Operating Impacts

No Operating Impact

SubProject Number: 30000489
SubProject Title: Seattle Public Utilities
Project Summary
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
This project provides matching grant funds for the on-going site investigation and cleanup activities for both upland and in water at the Gas Works Park site.

Location
City: Seattle
County: King
Legislative District: 043

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

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

Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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Total: 7,000,000
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water. Ecology is requesting appropriation for pass-through grants to fund ready-to-proceed projects and actual spending requirements for the 2015-17 biennium. This request will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land, and water resources of the state and continue cleaning up Puget Sound. This grant funding will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Local Toxics Control Account)

Project Description
The ten-year plan in this request carries forward the 2015-17 budget request level. Local government needs for RA grants far exceed the available funding available from the state. A ten-year plan estimate will be available in the updated 2014 MTCA Accounts Ten-Year Financing Plan report in September 2014.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants
SubProjects

SubProject Number: 30000645
SubProject Title: Remedial Action Grants Ten-Year Financing Plan

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

Application process used:
1. Project solicitation. Biennially, Ecology will solicit project proposals from local governments to develop its budget and update its ten-year financing plan for RA grants.
2. Legislative Action. Projects are ranked and included in Ecology’s budget for legislative action.
3. Application submittal. Once the budget is passed by the Legislature, applicants are notified and required to complete a detailed application. Applications must be submitted on electronic forms provided by Ecology. For multi-biennial oversight RA grant projects, an application must be submitted before each biennium for which additional funds are requested.
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Growth Management impacts
Supports redevelopment of brownfield properties in urban areas.

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Operating Impacts

No Operating Impact
Page 270 of 522

Tiger Oil 24th and Nob
Hill, City of Yakima

Port of Pasco

N/A

N/A

N/A

N/A

469

579

1219

2

3

4

5

6

7

8

Ephrata Landfill

Port of Bellingham

2922

14

21

22

24768

26

31

139

Total 2015-17
Budget Request

Seattle Public Utilities

Project Description

Cleanup Category Description

Other

Other

Smelters & Foundries

Bulk Fuel Storage and Handling

Leaking Underground Storage Tanks

Other

7,000,000 This project provides matching grant funds for the on-going site investigation and cleanup activities for both
upland and in water at the Gas Works Park site.

1,000,000 This project would provide funds to continue site remedial actions at the I&J Waterway site.

4,000,000 This project would provide funds to continue cleanup at the Cornwall Ave Landfill site.

3,800,000 This project would provide funds to continue cleanup activities at the Central Waterfront site.

250,000 This project provides additional matching grant funds for the on-going site investigation and cleanup activities
at the Hansville Landfill - upland soil and groundwater cleanup.
600,000 This project provides additional matching grant funds for the on-going site investigation and cleanup activities
at the Port of Seattle. Terminal 30 - Port of Seattle - upland and sediment cleanup.
3,500,000 This project provides additional matching grant funds for the on-going site investigation and cleanup activities
at the Port of Seattle, Terminal 91 site. Port of Seattle - former tank farm cleanup.
1,000,000 This project provides matching grant funds for the on-going site work for the Port's Terminal 115N remedial
investigation/feasibility study.

5,000,000 The project provides matching grant funds for upland and surface water cleanup at the Lora Lake site. This
funding would complete the project.

4,000,000 This project would provide funds to continue cleanup activities at the GP West Mill site.

600,000 This project would provide funds to continue cleanup activities at the Harris Ave Shipyard site.

site so a county jail can be constructed and operated at this location.

Petroleum and petroleum
d t lik
li
Dioxins

Manufactured Gas; Power Generation

Carcinogenic polyaromatic
hydrocarbons (cPAHs like
benzo(a)pyrene))

Landfills and Hazardous Waste
Facilities
Misc. Industrial & Commercial Activities Dioxins

Bulk Fuel Storage and Handling

Landfills and Hazardous Waste
Solvents (such as DCE,
Facilities
TCE, PCE)
Misc. Industrial & Commercial Activities Solvents (such as DCE,
TCE, PCE)
Misc. Industrial & Commercial Activities Solvents (such as DCE,
TCE, PCE)
Misc. Industrial & Commercial Activities Polychlorinated biphenyls
(PCBs)

products like gasoline,
diesel, oil (TPH)
Marine Services
Metals (such as arsenic,
chromium, copper, lead,
mercury, nickel, zinc)
Misc. Industrial & Commercial Activities Metals (such as arsenic,
chromium, copper, lead,
mercury, nickel, zinc)
Misc. Industrial & Commercial Activities Dioxins

Carcinogenic polyaromatic
h
d
b and( petroleum
PAH lik
Petroleum

Other

Misc. Industrial & Commercial Activities Dioxins

Misc. Industrial & Commercial Activities Dioxins

800,000 This project provides additional matching grant funds for the on-going site investigation and cleanup activities Other
for multiple sites at the Port of Tacoma. Sites include the Earley Business Center (FS ID 9762715), Alexander
Ave. Petroleum tank facilities (FS ID 1377), and Portac (FS ID 1215).
3,000,000 This project would provide matching funds to complete the RG Haley upland and in-water sediment cleanup. Landfills and Hazardous Waste
iliti Underground Storage Tanks
2,000,000 This project provides funds to complete the investigation and cleanup of the historical Truck City Truck Stop F
Leaking

750,000 This project provides matching grant funds for the Western Port Angeles Harbor site to conduct a remedial
investigation/feasibility study for this contaminated sediments site.

6,250,000 The project provides matching grant funds to begin sediment cleanup of Port of Olympia's shipping berths in
Budd Inlet including design and permitting phases of the cleanup.

3,000,000

1,700,000

1,500,000

2,250,000

Landfills and Hazardous Waste
Facilities
Landfills and Hazardous Waste
Facilities
Wood Products Manufacturing

Other

Other

Metals (such as arsenic,
chromium, copper, lead,
mercury, nickel, zinc)

Petroleum and petroleum
products like gasoline,
diesel, oil (TPH)
Petroleum and petroleum
products like gasoline,
diesel, oil (TPH)

Other

Other

Other

Other

Other

Contaminants

Solvents (such as DCE,
TCE, PCE)
This project provides matching grant funds to conduct additional remedial actions to complete cleanup.
Solvents (such as DCE,
TCE, PCE)
Implement cleanup action plan to complete cleanup of the K Ply site.
Petroleum and petroleum
products like gasoline,
diesel, oil (TPH)
This project provides matching grant funds for the on-going site investigation and cleanup activities at the City Misc. Industrial & Commercial Activities Solvents (such as DCE,
of Bothell - Bothell Service Center site.
TCE, PCE)
This project provides additional matching grant funds for the on-going site investigation and cleanup activities Other
Other
for multiple sites at the Port of Anacortes - upland and sediment cleanup. Sites include former Scott Paper
Mill (FSID 8122259; Cap Sante Marine (FSID 6753227); former Shell Tank Farm (FSID 4781157); Log Haul
Out (FSID 21898438); Dakota Creek Shipyard (FSID 2670); Quiet Cove in Fidalgo Bay.

2,644,000 This project provides matching grant funds to conduct additional remedial actions to complete cleanup.

1,000,000 This project provides matching grant funds for the on-going site investigation and cleanup activities at the City Other
Bothell Crossroads, Bothell Landing, Bothell Paint & Decorating, and Bothell Riverside sites.

7,001,000 This project provides additional matching grant funds for the on-going site investigation and cleanup activities Other
for multiple sites at the Port of Everett - upland and sediment cleanup. Sites include Weherhaeuser Mill A
(FSID 1884322); Bay Wood Products (FSID 4438651); Ameron/Hulbert (FSID 68853261); Everett Shipyard
(FSID 2794); East Waterway (FSID 2733).

2,900,000 This project provides matching funds to the port to complete the remedial investigation and feasibility study
and complete an interim action to remove the remaining arsenic contaminated soil along the shoreline
Hylebos Waterway at the Arkema Mound site.

335,000 This project provides matching grant funds to conduct additional remedial actions to complete cleanup.

1,500,000 This project would fund the cleanup efforts at a site with significant free product in a prime economic
redevelopment area.

620,000 Funding for the administration of the remedial action grant program. Administration includes writing all grant
agreements; reviewing and approving all invoices; and grant status reporting. 2.9 FTE are needed for grant
administration, central budget office capital support and agency administrative overhead.

1,000,000 Grant funding to local governments that investigate groundwater contaminated by hazardous substances from Other
multiple sources. The purpose of these investigations is to identify the sources and facilitate the cleanup of the
area-wide contamination.

1,500,000 Grant funding to redevelop contaminated properties.

1,500,000 Grant funding to local governments who cleanup contaminated properties through Ecology's Voluntary
Cleanup Program.

3,000,000 Grant funding to local health departments or districts to perform site assessments for Ecology. The site
Other
assessments identify the locations of areas where hazardous substances are known or suspected; identify the
hazardous substances that were released or are threatened to be released; gather evidence confirming a
release or threatened release of hazardous substances; and describe the facilities containing the releases and
their conditions.

Cost

$75,000,000

$

$

3145643 Port of Bellingham

$

$

2913

29

Port of Bellingham

$

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$

Port of Bellingham

2864

28

30

Port of Seattle

Port of Seattle

Kitsap County

98422914 Port of Seattle

2055

25

27

2605

1880040 Port of Seattle

24

23

Port of Bellingham

2673

20

Skagit County Jail

2870

19

City of Bellingham

Multiple Port of Tacoma

18

17

3097108 Port of Olympia - Budd
Inlet Sediments
possible Extended
Grant Agreement
18898 Port of Port Angeles

16

City of Bothell

Multiple Port of Anacortes

2268

14

$

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Port of Port Angeles - K $
Ply

15

1002

4446540 Sudbury Road Landfill

13

12

592

Multiple City of Bothell

10

11

Multiple Port of Everett

9

Port of Tacoma

Grant Management
Costs

Areawide Groundwater

Integrated Planning
Grants

Independent Remedial
Action Grants

Site Assessment

N/A

1

Recipient

FSID

Rank

Ecology 2015-17 Biennial Budget Project List
Toxics Cleanup Program
Remedial Action Grants
August 27, 2014

7/1/2015

12/30/2015

7/1/2015

12/30/2015

7/1/2015

7/1/2015

7/1/2015

7/1/2015

7/1/2015

7/1/2015

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7/1/2015

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7/1/2015

7/1/2015

7/1/2015

7/1/2015

7/1/2015

Estimated
Construction
Start

Bellingham

Tacoma

Port Angeles

Olympia

Anacortes

Bothell

Port Angeles

Walla Walla

Ephrata

Bothell

Everett

Tacoma

Pasco

Yakima

Statewide

Statewide

Statewide

Statewide

Statewide

City

2000 N NORTHLAKE WAY

BELLWETHER WAY

CORNWALL AVE

F ST

6020 W MARGINAL WAY

2001 W GARFIELD ST

2715 E MARGINAL WAY S

7791 NE ECOLOGY RD

15001 DES MOINES
MEMORIAL DR

300 W LAUREL ST

201 HARRIS AVE

Seattle

Bellingham

Bellingham

Bellingham

Seattle

Seattle

Seattle

Kingston

Burien

Bellingham

Bellingham

3228 OLD HIGHWAY 99 S RD Mount Vernon

CORNWALL AVE N

PORT-WIDE

EDIZ HOOK RD

MARINE DR NE

PORT-WIDE

19005 BOTHELL WAY NE

439 MARINE DR

414 SUDBURY RD

HWY 28

CITY-WIDE

PORT-WIDE

3009 TAYLOR WAY

AINSWORTH & W 9TH

2312 W NOB HILL BLVD

STATEWIDE

STATEWIDE

STATEWIDE

STATEWIDE

STATEWIDE

Site Address

King

Whatcom

Whatcom

Whatcom

King

King

King

Kitsap

King

Whatcom

Whatcom

Skagit

Whatcom

Pierce

Clallam

Thurston

Skagit

King

Clallam

Walla Walla

Grant

King

Snohomish

Pierce

Franklin

Yakima

Statewide

Statewide

Statewide

Statewide

Statewide

County

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36

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40

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24

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13

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38

27

16

15

Statewide

Statewide

Statewide

Statewide

Statewide

Leg.
District

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-119.576427

N/A

N/A

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-119.09912

-120.54021

Statewide

Statewide

Statewide

Statewide

Statewide

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N/A

N/A

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46.58514

Statewide

Statewide

Statewide

Statewide

Statewide

Latitude


Coordinated Prevention Grants (CPG)

Project Description

What is the proposed project?

The CPG Program supports ongoing waste reduction and recycling programs, household hazardous waste collection, and local health department regulatory oversight of solid waste facilities. CPG grants support innovative programs to increase organics diversion and reuse, help reduce toxic threats with product take-back programs, and safely manage household hazardous wastes such as fertilizers, solvents, and automotive chemicals.

Recycling solid waste, food waste, and yard debris is an effective way to reduce greenhouse gas emissions. Washington State’s goal is to reduce and reuse as much waste as possible, while recognizing we will still have wastes to manage for a long time. Ecology’s objectives are to optimize safe waste management by ensuring landfills are operated appropriately, diverting solid waste from disposal, reusing and recycling materials to extend the life of landfills, and reducing environmental risks and greenhouse gas emissions. These activities help protect Washington’s groundwater and air, save energy, and provide jobs and new sources of recycled material for manufacturing.

WASTE MANAGEMENT

Washington has 771 solid waste facilities (including, but not limited to landfills, leachate lagoons, transfer stations, moderate risk waste collection facilities, compost facilities, and recycling facilities). When operated properly, the risks to human health and groundwater are minimized. Local health departments regulate almost all solid waste facilities in the state. They conduct permitting, provide construction oversight, and review environmental monitoring data. Based on Ecology’s Information Clearinghouse, in the 2013-15 regular grant cycle, local health officials will conduct about 3,778 facility inspections statewide (https://fortress.wa.gov/ecy/swicpublic). Up to 16 landfills will undergo either construction of new waste disposal cells and leachate collection systems, or close existing waste disposal cells. Local health officials will resolve about 13,695 illegal dumping and illegal waste storage complaints, and provide technical assistance to over 18,600 businesses and citizens.

Household hazardous waste collection and disposal do not prevent waste, but CPG funded collection activities will remove more than 8,200 tons of hazardous materials each year from homes. This reduces the risk of exposure and potential spills to the environment and the illegal dumping of hazardous wastes that could affect stormwater. Some materials contain persistent bioaccumulative and toxic chemicals (e.g., mercury in thermostats and fluorescent bulbs), while others contain carcinogens (e.g., pesticides, cleaning agents, and solvents). Some collected toxic chemicals are reused or recycled, but many are simply disposed at hazardous waste landfills.

RECYCLING OR ENERGY RECOVERY

Recycling prevents waste and saves energy. Manufacturing processes that use recycled materials replace the need for resource extraction, which is generally a wasteful and energy intensive process. Typically, processes using recycled materials consume between 10 and 50 percent of the energy and water consumed by those using virgin materials. CPG supports ongoing recycling operations, education, and promotion programs. CPG funds helped curbside recycling become a statewide practice. During the 2012-13 grant cycle, 1.5 million tons of residential materials were collected statewide. Of that 1.5 million tons, local CPG funded programs diverted 361,168 tons of recyclables and organic material from landfills through collection.
events and drop box recycling. Recycling reduced greenhouse gas emissions by 275,619 metric tons of carbon equivalent. In addition to recycling programs, many household hazardous waste programs collect waste oil for energy recovery. Diversion saved the equivalent of one million barrels of oil or 46 million gallons of gasoline.

**CLOSING THE LOOP ON ORGANICS**

Many CPG organics projects focus on taking materials considered waste and turning them into useful products. This has the double benefit of reducing waste and preventing outdoor burning, while creating a useful product. These funds are now creating a broad base of organics projects that turned 114,223 tons of yard and food waste into compost and other useful soil amendments during the 2012-13 grant cycle. In turn, these amendments improve soil quality, create cleaner stormwater, and eliminate or reduce the need for pesticides and fertilizers, which are often toxic. CPG funds everything from home composting bins to regional composting facilities.

**ELIMINATING WASTE THROUGH PREVENTION**

The most cost-effective way to handle waste is not a matter of which technology is used to manage it, but how waste can be prevented in the first place. This reduces the amount of materials, chemicals, and energy needed to produce and transport products. Composting yard waste and other organic materials results in a useable product and keeps those materials out of landfills, which reduces greenhouse gas emissions. CPG funds programs like food waste recovery, where county agencies collaborate with local food banks to keep food waste out of landfills and provide useable food for low income citizens. Preventing waste is the smartest, cheapest, and healthiest way to protect human health and the environment.

What opportunity or problem is driving this request?

The reason for the project:

Waste disposal per capita has decreased since 2006 due to the successes of CPG funded programs. The per capita rate in 2012 was at its lowest level since 1986. Right now, 87.2 percent of residents have access to curbside recycling. To continue this productive trend and reduce solid waste generation, funding for local government programs needs to continue to allow residents wider access to curbside recycling.

Municipal solid waste (MSW) generated in Washington went from 6.25 pounds per person per day in 1999 to 7.08 pounds in 2012. Local recycling programs kept the growth in waste disposal lower than the rise in waste generated. MSW disposal decreased from 4.21 pounds per person per day in 1999 to 3.53 pounds per person per day in 2012. Washingtonians recycled 3.55 pounds per person per day in 2012, up from 2.04 pounds per person per day in 1999. Local governments continue to need state support to operate programs that effectively manage a growing waste stream.

Legislative intent for the CPG Program is established in RCW 70.105D.070 (4) (a) of the Model Toxics Control Act: The department shall use moneys deposited in the local toxics control account for grants or loans to local governments for the following purposes in descending order of priority: (i) Extended grant agreements…; (ii) Remedial actions… (iii) Storm water pollution… (iv) Hazardous waste plans and programs…. (v) Solid waste plans and programs…; (vi) Petroleum-based plastic or expanded polystyrene foam debris cleanup.

WAC 173-312-010, establishes the purpose and requirements for the Coordinated Prevention Grants Program to provide grants to local governments for local hazardous and solid waste plans and programs.

RCW 70.95.020, the Solid Waste Management Act, assigns primary responsibility for managing and regulating solid waste handling to local government. It also encourages the developing and operating waste recycling facilities, and requires Ecology to provide technical and financial assistance to local governments in planning, developing, and conducting solid waste handling programs.

RCW 70.95.130, financial aid to counties and cities, directs Ecology to provide financial aid for solid waste planning activities.
Description

RCW 70.95.180, Permit for solid waste handling facility – applications, fee establishes the jurisdictional health department as the entity to investigate and permit solid waste handling facilities.

RCW 70.95.220, financial aid to jurisdictional health departments, provides a mechanism for financial aid from Ecology for enforcing solid waste management rules and regulations.

The effects of non-funding:

Without funding, local waste management and prevention functions would be severely impacted in almost all small counties. There would be a significant reduction in regulatory oversight of solid waste facilities, and a statewide drop in recycling and household hazardous waste programs. There would be fewer resources available to support small communities in their efforts to develop and maintain infrastructure and strategies to eliminate solid waste disposal.

CPG supports ongoing waste prevention and reduction throughout the entire state at the local level, which plays a significant role in providing green jobs that contribute to growing a green economy and reducing greenhouse gases. CPG provides funding opportunities for all communities to become actively engaged in the climate change solution. Without this funding, waste prevention and reduction efforts would stall, more greenhouse gases would be released, and there would be fewer green jobs in Washington State.

How does the project support the agency and statewide results?

This project supports Ecology’s strategic priority, Prevent and Reduce Toxic Threats by:

– Keeping hazardous wastes from being stored or disposed of improperly and polluting Washington’s surface and groundwater.
– Promoting energy and resource conservation through recycling, composting, green building, and
– Promoting the use of less toxic alternatives.

These efforts decrease emissions of airborne toxics and carcinogens from energy production, and also limit greenhouse gas emissions.

This request provides essential support to the Governor's Results Washington Goal 3, Sustainable Energy and Clean Environment and Goal 4, Healthy and Safe Communities. In 2012, recycling materials instead of sending them to landfills helped us avoid emitting 2.6 million tons of greenhouse gases into the atmosphere. Also, recycling saved enough energy to power 1.1 million homes for a year (nearly half the households in Washington). Some organics programs divert woody waste to bioenergy facilities, which reduces dependence on fossil fuels.

What are the specific benefits of this project?

Projects from CPG funded programs provide many benefits to Washington's citizens. They protect human health by removing household hazardous wastes from homes, inspecting solid waste facilities and enforcing solid waste facility rules, and providing information on less toxic alternatives. Less direct benefits include promoting energy and resource conservation through recycling, composting, and green building. Other initiatives decrease airborne toxics and carcinogens that result from energy production, as well as limit greenhouse gas emissions and create green jobs.

Between 2010 and 2012, $18.8 million in CPG funding supported local programs that kept 23,945 tons of household and business hazardous waste out of Washington's rivers, streams, and groundwater. In Fiscal Year 2012, CPG played a pivotal role in financing the local programs that collected 1.5 million tons of residential recyclable material statewide. Of the 1.5 million tons of residential recyclable materials collected, local programs diverted 361,168 tons of recyclables and organic material from landfills through collection events and drop box recycling that were specifically funded by CPG.

CPG funds also create a broad base of organics projects that are turning yard and food waste into compost and other useful soil amendments. In the 2012-13 grant cycle, recycling and organics diversion through CPG, reduced greenhouse gas emissions by 275,619 metric tons of carbon equivalent, or saved the equivalent of 6,885,595 British Thermal Units (BTUs). This
Projects that promote organic recycling include food waste and backyard composting, making use of composted products, and other natural yard care techniques. They increase the quality and productivity of soil, reduce soil erosion, water requirements, and the need for fertilizers and weed and pest control chemicals. Local governments use information, policies, and procedures developed by Ecology and public research institutions, along with technical assistance from Ecology and university extension service staff, to create and operate programs that directly educate and serve the public. The Legislature delegated managing and regulating solid waste in Washington to local government. Ecology was directed to investigate statewide solid waste issues, and collect information to develop guidance and provide technical assistance to support local governments in their direct solid waste management and regulatory activities.

LOCAL GOVERNMENT RESULTS

Local recycling programs are the key players behind Washington's leading national recycling rate. CPG played a pivotal role in financing programs that now recycle or reuse 8.04 million tons of materials. Today, CPG is refining the success of existing local projects and pioneering the next wave of waste prevention. Examples of local success stories from the 2012–13 grant cycle are:

– Expanding rural recycling programs: Garfield County continued operating and maintaining the existing recycling drop box facility using a contractor to haul recyclables. They diverted 95 tons of recycling from the waste stream.

Kittitas County's Moderate Risk Waste Disposal Facility in Ellensburg will continue to operate on an appointment basis. Kittitas County Solid Waste will maintain the oil and antifreeze tanks at three locations throughout the county. The project will include technical assistance to small quantity generators (SQGs) and provide educational materials to the community.

Stevens County diverted approximately 46.5 tons of yard and woody debris from the waste stream through collection events. Some yard and woody debris material will go to community landscaping projects or an energy generating plant in Kettle Falls. Most of it will go to the composting facilities located in Eastern Washington. These facilities are bagging the composts for sale at retail stores for horticulture applications.

Yakima County Solid Waste Division continued year-round moderate risk waste collection services at the Terrace Heights Landfill, Cheyne Landfill, Lower Valley Transfer Station, and at the used oil satellite stations. The county focused on removing toxic substances from the solid waste stream and wastewater collection systems. Materials collected include paints, oils, thinners, antifreeze, herbicides, acids, bases, fluorescent tubes, batteries, propane tanks, corrosives, oxidizers, toxic liquids, toxic solids, caustics and flammables.

– Collection events for hard to recycle items: The Snohomish County Moderate Risk Waste Facility continued to provide disposal and recycling services for household hazardous wastes to all residents of the county at no charge, and to qualified SQG businesses for a fee, keeping hazardous substances out of the landfill and wastewater collection systems. In addition the County provided drop off options for residents at three transfer stations and three rural drop boxes for oil, oil filters, antifreeze, lead acid and dry cell batteries, fluorescent lamps, and barbeque sized propane tanks. The County also held two annual mobile household hazardous waste (HHW) collection events in Darrington and Sultan, WA.

The City of North Bend used CPG funds to fund two events, one in April 2012 and one in April 2013. The Special Collection Recycling Events are the primary CPG task that the city performs. Flyers were dropped off at many locations as well as mailed to North Bend residents located in the city and the county. The event was also publicized with press releases; articles for city newsletters, city websites, cable TV, and a note on the utility bill. As a result of these special recycling collection events and the educational materials distributed, North Bend area residents increased their overall recycling and solid waste awareness. The city collected an average of 111 pounds of recyclable material per vehicle for the events, and collected a total of 41 tons of recyclable material.

– Household Hazardous Waste (HHW) Collection: Clark County conducted three activities under this task; HHW operations,
**Description**

Paint Take-Back, and Returned Medicine Program. They slightly exceeded their estimates of 1,000 tons of HHW and 6.5 tons of unwanted medications, and collected almost four times as much paint as the 75 tons they expected.

- **Waste Characterization Studies**: Kitsap County Solid Waste Division characterized the residential commingled recycling stream through a one-time sample of selected geographical areas of the county. Characterization of the residential commingled recycling stream helped the county assess expansions and retractions of program materials and established a baseline to inform and tailor outreach materials to reduce contamination. As collection vehicles finished routes and dropped off collected materials, samples were collected, sorted and weighed. These samples were characterized as program materials or non-program materials and then divided by sub-classes to identify the proportion of each material in the residential commingled recycle stream. The results were used by the county to improve services and update their solid waste plans.

- **School Programs**: The King County Solid Waste Division School Program delivered an assembly program and classroom workshops to elementary schools and provided project assistance to all grade levels at schools in King County. The program’s messages focused on how waste reduction and recycling practices conserve natural resources and that each of us has a role to play in a healthy planet.

- **Recycling Outreach**: The City of Seattle provided resources for Seattle businesses to realize waste reduction, contamination, prevention, and recycling goals. Resources included technical assistance, such as waste audits, information on best management practices, and educational materials for employees and customers. The city managed a hotline to respond to waste reduction and recycling questions from city businesses and provided 200 businesses with comprehensive training on implementing Seattle’s regulations for single use containers and proper food waste management.

- **Organics**: The City of Olympia launched a targeted campaign to encourage residents to manage grass clippings on-site. The city initially focused on select neighborhoods that historically produced large volumes of grass that were collected curbside for centralized composting. They expanded the campaign citywide and developed workshops that taught proper techniques in natural lawn care, including mulch mowing; and managing organics on-site, including backyard composting. After a direct mail survey and site visits were conducted, the city created an online virtual workshop to reach a larger audience of 14,000 households. It was a big hit and provided great results, including an increased demand for backyard compost bins.

There are a number of benefits CPG provides the economy and communities. CPG funds the salary and benefits of local government staff to enforce solid waste handling laws, operate recycling and household hazardous waste collection services, and implement outreach activities to increase participation in waste reduction and recycling. CPG also provides funds for contracted services and purchases that support local businesses and consulting firms. Examples include large equipment purchases, contractors paid to pack up and properly dispose of household hazardous waste, and construction companies building facilities.

- **Economic Impact**: Based on calculations using the 2015-17 biennium funding allocation, plus the local match contribution, Ecology estimates that CPG will create 178 jobs. CPG provides roughly 31 percent of the costs for recycling and hazardous waste programs in all but the largest counties. Local health departments depend on CPG to maintain adequate solid waste enforcement staffing. Many county solid waste programs do not receive any portion of the tipping fees a county may collect. Instead, they depend on permit fees that are not sufficient to fully fund enforcement. They rely on state grants to fill the gaps. In these economic times, CPG funds are even more important to preserve jobs and keep these basic programs going.

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

CPG supports more than 100 ongoing local recycling, household hazardous waste, and regulatory oversight programs. Funding supports innovative grants that implement statewide priorities involving organics reuse and reducing human exposure to toxic chemicals. This request maintains the current CPG funded programs, adjusted for inflation. Local health jurisdictions will be able to maintain the staff needed to inspect solid waste handling facilities and enforce solid waste regulations. RCW 70.95.180 delegates these duties to local government.
Description

Are FTEs required to support this project?

Ecology FTEs that support these projects are in our operating budget.

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

CPG funded programs provide indirect benefits to many other governmental bodies. Solid waste management requires coordination between local governments and the state. CPG funding complements the Puget Sound Partnership and Ecology’s Water Quality Program activities by supporting local government projects that protect and restore Puget Sound and other water bodies, including groundwater, which is the source of drinking water for over half of Washington State’s citizens. It also supports Ecology’s Hazardous Waste Program’s efforts to eliminate hazardous waste and reduce use of toxic products.

What is the impact on the state operating budget?

The CPG Program is supported by 5.3 FTEs (including indirect) in the operating base budget.

Why is this the best option or alternative?

The CPG Program was established in 1989. This grant program has been instrumental in helping local governments develop and maintain programs and services to help Washington citizens reduce, recycle, and prevent waste and properly dispose of hazardous waste. CPG monies are being used to move toward eventually eliminating waste and toxics.

CPG is an established mechanism for distributing funds. If the program did not exist, there would be a reduction in services and increased costs to Washington citizens, both monetarily and environmentally. For example, local governments may have to reduce or eliminate hours of operation on their household hazardous waste facilities or cease operation of their mobile collection events, leading to increased illegal or improper disposal of these materials. There would be less oversight and inspection of solid waste facilities, decreasing environmental protection and increasing risks to human health (e.g., drinking water contamination, vermin habitat/food sources, fire hazards, odors, and physical hazards).

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

CPG is entirely funded by the Local Toxics Control Account, which receives revenue from the Hazardous Substance Tax. Local governments provide a match of 25 percent. The 2015–17 appropriation level of $29.60 million is estimated to leverage $39.48 million combined state and local dollars.

Project Type

Grants

Grant Recipient Organization: Local Governments Statewide

RCW that establishes grant: chapter 70.105D RCW

Application process used

CPGs are funded in two grant cycles: Regular and Offset. The regular grant cycle funds are distributed based on a Base–plus population formula. Counties can choose to apply for all or some of the funds. Applications are submitted and scored based on the following elements: project title, goal statement, outcome statement, target audience, work plan and timeline. Applications are evaluated to ensure the activity is consistent with the local solid and hazardous waste management plan and ready to proceed. The Offset Cycle funds are distributed through a competitive process. An awards committee comprised of grant officers and technical experts review and score the applications based on eligibility, quality of project, and state and local need. A project ranking list is created and available funding is awarded in priority order.

Growth Management impacts

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## Funding

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## Operating Impacts

**No Operating Impact**

### Narrative

The operating budget includes 4.55 direct FTEs and 0.68 indirect FTE for a total of 5.30 FTEs to support the CPG program. This resource is part of Ecology’s carryforward base budget.
Agency Priority: 9

Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description

What is the proposed project?
This request will fund remediation activities on contaminated sites in Eastern Washington. By focusing resources directly to the communities east of the Cascade Mountains, Ecology will have the resources to fund cleanup work related to metals contamination, leaking underground storage tanks, landfills, salvage yards, and wood treatment facilities. The funds will be used to pay for cleanup at contaminated sites where the responsible party (land user, facility operator, or property owner) is either unwilling or unable to pay costs related to the cleanup activities. Ecology will cost recover cleanup costs where possible. Ecology is requesting funding for the specific projects listed on Attachment A. The attachment shows the prioritized list of new and continuing projects with project descriptions.

What opportunity or problem is driving this request?
The reason for the project:
This request addresses the toxics cleanup needs of contaminated sites in Eastern Washington. Other capital budget funds for toxic cleanup activities have been directed to sites within the Puget Sound basin. This request will allow Ecology to continue to focus on cleaning up contaminated sites in Eastern Washington. These cleanups protect public and environmental health, create jobs, and promote economic redevelopment.

The effects of non-funding:
If this request is not funded, ongoing Eastern Washington cleanup projects would not be completed and new projects would not be started. Eastern Washington cleanup work would be underfunded; particularly if investments continue at cleanup sites in and around Puget Sound. Communities in Eastern Washington would continue to be impacted by hazardous substances and degraded water resources.

Ecology would fall short of its strategy to have a statewide cleanup program.

Job creation and retention in the private sector supported by work on these cleanups would be diminished.

How does the project support the agency and statewide results?
This project is essential to supporting Ecology’s strategic priority to Prevent and Reduce Toxic Threats by supporting work to clean up contaminated sites and support economic redevelopment.

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

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

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

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

What are the specific benefits of this project?

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

– Cleanup of toxic contaminated sites.
– Reduce exposure of hazardous substances to the environment and public as work progresses on these sites.
– Economic development as abandoned sites move forward through the cleanup process.

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

Economic Impact: This project will also provide economic benefits to the state by creating up to 41 jobs during the next two years based on Office of Financial Management estimates.

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

This project will allow Ecology to focus resources on contaminated sites in Eastern Washington, reducing exposure of hazardous substances to the environment and public. The number of contaminated sites cleaned up will increase, resulting in less public and environmental exposure to hazardous substances.

Are FTEs required to support this project?

No FTEs are needed to support this project.

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

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

What is the impact on the state operating budget?

This will not impact the state operating budget.

Why is this the best option or alternative?

Requesting capital funding for this project will allow Ecology to enter into cleanup activities at contaminated sites.

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

This request is consistent with the purposes of the Model Toxics Control Act (MTCA), chapter 70.105D RCW, which also allows...
Description
for either the State Toxics Control Account (STCA) or the Environmental Legacy Stewardship Account (ELSA) to fund it. The main purpose of MTCA is to raise sufficient funds to clean up all hazardous waste sites and to prevent the creation of future hazards due to improper disposal of toxic wastes into the state's lands and waters. To do this work, a tax is assessed on hazardous materials, including petroleum products, pesticides, and some chemicals. The tax is deposited in the STCA, Local Toxics Control Account (LTCA), and ELSA.

With the passage of Second Engrossed Second Substitute Senate Bill 5296 in the 2013 legislative session, Hazardous Substance Tax revenues will be deposited in the STCA and LTCA up to a limit of $280 million per biennium. Any revenues exceeding $280 million will be attributed to ELSA. MTCA allows state investments in cleanup to be funded from either STCA or ELSA. So this request could also be funded directly from ELSA or through an ELSA transfer to STCA.

The ten-year plan estimates reflect the funding for this project as outlined in the 2012 Model Toxics Control Accounts Ten-Year Financing Plan. The 2012 report included funding needs for a ten-year period starting in the 2013-15 biennium through the 2021-23 biennium. Data for the 2023-25 biennium and updates to the ten-year plan estimate will be available in the updated 2014 Model Toxics Control Accounts Ten-Year Financing Plan in September 2014. The 2023-25 biennium estimate repeats the 2021-23 estimate.

Location
City: Statewide  County: Statewide  Legislative District: 098

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

Funding

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Operating Impacts
No Operating Impact
Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000433
SubProject Title: Airport Kwik Stop

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 9

**Project Summary**
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

**Project Description**
Conduct additional remedial actions (treatment chemical injection). Continue groundwater monitoring and operations/maintenance of treatment system.

**Location**
City: Ione
County: Pend Oreille
Legislative District: 007

**Project Type**
Grants

**Grant Recipient Organization:** None
RCW that establishes grant: N/A
Application process used: None

**Growth Management impacts**
None

**Funding**

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**Operating Impacts**

No Operating Impact
SubProjects

SubProject Number: 30000434
SubProject Title: Dryden Pit (WDFW)

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 9

Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description
This project would fund the capping of the site (state land managed by the Washington Department of Fish and Wildlife) to limit exposure to lead and arsenic contamination.

Location
City: Unincorporated
County: Chelan
Legislative District: 012

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

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Operating Impacts
Agency Priority: 9

Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description
Public works removal actions planned for completion in 2013-15. Groundwater treatment and monitoring is planned in 2015-17.

Location
City: Richland
County: Benton
Legislative District: 008

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

Funding
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Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

**Project Description**

Conduct interim actions including contaminated soil and wood debris removal.

**Location**

City: Colville
County: Stevens
Legislative District: 007

**Project Type**

Grants

**Grant Recipient Organization:** N/A

**RCW that establishes grant:** N/A

**Application process used**

N/A

**Growth Management impacts**

N/A
SubProjects

SubProject Number: 30000436
SubProject Title: Colville Post and Pole

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Operating Impacts

No Operating Impact

SubProject Number: 30000437
SubProject Title: Gold Nugget

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 9

Project Summary

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description

Site cleanup is ongoing and planned to close out in the 2015-17 biennium. The soil and groundwater are responding to treatment.

Location
City: Zillah
County: Yakima
Legislative District: 015

Project Type
Grants
Project Title: Eastern Washington Clean Sites Initiative

SubProjects

SubProject Number: 30000437
SubProject Title: Gold Nugget

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

Funding

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Operating Impacts

No Operating Impact

SubProject Number: 30000438
SubProject Title: Priceless Gas

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 9

Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description
Conduct additional remedial actions (treatment chemical injection). Continue groundwater monitoring and operations/maintenance of treatment system.

Location
SubProjects

Location

SubProject Number: 30000438
SubProject Title: Priceless Gas
City: Davenport
County: Lincoln
Legislative District: 013

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

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Operating Impacts
No Operating Impact

SubProject Number: 30000439
SubProject Title: Roby's
Project Title: Eastern Washington Clean Sites Initiative

SubProjects

SubProject Number: 30000439
SubProject Title: Roby’s

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 9

Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description
Site cleanup is ongoing and planned to close out in the 2015-17 biennium. The soil and groundwater are responding to treatment.

Location
City: Zillah
County: Yakima
Legislative District: 015

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management Impacts
N/A

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Operating Impacts
No Operating Impact
Eastern Washington Clean Sites Initiative

Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description
Conduct interim action of preparing site for impermeable cover. Activities include waste consolidation, site grading stormwater improvements, etc. Impermeable cover (geomembrane) installation will be conducted when funding is available.

Location
City: Cheney  County: Spokane  Legislative District: 006

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

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Project Description
Site cleanup planned for digging and hauling contaminated sediments. Expect a no further action determination.

Location
City: Moxee
County: Yakima
Legislative District: 015

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

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13
Page 291 of 522
**SubProjects**

**SubProject Number:** 30000441  
**SubProject Title:** Moxee City Shop

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**Operating Impacts**

**No Operating Impact**

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**SubProject Number:** 30000442  
**SubProject Title:** Stubblefield Salvage Yard

**Starting Fiscal Year:** 2016  
**Project Class:** Grant  
**Agency Priority:** 9

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

**Project Description**

Conduct Remedial Investigation and Feasibility Study (RI/FS).

**Location**

**City:** Walla Walla  
**County:** Walla Walla  
**Legislative District:** 016

**Project Type**

Grants

**Grant Recipient Organization:** N/A  
**RCW that establishes grant:** N/A  
**Application process used:** N/A

**Growth Management impacts**

N/A
SubProjects

SubProject Number: 30000442
SubProject Title: Stubblefield Salvage Yard

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Operating Impacts

No Operating Impact

SubProject Number: 30000443
SubProject Title: Northport Remedial Investigation

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 9

Project Summary

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description

Conduct Remedial Investigation of near-shore contamination from LeRoi Smelter slag.

Location

City: Northport  County: Stevens  Legislative District: 007

Project Type

Grants
### SubProjects

**SubProject Number:** 30000432  
**SubProject Title:** Eastern Washington Clean Sites Initiative

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#### Operating Impacts

No Operating Impact

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**SubProject Number:** 30000444  
**SubProject Title:** Columbus Square

**Starting Fiscal Year:** 2016  
**Project Class:** Grant  
**Agency Priority:** 9

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

**Project Description**

The project is early in the investigation. The site seems to have contamination both on and off-site contamination. The investigation has expanded to find the contamination source.

**Location**
**SubProjects**

**Location**

SubProject Number: 30000444  
SubProject Title: Columbus Square  
City: Goldendale  
County: Klickitat  
Legislative District: 014

**Project Type**

Grants

**Grant Recipient Organization:** N/A  
**RCW that establishes grant:** N/A  
**Application process used:** N/A

**Growth Management impacts**

N/A

**Funding**

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**Operating Impacts**

No Operating Impact

SubProject Number: 30000445  
SubProject Title: Frenchies
Project Number: 30000432  
Project Title: Eastern Washington Clean Sites Initiative

**SubProjects**

SubProject Number: 30000445  
SubProject Title: Frenchies  
Starting Fiscal Year: 2016  
Project Class: Grant  
Agency Priority: 9

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

**Project Description**

Groundwater treatment and monitoring, bioremediation planned for 2015-17.

**Location**

City: Moxee  
County: Yakima  
Legislative District: 015

**Project Type**

Grants

**Grant Recipient Organization**: N/A  
**RCW that establishes grant**: N/A  
**Application process used**: N/A

**Growth Management impacts**

N/A

**Funding**

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**Operating Impacts**

No Operating Impact
Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description
The university is moving forward to decommission tanks. The environmental cleanup is planned for the same time period and site cleanup is expected in 2015-17.

Location
City: Ellensburg
County: Kittitas
Legislative District: 013

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

Funding

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Operating Impacts
No Operating Impact
Project Title: Eastern Washington Clean Sites Initiative

SubProjects

SubProject Number: 30000447
SubProject Title: Wirts Service

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 9

Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description
The project includes site investigation, groundwater monitoring and possible removal of contaminated soil.

Location
City: Ellensburg
County: Kittitas
Legislative District: 013

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

Funding

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Operating Impacts
Agency Priority: 9

Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description
This project will fund the remediation of contaminated soil and groundwater to prepare the site for redevelopment.

Location
City: Ellensburg
County: Kittitas
Legislative District: 013

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

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**SubProjects**

**SubProject Number:** 30000448  
**SubProject Title:** Mackner Scales

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**Operating Impacts**

No Operating Impact

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SubProject Number: 30000449  
SubProject Title: Tiger - 56th & Summitview

**Starting Fiscal Year:** 2016  
**Project Class:** Grant  
**Agency Priority:** 9

**Project Summary**

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

**Project Description**

This project is the remediation and redevelopment of an abandoned gas station. The property is valuable and in a prime retail location.

**Location**

- **City:** Yakima  
- **County:** Yakima  
- **Legislative District:** 014

**Project Type**

- Grants

**Grant Recipient Organization:** N/A  
**RCW that establishes grant:** N/A  
**Application process used:** N/A

**Growth Management impacts**

N/A
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

This project is the remediation and redevelopment of valuable property in a prime commercial location -- right on an interstate exit. It is a former gasoline bulk plant and distribution center.

Location
City: Yakima
County: Yakima
Legislative District: 015

Project Type
Grants
SubProjects

SubProject Number: 30000450
SubProject Title: Tiger - East 16th & Nob Hill

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

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Operating Impacts

No Operating Impact

SubProject Number: 30000451
SubProject Title: Tiger - North 1st Street

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 9

Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description
This project is the remediation and redevelopment of an old abandoned gas station. The property is located right on entrance to the City of Yakima.

Location

There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)
SubProjects

Location

SubProject Number: 30000451  
SubProject Title: Tiger - North 1st Street  
City: Yakima  
County: Yakima  
Legislative District: 015

Project Type

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used: N/A

Growth Management impacts

N/A

Funding

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2015-17 Fiscal Period

Future Fiscal Periods

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Operating Impacts

No Operating Impact

SubProject Number: 30000452  
SubProject Title: Pet Health Clinic
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

This project includes possible excavation of contaminated soil and groundwater monitoring and treatment.

Location
City: Sunnyside
County: Yakima
Legislative District: 015

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

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Project Title: Eastern Washington Clean Sites Initiative

SubProjects

SubProject Number: 30000453
SubProject Title: Meza Market

Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 9

Project Summary
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description
This project will conduct groundwater investigation and monitoring.

Location
City: Granger
County: Yakima
Legislative District: 015

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

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Operating Impacts
No Operating Impact
**Eastern Washington Clean Sites Initiative**

**Project Number:** 30000432  
**Project Title:** Eastern Washington Clean Sites Initiative

### SubProjects

**SubProject Number:** 30000454  
**SubProject Title:** Headwaters Inn

**Starting Fiscal Year:** 2016  
**Project Class:** Grant  
**Agency Priority:** 9

**Project Summary**
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

**Project Description**
This project includes possible excavation of contaminated soil and groundwater monitoring and treatment.

**Location**
- **City:** Wenatchee  
- **County:** Chelan  
- **Legislative District:** 012

**Project Type**
Grants

**Grant Recipient Organization:** N/A  
**RCW that establishes grant:** N/A  
**Application process used:** N/A

**Growth Management impacts**
N/A

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**Future Fiscal Periods**

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</table>

**Operating Impacts**

No Operating Impact
There are properties in Eastern Washington contaminated with hazardous wastes that have been abandoned or have owners unwilling or unable to pay for site investigation and cleanup. Without cleanup, these sites pose threats to public health, the environment, groundwater, and fish and wildlife resources. Ecology is requesting funding to continue the initiative to have a statewide cleanup program by making dedicated investments outside of the Puget Sound basin and Western Washington. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as these sites are redeveloped. (State Toxics Control Account)

Project Description

This project includes possible excavation of contaminated soil and groundwater monitoring and treatment.

Location

City: Twisp  County: Okanogan  Legislative District: 012

Project Type

Grants

Grant Recipient Organization: N/A

RCW that establishes grant: N/A

Application process used

N/A

Growth Management impacts

N/A

Funding

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<thead>
<tr>
<th>Account Title</th>
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Project Description
This project includes possible excavation of contaminated soil and groundwater monitoring and treatment.

Location
City: Ellensburg
County: Kittitas
Legislative District: 013

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

Funding

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Future Fiscal Periods

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Operating Impacts
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Project Description
This project includes groundwater monitoring.

Location
City: Sunnyside
County: Yakima
Legislative District: 015

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

Funding
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<th>Expenditures</th>
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Operating Impacts
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Project Description
The ten-year plan estimates reflect the funding for this project as outlined in the 2012 Model Toxics Control Accounts Ten-Year Financing Plan. The 2012 report included funding needs for a ten-year period starting in the 2013-15 biennium through the 2021-23 biennium. Data for the 2023-25 biennium and updates to the ten-year plan estimate will be available in the updated 2014 Model Toxics Control Accounts Ten-Year Financing Plan in September 2014. The 2023-25 biennium estimate repeats the 2021-23 estimate.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants

Grant Recipient Organization: N/A
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
N/A

Funding
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Variant fiscal periods

Future Fiscal Periods

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<td>3,936,000</td>
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<td>Rank</td>
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<td>Project Name</td>
<td>Amount</td>
<td>Project Description</td>
<td>Cleanup Category Description</td>
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<tr>
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<td>-----</td>
<td>--------------</td>
<td>--------</td>
<td>---------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>1</td>
<td>3209 4180</td>
<td>Airport Road Step</td>
<td>$ 360,000</td>
<td>Conduct additional remedial actions (treatment chemical injection). Continuous groundwater monitoring and operation/maintenance of treatment system.</td>
<td>Looking Underground Storage Tanks</td>
</tr>
<tr>
<td>2</td>
<td>1993 2</td>
<td>Hyland PL (INPAK)</td>
<td>$ 300,000</td>
<td>This project would fund the capping of the approvals land managed by the Department of Fish and Wildlife to limit exposure to diesel and gasoline, etc.</td>
<td>Agricultural &amp; Forestry Operations</td>
</tr>
<tr>
<td>4</td>
<td>765</td>
<td>Cotton Post and Pole</td>
<td>$ 500,000</td>
<td>Conduct interim actions including contaminated soil and wood debris removal. Wood Treatment</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>5971 5671</td>
<td>Cord Nugget</td>
<td>$ 500,000</td>
<td>Site cleanup is ongoing and planned to close out the 2015-17 timeframe. The soil and groundwater are responding to treatment.</td>
<td>Underground Storage Tanks</td>
</tr>
<tr>
<td>7</td>
<td>3045 3337</td>
<td>Ruby's</td>
<td>$ 100,000</td>
<td>Site cleanup is ongoing and planned to close out the 2015-17 timeframe. The soil and groundwater are responding to treatment.</td>
<td>Underground Storage Tanks</td>
</tr>
<tr>
<td>8</td>
<td>648</td>
<td>Mantell Landfill</td>
<td>$ 5,400,000</td>
<td>Conduct interim action of preparing a plan for permeable cover. Activities include waste consolidation, site grading, stormwater improvements, etc.</td>
<td>Landfill and Hazardous Waste Facilities</td>
</tr>
<tr>
<td>9</td>
<td>4279 9765</td>
<td>Moses City Shop</td>
<td>$ 50,000</td>
<td>Site cleanup is planned for digging and hauling contaminated sediments. Expected no further action determination.</td>
<td>Underground Storage Tanks</td>
</tr>
<tr>
<td>10</td>
<td>1367 131</td>
<td>Stubblefield Salvage Yard</td>
<td>$ 500,000</td>
<td>Conduct Remedial Investigation and Feasibility Study (RIFS).</td>
<td>Salvage Yards</td>
</tr>
<tr>
<td>11</td>
<td>3193 2328</td>
<td>Hopnolot Remedial Investigation</td>
<td>$ 600,000</td>
<td>Conduct Remedial Investigation of nearshore contamination from steel mill slag.</td>
<td>Groundwater</td>
</tr>
<tr>
<td>12</td>
<td>8159 3488</td>
<td>Columbia Square</td>
<td>$ 300,000</td>
<td>The project is early in the investigation. The site seems to have contamination both from off-site contamination.</td>
<td>Underground Storage Tanks</td>
</tr>
<tr>
<td>14</td>
<td>2158 8179</td>
<td>Central Washington University</td>
<td>$ 300,000</td>
<td>The university is moving forward to decommission tanks. The environmental cleanup is planned for the same timeframe and site cleanup is expected in 2015-17.</td>
<td>Underground Storage Tanks</td>
</tr>
<tr>
<td>15</td>
<td>9620 6776</td>
<td>Work Service</td>
<td>$ 150,000</td>
<td>The project includes site investigation, groundwater monitoring and possible removal of contaminated soil.</td>
<td>Underground Storage Tanks</td>
</tr>
<tr>
<td>16</td>
<td>2681 6219</td>
<td>Makvedt Scopes</td>
<td>$ 250,000</td>
<td>This project will fund the remediation of contaminated soil and groundwater to prepare the site for redevelopment.</td>
<td>Underground Storage Tanks</td>
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<tr>
<td>17</td>
<td>9624 5191</td>
<td>Tiger - Sutliff &amp; Summit Ave</td>
<td>$ 500,000</td>
<td>This project is in the remediation and redevelopment of an abandoned gas station. The property is valuable and a prime real estate location.</td>
<td>Underground Storage Tanks</td>
</tr>
<tr>
<td>18</td>
<td>528</td>
<td>Tiger - 5th &amp; Nob Hill</td>
<td>$ 100,000</td>
<td>This project is in the remediation and redevelopment of valuable real property in a prime commercial location – right on an interstate exit. It is a former gasoline bulk plant and distribution center.</td>
<td>Underground Storage Tanks</td>
</tr>
<tr>
<td>19</td>
<td>477</td>
<td>Tiger - North 1st Street</td>
<td>$ 100,000</td>
<td>This project is in the remediation and redevelopment of an old abandoned gas station. The property is located right on entrance to the City of Yakima.</td>
<td>Underground Storage Tanks</td>
</tr>
<tr>
<td>20</td>
<td>4981 2158</td>
<td>Pat Health Clinic</td>
<td>$ 300,000</td>
<td>This project includes possible excavation of contaminated soil and groundwater monitoring and treatment.</td>
<td>Underground Storage Tanks</td>
</tr>
<tr>
<td>21</td>
<td>9223 3638</td>
<td>Meza Market</td>
<td>$ 400,000</td>
<td>This project includes ground water monitoring and investigation.</td>
<td>Underground Storage Tanks</td>
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<tr>
<td>22</td>
<td>4713 6192</td>
<td>Headwaters Inn</td>
<td>$ 300,000</td>
<td>This project includes possible excavation of contaminated soil and groundwater monitoring and treatment.</td>
<td>Underground Storage Tanks</td>
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<td>23</td>
<td>8096 1296</td>
<td>Briggs-Paige Store</td>
<td>$ 300,000</td>
<td>This project includes possible excavation of contaminated soil and groundwater monitoring and treatment.</td>
<td>Underground Storage Tanks</td>
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**Attachment A**

**Ecology 2015-17 Biennial Budget Project List**

**Toxics Cleanup Program**

**Eastern Washington Clean Sites Initiative**

*July 8, 2014*
<table>
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<tr>
<th>Rank</th>
<th>Project Name</th>
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<th>Project Description</th>
<th>Cleanup Category Description</th>
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<th>Estimated Construction Start</th>
<th>Prgm/Region</th>
<th>Site Address</th>
<th>City</th>
<th>County</th>
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<th>Longitude</th>
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<tr>
<td>25</td>
<td>Bob's Auto Clinic</td>
<td>$50,000</td>
<td>This project includes groundwater monitoring</td>
<td>Leaking Underground Storage Tanks</td>
<td>Petroleum and petroleum products like gasoline, diesel oil (TPH)</td>
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<td>CRO</td>
<td>1006 LINCOLN</td>
<td>Sunnyside</td>
<td>Yakima</td>
<td>15</td>
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Total Amount 2015-17 Budget Request $11,000,000
Swift Creek Natural Asbestos Flood Ctrl and Cleanup

Project Summary
Swift Creek is a small creek in the northeastern lowlands of Whatcom County. An ongoing landslide that started in the late 1930s or early 1940s has resulted in a large load of naturally occurring asbestos and heavy metal contaminated sediment continuously filling up the creek bed. This request will fund the construction of sediment traps, debris flow deflection levees, and complete the design and permitting for large sedimentation basins. These remediation actions will minimize public and environmental health impacts associated with exposure to asbestos. This request offers an interim solution that will address the historic liability of dredging and managing the sediment by stockpiling it next to the creek, and fund facilities needed to capture sediment over the next 10 to 15 years, depending on the rate of sedimentation. It provides time to develop a long-term strategy to either stabilize the slide or provide for ongoing management of the sediment with help from the Army Corps of Engineers.

Project Description

What is the proposed project?
Ecology became involved in 2006 through our role in the issuance of a 401 water quality certification for a 404 permit (issued by the Army Corps of Engineers) authorizing Whatcom County to conduct additional dredging of Swift Creek, and concerns about Model Toxics Control Act liability. As the project evolved over time, it became clear that neither Whatcom County nor the Environmental Protection Agency (EPA) had the resources alone to address the problems at this site. Subsequent discussions led Ecology to enter into a partnership with these agencies via a Joint Agency Agreement (JAA). This agreement details an interim strategy to reduce flood risks and reduce the transport of asbestos-containing sediment downstream and across the floodplain. Each party’s commitment to the agreement and investments are outlined below.

This request will fund construction of sediment traps and debris-flow deflection levees and complete design and permitting for large sedimentation basins. Securing state funding will fulfill Ecology’s commitment outlined in the JAA to share costs by seeking capital funding for building the sediment management facilities. Because the major long-term expense is construction of sediment basins to capture future sediment loading to alleviate flooding, Ecology proposes this be funded from the State Building Construction Account (SBCA). This funding mechanism is consistent with how the Legislature has funded other flood control projects in Ecology’s and other agencies’ budgets. This request is for the first two years of funding needed for this project. Additional state funding will be needed in the 2017-19 biennium as outlined in the ten year detail.

Below is a cost summary of the specific tasks identified in this request:

- $ 947,457 Construct sediment traps
- $ 976,330 Construct Upper Deflection Levee
- $ 163,619 Dredging to maintain flow under bridges
- $ 200,000 Emergency dredging contingency
- $2,287,406 Construction subtotal

- $1,083,500 Engineering and design (for $15 million project over four to six years)
- $ 441,750 License/permit fees (for $15 million project over four to six years)
- $1,525,250 Design and permitting subtotal

$3,812,656 Grand Total 2015-17 Budget Request

Consistent with the JAA, Ecology requests state capital appropriation to pass-through to Whatcom County through an interagency agreement.
EPA and Whatcom County have made ongoing contributions and have additional responsibilities for the project under the JAA. Right now, Ecology assumes no significant land purchases will be needed to accomplish the proposed remedy. EPA is currently negotiating an access agreement with the largest affected landowner. Any emergency levee repairs resulting from this year’s floods will have already been accomplished by Whatcom County using local government funding. EPA is also evaluating whether they have funding to help with this year’s repairs.

EPA has incurred approximately $3 million in expenses on the Swift Creek project. A partial list of their expenditures includes:

- $514,000 Removal action to stabilize the sediment piles
- $925,000 Extensive four year surface water turbidity study by U.S. Geological Survey
- $1,400,000 Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) work including activity based sampling, alternative sediment retention sites evaluation, engineering evaluation and cost analysis of cleanup alternatives.

Under the JAA, EPA’s contributions include providing technical assistance and regulatory input for design and construction, excavating and/or stabilizing dredged materials, and transporting and placing dredged materials at staging areas. Whatcom County and its Flood Control Zone District contributions include assessing feasibility of rerouting a portion of Swift Creek to reduce transport of asbestos-containing sediment, undertaking alternatives analysis of potential repository locations, providing funds for routine operations and maintenance, and preparing annual reports for the project.

What opportunity or problem is driving this request?

The reason for the project:

Because this contamination is naturally occurring, many agencies have been struggling to respond to the situation. Whatcom County does not have the financial resources to deal with this problem and has asked the state and federal governments for help. The federal government has provided significant staff time for technical assistance and funding for sediment testing and stabilizing existing sediment piles. The county makes annual investments in maintenance dredging. But, with no place to put the sediment, they will be unable to continue dredging in the future. Funding this request will begin investment in the interim strategy outlined in the JAA and demonstrate that the state is in partnership with these agencies to move toward a long-term solution to address this significant human health and environmental problem.

The effects of non-funding:

Failure to manage Swift Creek sediment according to this plan would result in the creek filling with sediment, overflowing its banks and depositing asbestos and metals contaminated sediment on nearby farmland, residential lands, and wetlands. This nearly happened in spring 2014. Emergency dredging and levee repair by Whatcom County averted a flood.

Once the creek leaves its current channel, it is unlikely to return. The current channel is choked with sediment and is several feet above the surrounding land. The creek’s flow, and the contaminated sediment it carries, is only confined to the channel by large dikes.

The sediment, and the asbestos and metals containing it, would continue to move. It would likely spill over into un-impacted Breckenridge Creek and its high quality wetlands. This creek and associated wetlands are an important salmon spawning habitat. Sediment loading on the Sumas River would also increase. Eventually, dredging would be needed in that river too. And, as the sediment moves down the Sumas River, it would impact numerous farms and developed areas within the cities of Nooksack and Sumas and their urban growth areas. This happened in 2009 when a flood deposited sediment with asbestos concentrations in excess of 20 percent on the banks of the Sumas River.

How does the project support the agency and statewide results?

This project is essential to implementing a priority in Ecology’s strategic plan of Preventing and Reducing Toxic Threats. This
Swift Crk Natural Asbestos Flood Ctrl and Cleanup

**Description**

will be accomplished by capturing and removing sediment from Swift Creek before it flows into the Sumas River, which flows north to the Fraser River and then discharges to Puget Sound. Without this project, the creek bed would continue to fill up with sediment and overtop its banks, flooding and contaminating nearby lowlands and wetlands with naturally occurring asbestos and metals. Several county roads and bridges, along with a number of private residences, farms and businesses, could be impacted.

This request is essential to support the Governor’s budget and economic development priorities by investing funds to protect public health and natural resources. Specifically it addresses:

**Goal 3/Goal Topic/Sub-Topic:** Sustainable Energy and a Clean Environment/Sustainable and Clean Energy Reduce our greenhouse gas emissions/Clean Transportation is supported by this request.

3.1.1 Reduce transportation related greenhouse gas emissions from 44.9 mmt/year(projected 2020) to 37.5 mmt/year (1990) by 2020.

Managing Swift Creek sediment will reduce the need to dredge after the sediment has been deposited in the creek and adjoining areas, an energy intensive activity.

Goal 3/Goal Topic/Sub-Topic: Sustainable Energy and a Clean Environment/Healthy Fish and Wildlife Protect and restore Washington’s wildlife/Pacific Salmon is supported by this request.

3.2.2 Increase the percentage of ESA listed salmon and steel-head populations at healthy, sustainable levels from 16 percent to 25 percent by 2022.

The Sumas River, its tributaries and associated wetlands are important Pacific salmon habitat. Managing Swift Creek sediment according to the plan will protect this important fishery from being smothered by sediment that is inhospitable to aquatic life.


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

Managing Swift Creek sediment will clean up historic contamination and prevent further contamination of lands in the vicinity of the creek and Sumas River.

3.2.2 Increase the percentage of rivers meeting good water quality from 43 percent to 55 percent by 2020.

Swift Creek and the Sumas River are heavily impacted by the sediment loading from the landslide. During rainfall events, the turbidity, nickel and asbestos levels in these water bodies exceed water quality criteria. Managing Swift Creek sediment will greatly reduce these impacts.

This request makes a key contribution to statewide results by preserving, maintaining and restoring natural systems and landscapes. Building sediment management facilities to capture contaminated sediment will provide ongoing management and future safeguards to Swift Creek and the surrounding areas.

This request would rate high in the Priorities of Government process because it provides the resources to clean up and prevent future threats from this naturally occurring source of asbestos and heavy metal contamination. This request is linked to the program activity “Clean up the most contaminated sites first (upland and aquatic)” (A005).

The request supports the POG strategy of "improving the quality of Washington's natural resources,” including the following strategies: Preserve and restore natural systems, safeguards and standards. Cleaning up toxic sites protects human health, as
Description

well as the environment, and is necessary to achieve three other POG categories: Improve the health of Washington's citizens, improve the economic vitality of businesses and individuals, improve cultural and recreational opportunities throughout the state.

What are the specific benefits of this project?

Funding this request prevents further threats to human health and the environment from the asbestos and metals in these sediments. It also helps protect Puget Sound (where these sediments will eventually discharge). While this doesn’t support new economic development, it does help preserve valuable farm land that could be irreversibly contaminated if Swift Creek or the Sumas River flood and smother fields with contaminated sediment.

Economic Impact: This project will also provide economic benefits to the state by creating up to 27 jobs during the next two years based on estimates form the Office of Financial Management.

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

Right now, Whatcom County is responding to Swift Creek sediment accumulations on an emergency basis when the sediment builds up to the point of causing Swift Creek to flow out of its channel. This request will invest in a planned, more systematic approach to managing the accumulated sediment. It will help fulfill the state’s obligations under the JAA between Whatcom County, Ecology, and EPA.

Are FTEs required to support this project?

No FTE will be needed for this project.

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

This request will allow local government to continue addressing this threat to human health and the environment from the asbestos and metals in these sediments.

This request was developed and shared with stakeholders and the Attorney General’s Office. Those parties support this request. In addition, several local legislators and representatives from the offices of Congressman Rick Larson, Senator Patty Murray and Senator Maria Cantwell have been interested in addressing the problems at this site and have participated in conference calls, site visits, and other communications over this issue.

What is the impact on the state operating budget?

This request will not affect the state operating budget.

Why is this the best option or alternative?

There are currently no alternative fund sources available. The county has requested funding for an Army Corps of Engineers project, but it will likely take several years for their request to be funded.

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

Ecology requests the state’s portion of the project be funded through the SBCA because this is consistent with how the Legislature has funded other flood control projects in Ecology’s and other agencies’ budgets. Federal and local funding also support the project as described in the JAA.

Project Type

Grants
Description

Grant Recipient Organization: Whatcom County
RCW that establishes grant: N/A
Application process used: N/A

Growth Management impacts
This project will help preserve farmland and open space, resulting in less pressure to redevelop these areas, supporting GMA.

Funding

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Operating Impacts

No Operating Impact
## Expected Use of Bond/COP Proceeds

**Agency No.** 461  
**Agency Name** Department of Ecology  
**Contact Name:** Angie Wirkkala  
**Phone:** 360-407-7219  
**Fund(s) Number:** 057  
**Project Number:** 30000430

### Questions

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No  
   - Either Whatcom County or 3rd Party Trust

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No  
   - Either Whatcom County or 3rd Party Trust

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
   - Yes  
   - No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes?  
   - Yes  
   - No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  
   - Yes  
   - No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
   - Yes  
   - No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  
   - Yes  
   - No

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

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

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

**Starting Fiscal Year:** 2016

**Project Class:** Grant

**Agency Priority:** 15

**Project Summary**

This request will continue cleanup work related to former ASARCO smelter sites in Everett and Tacoma, and mining operations in eastern Washington. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. ASARCO also owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Cleanup Settlement Account)

**Project Description**

**What is the proposed project?**

The Cleanup Settlement Account (CSA) was created by the Legislature in 2008 as an interest-bearing account in the state treasury to manage money from settlements or court orders in cases of bankruptcy, limited ability to pay or natural resource damages. The account ensures settlement funds are linked to specific site cleanup activities or to address injuries to natural resources.

Ecology needed this new account because it anticipated several large settlements – one of them being the ASARCO settlement. In November 2009, ASARCO emerged from bankruptcy, having paid out a $1.79 billion settlement. Washington's share was deposited in the CSA in December 2009.

Beginning in the 2010 Supplemental Budget, Ecology received its initial appropriation from the CSA to implement its ten-year cleanup plans for the Tacoma Smelter Plume, Everett Smelter site, and the mine sites in northwest and eastern Washington. The Legislature funded years one through five of these plans; this request will fund years six and seven.

**Tacoma Smelter Plume - $8.42 million and 10.4 project FTEs**

Approximately two-thirds of the 2015-17 budget request will support a program to remove contaminated soils from residential yards. The Soil Safety Program will finish cleaning up contaminated park play areas, and continue soil sampling for new licensed childcares. This free technical assistance program will promote soil cleanup during development projects and will help other agencies and local governments institutionalize soil sampling and cleanup requirements. Funds will also support Dirt Alert outreach programs to raise awareness and promote behaviors that reduce soil contact, especially for families with children. Funds will support:

- Clean up 210 residential yards in north Tacoma and on southern Vashon-Maury Island.
- Sample approximately 40 new licensed childcares, and clean up three to four parks and any contaminated childcare play areas.
- Provide around 15-20 development projects with free technical assistance and cleanup approval for addressing plume contamination.
- Teach 100,000 people about reducing soil contact through home visits, events, mailers, and interactive media.

**Everett Smelter Site - $3.52 million and 4.0 project FTEs**

In Everett, new funds will be dedicated to cleanup work in the Upland (residential area on the west side of the site), more investigation in the Lowland (industrial area on the east side of the site) and community outreach and education.
In the Upland area, new funds will support continued:

– Removal of contamination from residential properties reducing residents’ risk of potential exposure. Twenty properties (five acres) will be cleaned up.
– Soil sampling in the cleanup area. Approximately 24 acres (about 100 properties) will be sampled. Results will help determine where future cleanup is needed.

In the Lowland, new funds will help determine the full extent of contamination in this area and examine possible cleanup alternatives. So far, work has verified there is a deep groundwater plume that extends east toward the Snohomish River. New funds will support:

– Continued supplemental remedial investigation, which includes additional groundwater, soil and surface water sampling, and a report summarizing all findings. This work will fill in data gaps and help clearly identify the source of the groundwater plume.
– An interim action to remove plume source material in an area near the original smelter located at the intersection of Highway 529 and East Marine View Drive.
– A feasibility study examining cleanup alternatives for the entire Lowland area.
– Development of a cleanup action plan (CAP) to address all remaining contamination in the Lowland.

Van Stone Mine Site - $0.2 million and 0.3 FTEs

Once the reappropriation projects 30000334 and 30000280 and the funds from this request are spent, the Van Stone Mine’s portion of the CSA will be zero. Ecology will complete a feasibility study and develop a CAP. Total estimated costs for cleanup will not be available until the CAP is complete. But, Ecology expects the settlement funding available for this cleanup will only support a portion of the cleanup costs at this site. Ecology will work with the single viable potentially liable party to reach agreement on funding the cleanup. If we are unable to reach agreement, Ecology may request funding from the State Toxics Control Account or the Environmental Legacy Stewardship Account to implement the remedy.

What opportunity or problem is driving this request?

The reason for the project:

In late 2009, Washington State received settlement funds from ASARCO to pay for cleanup costs at its former smelter operations in Tacoma and Everett and its mining operations located in northwest and eastern Washington. The proceeds from this settlement were deposited into the CSA and can only be used to pay for cleanup costs associated with these former ASARCO sites. Ecology developed ten-year cleanup plans to address the cleanup work needed within the Tacoma Smelter Plume, Everett Smelter site, and at the former mining operations in northwest and eastern Washington. In the 2010 Supplemental Budget, the Legislature appropriated spending authority from the CSA to begin implementing the plans. This request will provide the needed spending authority to continue the ASARCO cleanups in the 2015–17 biennium.

The effects of non-funding:

The settlement funds received and deposited in the CSA would not be available for cleanup activities if this new appropriation authority is not approved. Without a new appropriation, cleanup at the former ASARCO smelter and mining sites would stop once all reappropriated funds are spent, leaving cleanups incomplete. Stopping and restarting these projects would delay cleanup and likely increase total costs.

How does the project support the agency and statewide results?

This project is essential to implementing a strategic priority in Ecology’s strategic plan because it supports the priority to “Reduce Toxic Threats.” It also supports Ecology’s strategic plan objective to “Clean up Toxic Sites.” It contributes resources to continue activity A005, “Clean the Worst Contaminated Sites First.”
Description

This request supports Puget Sound Action Agenda implementation through strategy C9 "Address and clean up cumulative water pollution impacts in Puget Sound," substrategy C9.2 "Clean up contaminated sites within and near Puget Sound." This request relates to the Puget Sound Action Agenda strategy and substrategy by reducing and controlling the sources of pollution. Cleaning up the former ASARCO smelter sites in Tacoma and Everett that are contaminated with arsenic, lead, and other contamination supports the Action Agenda by returning a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem.

This request is essential to support the Governor’s budget and economic development priorities by investing funds to protect public health and natural resources. This request will also support Results Washington by cleaning up and managing contaminated upland sites and contaminated sediments in the aquatic environment. Specifically it addresses:

Goal 3/Goal Topic/Sub-Topic: Sustainable Energy and a Clean Environment/Clean and Restored Environment *Keep our land, water and air clean/Healthy Lands*

3.3.1 – Increase the number of contaminated sites cleaned up by 17 percent from 5,815 to 6,803 by 2020.
3.3.1.a – Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016.

This request supports the Priorities of Government (POG) result of "Improving the Quality of Washington's Natural Resources," including the following strategies:

– Preserve and restore natural systems.
– Establish safeguards and standards.

Cleaning up toxic sites protects human health, as well as the environment, and is necessary to achieve at least three other POG results:

– Improve the health of Washington's citizens.
– Improve the economic vitality of businesses and individuals.
– Improve cultural and recreational opportunities throughout the state.

What are the specific benefits of this project?

Funding this request will continue cleanup activities at the Everett Smelter site, Tacoma Smelter Plume, and at the mine sites. Soil sampling and remediation planning work will continue as outlined in the ten-year cleanup plans. After cleanup work is completed over the next several years, public health and the environment will be better protected from these toxic chemicals.

This project will also provide economic benefits to the state by creating up to 83 jobs during the next two years, based on estimates from the Office of Financial Management.

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

Local governments and homeowners in the contaminated areas will receive guidance and technical support regarding sampling for contaminants and guidance on how to implement remediation activities on their properties.

Are FTEs required to support this project?

This project requires a total of 14.66 FTEs, including 12.75 direct FTEs and 1.91 FTEs for Agency Administrative Overhead. These FTEs will continue to support the ASARCO remediation activities as part of the ten-year cleanup plan. In the 2013-15 biennium, 10.75 direct FTEs support this project, but two additional direct FTEs are requested for the 2015-17 biennium for field coordinators.
Tacoma Smelter Plume: Two existing field coordinators in the Tacoma Smelter Plume prepare cleanup plans, oversee contractors and coordinate with homeowners and park districts. One existing field coordinator manages yard and park cleanups on Vashon Island, the other manages yard cleanups in Ruston and Tacoma. This request will add a new, third field coordinator to manage half of the estimated 1,100 yard cleanups in Ruston and Tacoma.

Everett Smelter Plume: One existing construction manager in the upland Everett Smelter Plume site prepares cleanup plans and specifications, oversees general contractors, samples and maps properties and coordinates with homeowners and park districts. And, there is one existing field coordinator that manages yard and park cleanups. This request will add a new field coordinator (for a total of two field coordinators) to oversee the cleanup of 50 to 100 properties (yards and a park facility) each year in Everett.

Adding both of these positions to the ASARCO cleanup projects will keep yard and park cleanups on track with the ten-year plan and will save money. Ecology won’t rely on consultants to plan, oversee and coordinate yard and park cleanups. The estimated savings equal about $50,000 to $100,000 per site depending on its size and whether the area is being cleaned up under the Everett or Tacoma cleanup action plan. The Everett Smelter cleanup is more expensive than the Tacoma remediation because the cleanup action plan requires more extensive property cleanup. The deposition of the contamination in Everett was in a more concentrated area. There are extremely high levels of arsenic in the soil at depths exceeding several feet.

A related 2015-17 Capital Budget reappropriation request (ASARCO Tacoma Smelter Plume and Mines 30000280) includes 0.92 FTEs (0.80 FTEs ASARCO Project Staff and 0.12 FTEs Agency Administrative Overhead) to continue remediation activities at the Monte Cristo and Golden King Mines.

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

Local government, including schools, will benefit from investing cleanup settlement dollars into implementing the ten-year cleanup plans because Ecology will direct funding to the best approaches to address risks from contaminated soils at schools, parks, childcare facilities, and camps. Also, local government planning offices will receive guidance on how to incorporate sampling and remediation when permitting new developments or redevelopment in the contaminated zones.

What is the impact on the state operating budget?

This request will not have an impact on the state Operating Budget.

Why is this the best option or alternative?

There is no other mechanism to access the funds in the CSA.

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

Settlement funds from this bankruptcy deposited into the CSA are to be used exclusively for cleaning up ASARCO contaminated sites.
**Description**

**Grant Recipient Organization:** Department of Ecology  
**RCW that establishes grant:** chapter 70.105D RCW  
**Application process used**  
This is a capital project directly operated and controlled by Ecology.

**Growth Management impacts**  
None

**Funding**

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**Operating Impacts**

No Operating Impact

**SubProjects**

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<td>30000539</td>
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This request will continue cleanup work related to former ASARCO smelter sites in Everett and Tacoma, and mining operations in eastern Washington. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. ASARCO also owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Cleanup Settlement Account)

**Project Description**
Approximately two-thirds of the 2015-17 budget request will support a program to remove contaminated soils from residential yards. The Soil Safety Program will finish cleaning up contaminated park play areas, and continue soil sampling for new licensed childcares. This free technical assistance program will promote soil cleanup during development projects and will help other agencies and local governments institutionalize soil sampling and cleanup requirements. Funds will also support Dirt Alert outreach programs to raise awareness and promote behaviors that reduce soil contact, especially for families with children.

**Location**
City: Tacoma  
County: Pierce  
Legislative District: 027

**Project Type**
Grants

**Grant Recipient Organization:** Department of Ecology

**RCW that establishes grant:** chapter 70.105D RCW

**Application process used**
This is a capital project directly operated and controlled by Ecology.

**Growth Management impacts**
None

**Funding**

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Project Description
This project will fund: 1) cleanup and soil sampling in the cleanup area for the Upland (a residential area on the west side of the site); 2) more investigation to determine the full extent of contamination and examine possible cleanup alternatives in the Lowland (industrial area on the east side of the site); and 3) community outreach and education.
## SubProjects

**SubProject Number:** 30000540  
**SubProject Title:** Everett Smelter Plume

**Grant Recipient Organization:** Department of Ecology  
**RCW that establishes grant:** chapter 70.105D RCW  
**Application process used:** This is a capital project directly operated and controlled by Ecology.

**Growth Management impacts**  
None

### Funding

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### Operating Impacts

**No Operating Impact**

**SubProject Number:** 30000541  
**SubProject Title:** Van Stone Mine
This request will continue cleanup work related to former ASARCO smelter sites in Everett and Tacoma, and mining operations in eastern Washington. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. ASARCO also owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Cleanup Settlement Account)

Ecology will complete a feasibility study and develop a cleanup action plan (CAP). Total estimated costs for cleanup will not be available until the CAP is complete. But, Ecology expects the settlement funding available for this cleanup will only support a portion of the cleanup costs at this site.

City: Unincorporated
County: Stevens
Legislative District: 007

Grant Recipient Organization: Department of Ecology
RCW that establishes grant: chapter 70.105D RCW
Application process used: This is a capital project directly operated and controlled by Ecology.

Growth Management impacts
None

Funding

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SubProjects

SubProject Number: 30000541
SubProject Title: Van Stone Mine
Operating Impacts
No Operating Impact

SubProject Number: 30000648
SubProject Title: ASARCO Cleanup Ten-Year Financing Plan
Starting Fiscal Year: 2016
Project Class: Grant
Agency Priority: 15

Project Summary
This request will continue cleanup work related to former ASARCO smelter sites in Everett and Tacoma, and mining operations in eastern Washington. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. ASARCO also owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. Related to Puget Sound Action Agenda implementation. (Cleanup Settlement Account)

Project Description
The ten-year plan estimates reflect the funding for this project as outlined in the 2012 Model Toxics Control Accounts Ten-Year Financing Plan. The 2012 report included funding needs for a ten-year period starting in the 2013-15 biennium through the 2021-23 biennium. Data for the 2023-25 biennium and updates to the ten-year plan estimate will be available in the updated 2014 Model Toxics Control Accounts Ten-Year Financing Plan in September 2014.

Location
City: Statewide
County: Statewide
Legislative District: 098

Project Type
Grants

Grant Recipient Organization: Department of Ecology
RCW that establishes grant: chapter 70.105D RCW
Application process used
This is a capital project directly operated and controlled by Ecology.

Growth Management impacts
None
SubProjects

SubProject Number: 30000648
SubProject Title: ASARCO Cleanup Ten-Year Financing Plan

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Operating Impacts

No Operating Impact
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<th>Leg. District*</th>
<th>Latitude*</th>
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<td>Tacoma Smelter Plume</td>
<td>$8,419,000</td>
<td>Approximately two-thirds of the 2015-17 budget request will support a program to remove contaminated soils from residential yards. The Soil Safety Program will finish cleaning up contaminated park play areas, and continue soil sampling for new licensed childcares. This free technical assistance program will promote soil cleanup during development projects and will help other agencies and local governments institutionalize soil sampling and cleanup requirements. Funds will also support Dirt Alert outreach programs to raise awareness and promote behaviors that reduce soil contact, especially for families with children.</td>
<td>7/2015</td>
<td>SWRO</td>
<td>N/A this is a cleanup project funding work across the smelter plume.</td>
<td>Tacoma</td>
<td>Pierce</td>
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<td>Everett Smelter Plume</td>
<td>$3,521,000</td>
<td>This project will: 1) support cleanup and soil sampling in the cleanup area for the Upland (a residential area on the west side of the site); 2) fund more investigation to determine the full extent of contamination and examine possible cleanup alternatives in the Lowland (industrial area on the east side of the site); and 3) community outreach and education.</td>
<td>7/2015</td>
<td>NWRO</td>
<td>N/A this is a cleanup project funding work across the smelter plume.</td>
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<td>Van Stone Mine</td>
<td>$206,000</td>
<td>Ecology will complete a feasibility study and develop a cleanup action plan (CAP). Total estimated costs for cleanup will not be available until the CAP is complete. But, Ecology expects the settlement funding available for this cleanup will only support a portion of the cleanup costs at this site.</td>
<td>7/2015</td>
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* The city, county, legislative district are tied to the Latitude/Longitude coordinates provided which are within the plumes. However, there are likely multiple cities, counties and legislative districts impacted by these contaminated sites. This is a cleanup project funding work across the smelter plumes.
Description

Starting Fiscal Year: 2016
Project Class: Grant - Pass Through
Agency Priority: 19

Project Summary
Exposure to diesel exhaust, our state's number one airborne health threat, increases cancer risk and causes or worsens asthma, heart disease, and lung diseases. Public exposures are notably increased near urban areas, ports, distribution centers, rail yards, and transportation corridors. This is where heavy-duty diesel engines on buses, trucks, locomotives, cargo-handling equipment, and vessels operate close to populated areas. Strategies to reduce these emissions include exhaust retrofits, idle-reduction programs, installing idle-reduction technologies, engine replacement, vehicle/equipment replacement, and fuel-efficiency measures. Installing these technologies greatly reduces public health costs, lessens operating expenses for engine owners, and reduces greenhouse gas emissions. Ecology requests $5.5 million for grants to local entities to reduce diesel emissions in high-risk diesel pollution areas statewide. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

What is the proposed project?

Ecology proposes to spend $5.5 million on clean diesel projects that will focus on reducing emissions in high-risk, densely-populated urban areas, especially at and near ports. The grant program will also fund projects in non-port areas that reduce emission exposures to sensitive populations, such as children and the elderly; economically-disadvantaged communities or communities with environmental justice concerns; and people with existing health problems that put them at increased risk.

Over its ten-year life, the Clean Diesel Program has:

- Installed more than 12,000 emissions controls on about 9,000 engines;
- Installed idle reduction technologies on 1,000 diesel engines;
- Scrapped and replaced 122 very old school buses with new school buses;
- Scrapped and replaced 325 old port container trucks with newer trucks; and
- Replaced 375 diesel fueled orchard heaters with low-emission propane heaters.

The school bus retrofits and replacements reduce harmful exposure risk for the 450,000 children that ride a school bus every school day. Combined, these actions prevent tons of highly toxic pollution from contaminating Washington communities each year. Ecology estimates the grant need for idle reduction, exhaust capture, engine/equipment replacement, school bus replacement, shorepower, and small demonstration projects exceeds $170 million.

Ecology will continue to prioritize installation of idle reduction technologies on:

- High-priority diesel-fueled school buses,
- Emergency response vehicles,
- Transit buses,
- Public works vehicles,
- Cargo-handling equipment,
- Construction equipment, and
- Heavy-duty trucks that operate at and near ports.

We estimate the need for installing idle reduction technology for school buses (statewide), emergency response vehicles (Central Puget Sound only), and port equipment (Central Puget Sound only) exceeds $36 million.

Ecology may also offer partial funding assistance, with an owner/operator match requirement, to:
Description

- Scrap and replace pre–1994 school buses with new school buses.
- Replace diesel-fueled cargo-handling equipment with electric or diesel/electric hybrid equipment.
- Install truck stop electrification systems that eliminate engine idle time for heavy–duty trucks.
- Install dockside electrification to reduce large marine engine idling.
- Scrap and replace, or repower with new engines, pre–2007 heavy–duty diesel trucks that operate at or near ports.
- Repower certain marine vessel (tugboats and other harborscraft) and locomotive engines.
- Repower/replace transit and public works vehicles.
- Replace diesel–fueled orchard heaters with low-emission alternatives, such as propane–fueled orchard heaters or other alternative freeze–prevention technologies.

Ecology also plans to participate in:

- Environmental “Green” Certification Programs for Marine Vessels: Offering monetary or other incentives to marine vessel owners who go above and beyond existing environmental standards. Ocean-going vessels are a substantial source of toxic diesel pollution. “Green” activities are certified and benchmarked by an independent third party, such as Environmental Ship Index or Green Marine.
- Demonstration and Pilot Projects: Smaller projects designed to demonstrate to diesel engine owners the viability of new, emerging clean diesel technologies or established technologies that are not yet adopted broadly in the market.

What opportunity or problem is driving this request?

The reason for the project:

Diesel exhaust is the state’s highest–risk toxic air pollutant. The International Agency for Research on Cancer has concluded that diesel exhaust is carcinogenic to humans (IARC Monograph 105 at http://monographs.iarc.fr/ENG/Monographs/vol105/index.php). It contains fine particles, carcinogenic substances, black carbon, volatile organic compounds (VOCs), and carbon dioxide. Fine particles, and the chemicals attached on the surface of those particles, increase the risks of serious heart and lung diseases, and some cancers. Those particles that fall to the ground within a short distance of emission also provide a way for toxic substances to get into stormwater and eventually to downstream water bodies, including Puget Sound. The VOCs contained in the exhaust react with other chemicals and sunlight in the atmosphere to create ozone – a toxic air pollutant with known, serious adverse public health effects. Carbon dioxide and black carbon emissions impact climate change.

Large numbers of diesel trucks, locomotives, cargo–handling equipment, and marine vessels operate at and near our ports, freight distribution centers, rail yards, truck stops, warehouses, and large construction sites, significantly increasing public exposure to toxic emissions. Operators frequently idle large diesel engines to maintain engine operating temperature and to operate on–board heaters, refrigerators, computers, air conditioners, and lights. Operating and idling engines can create health exposure risks close to schools, hospitals, nursing homes, and day care centers.

More widespread community exposures can occur when many engines operate and idle in concentrated areas. Densely–populated and economically–disadvantaged communities clustered nearby are exposed to higher amounts of air pollution than people in other areas. Continuing to reduce these emissions is an important health concern for these communities and a priority for Ecology. Reducing emissions near ports also helps protect the waters of Puget Sound by reducing airborne pollutants deposited to surface waters.

In both urban and rural areas, reducing children’s exposure to diesel emissions is another high priority. Ecology will continue to help replace high–polluting, pre–1994 school buses that are too old and too polluting for exhaust retrofit emissions controls. Installing idle–reduction technologies on all school buses also helps eliminate exposure in school yards and school buildings.

In agricultural areas in Central and Eastern Washington, some economically–disadvantaged communities are exposed to toxic emissions from diesel–fueled orchard heaters. Replacing these heaters with low-emission alternatives, such as propane–fueled orchard heaters or large fans that circulate air, can also help reduce toxic exposures.
Description
New idle reduction technologies preheat engines, or automatically shut off engines after preset criteria are met or elapsed times have occurred. Also, small auxiliary engines, or auxiliary battery systems, can be used to operate necessary onboard fuel distribution, heating/cooling, and other electronic equipment and operational systems. Reducing engine idle time not only reduces emissions of, and exposure to, toxic emissions and the emissions that cause climate change, but reduces fuel use (saving owner/operators money and reducing state dependence on foreign sources of oil). It also conserves large, capital equipment by reducing operating hours and maintenance.

In summary, this project will:

– Reduce public exposures to harmful toxic and carcinogenic pollutants.
– Reduce public health care costs.
– Reduce deposition of harmful pollutants to run-off and surface waters, including Puget Sound.
– Reduce climate changing emissions.
– Reduce fuel use and equipment operating costs.
– Help public sector entities get access to scarce capital resources that help them save money.

The effects of non-funding:
If this request is not funded, people would continue to be exposed to excessive levels of highly toxic diesel emissions. This would result in ongoing levels of serious disease and expensive community health–care costs. The California Air Resources Board estimates that every $1 spent toward diesel emission reduction saves $8 in health care and societal costs of diesel health impacts. (“Quantification of the health impacts and economic valuation of air pollution from ports and goods movement in California,” March 21, 2006)

Specific impacts of non-funding include:

– Failure to replace the oldest school buses and install idle reduction technology on all school buses means children would continue to be exposed to emissions on the bus and in school yards.
– People who live and work near high–concentration diesel pollution areas would continue to be exposed and harmed by high levels of pollution.
– The benefits of diesel reductions to stormwater run–off, pollution to waters of the state and Puget Sound, as well as climate benefits, would be lost.
– Local governments with limited resources would not have funds to make necessary equipment upgrades that can save them money on high fuel, maintenance, and capital equipment replacement costs.
– People who live and work near orchards that use diesel–fueled orchard heaters would continue to be exposed to very high levels of toxic diesel emissions.

How does the project support the agency and statewide results?
This request is essential to implementing a strategic priority in Ecology’s strategic plan because it reduces public exposure to highly toxic substances that are a threat to public health. Reducing fine particle and other toxic diesel emissions is consistent with Ecology’s strategic priorities to Prevent and Reduce Toxic Threats and Protect and Restore Puget Sound, as well as the Governor’s Results Washington Goal 4, Healthy and Safe Communities. Also, eliminating unnecessary emissions of greenhouse gases and black carbon address Ecology’s and the Governor’s joint priority to Reduce and Prepare for Climate Impacts.

This request provides essential support to the Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment, under Goal Topic Clean and Restored Environment, because reducing emissions from diesel engines is a Leading Indicator (3.3.a) to achieve clean air.

This request supports Puget Sound Action Agenda implementation through strategy C1, Prevent, Reduce, and Control the Sources of Toxic Contaminants Entering Puget Sound and substrategy C1.3, Adopt and implement plans and control strategies to reduce pollutant releases into Puget Sound from air emissions, by eliminating excess toxic diesel contamination entering the...
Reducing exposure to toxic chemicals reduces the public health risks of significant disease and the related health care costs. The greatest benefits are achieved in those areas where large diesel engines are currently operated and idled, particularly in and around places like schools, hospitals, bus barns, ports, harbors/marinas, distribution centers/warehouses, and rail yards. Over the past several years, Ecology has retrofitted pre–2007 school buses and public sector diesel equipment with exhaust retrofit technologies that capture toxic fine particles during all modes of operation. These technologies have reduced emissions on each engine between 30 percent and 95 percent, depending on the age and type of engine, and the available retrofit technology.

Idle–reduction is a complementary diesel emission control strategy that has additional benefits. Exhaust particle–capture systems are never as effective as turning off an engine when it is not needed, and they do not capture the volatile chemicals that contribute to ozone formation or the carbon dioxide that contributes to climate change. Nor do exhaust capture systems conserve fuel. Reducing idling reduces toxic emissions and also cuts fuel costs and reduces engine wear, which can extend the life of very expensive equipment.

Diesel engine retrofits, repowers, and installing idle reduction technology support and maintain jobs for heavy-duty engine mechanics in the state and local economies.

Economic Impact: This project will provide economic benefits to the state, and create 31 jobs during the 2015-2017 biennium, based on Office of Financial Management estimates.

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

Ecology will be able to continue existing efforts to reduce harmful diesel pollution in communities around the state.

People who live and work near high–exposure areas will be protected from increased incidence of serious disease. Citizens, businesses, and governments will save on health care costs related to the adverse health effects of diesel pollution exposure. Children riding school buses will be exposed to significantly fewer toxic pollutants.

Public operators of diesel equipment will save on fuel and operating costs. Ecology’s Clean Diesel Team provides expert staff and contractors that help client fleets select appropriate exhaust capture and idle reduction technologies. These technologies reduce emissions, conserve fuel, preserve expensive emissions controls, and reduce engine maintenance costs.

School districts that still rely on 1980s-1990s vintage school buses can scrap and replace old, high–polluting, fuel–inefficient and less reliable buses with newer buses. The newer buses will produce fewer emissions, operate more fuel efficiently, and require less maintenance and down time.

Are FTEs required to support this project?

This project requires a total of 3.34 FTEs, including 2.90 FTEs to administer grants and manage projects, and 0.44 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium. These positions will continue to administer current fleet programs, plus develop and implement all programs under the new appropriation. These positions implement the diesel emission reduction grant program, including evaluating client needs and solutions, soliciting applications, making awards, contracting with award recipients, contracting with vendors, providing technical assistance, processing vendor/recipient payments, closing grant awards, and collecting grantee data on performance enhancements.

How will the other state programs or units of government be affected if this project is funded?
Description
This request provides funds to upgrade engines, reduce pollution, and lower operating costs – benefitting local public agency staff and budgets. (For example, Ecology estimates that installing $356,000 in diesel pollution reduction technologies on 37 emergency response vehicles in Thurston County will save between $200,000 and $700,000 in fuel and maintenance costs each year.) Grant funds will focus on reducing emissions in high-risk, densely-populated urban areas, especially at and near ports, where many diesel engines operate and create high public exposure risk. Local school districts can scrap and replace old, inefficient, high-polluting buses with new, cleaner, more efficient buses reducing health risks for thousands of children who ride those buses each year.

What is the impact on the state operating budget?
This grant program will not directly impact the state's Operating Budget. However, it is a complementary strategy to an operating budget request, "Preventing Non-attainment Areas," to fund necessary capacity and implementation strategies to reduce pollution in areas at risk of violating federal ozone and fine particle air quality standards throughout the state. We are also submitting a separate, but related, capital budget request, "Reducing Toxic Wood Stove Emissions," that supports reducing fine particulate matter statewide.

Why is this the best option or alternative?
Diesel equipment lasts a long time and is expensive to replace and/or retrofit. This means that older, more-polluting diesel engines remain in service for a long time. Financial incentives encourage owner/operators to upgrade, replace, retrofit, or supplement engine operating systems to make them cleaner.

Ecology does not expect to receive any federal funding in the 2015-17 biennium for diesel emission reductions. Washington's need to reduce toxic diesel emissions far exceeds the amount of available federal funds, and the demand for state grant funds far exceeds available amounts. Ecology's most recent statewide estimate of the need for project funds exceeds $170 million. (In the 2013-15 biennium, Ecology received applications for several million dollars worth of projects that we could not fund.)

What is the agency's proposed funding strategy for the project?
Ecology proposes using the State Toxics Control Account for this grant program. Recent amendments to the Model Toxics Control Act (chapter 70.105D RCW) allow funds from the State Toxics Control Account and the Environmental Legacy Stewardship Account to be used for actions reducing public exposure to toxic air pollution. Ecology will either grant funds directly to local governments or provide local governments with state contractors to perform these services.

Project Type
Grants

Grant Recipient Organization:
Multiple

RCW that establishes grant:
N/A - linked to RCW 70.94.017

Application process used
Grant awards will be based on viability of technology proposed, readiness to proceed, percent cost share, and projections of applicant's diesel and greenhouse gas emissions reduced. Ecology may pass grant money through to local air agencies to manage a grant process, or could manage the process with other federal and state diesel emission reduction projects currently underway at Ecology.

Growth Management impacts
None

Funding
Expenditures 2015-17 Fiscal Period
Project Number: 30000428
Project Title: Reducing Toxic Diesel Emissions

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### Operating Impacts

No Operating Impact
Model remedies are cleanup actions that Ecology has pre-approved for specific categories of contaminated sites to streamline the cleanup process so that protective cleanup actions are faster and less expensive. In response to legislation passed in 2013, Ecology is developing model remedies to address leaking fuel tanks and other common types of contaminated sites to help quickly and effectively restore the environment and protect public health. Leaks from underground fuel tanks can contaminate groundwater and cause significant environmental and human health risks. This request will focus funding specifically toward the development, implementation, and evaluation of these model remedies. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

Project Description

What is the proposed project?

The 2013 Legislature passed Second Engrossed Second Substitute Senate Bill (2E2SSB) 5296, which directed Ecology to develop model remedies and report back to the Governor and Legislature by November 1, 2016. Ecology’s initial focus has been to develop model remedies for leaking fuel tanks. Model remedies and the work we will complete with this funding are key parts of Ecology’s strategy to address leaking fuel tanks. Even a small amount of petroleum released from a fuel tank can contaminate groundwater, which serves as a source of drinking water for over 50 percent of Washington residents.

In the early 1990s, the Environmental Protection Agency (EPA) established new regulatory requirements to prevent petroleum releases. Many gas station owners went out of business because they could not afford the cost of complying with the new regulations. This left properties abandoned without owners or owners who were bankrupt and without resources to clean up the contamination. These abandoned properties created a large backlog of potential cleanup sites.

Since the early 1990s, Washington and other states have made steady progress investigating and cleaning up past releases. In Washington, over 3,000 leaking fuel tank sites have been evaluated and cleaned up. But Washington still has over 2,800 leaking fuel tank sites that require further action. These leaking underground storage tanks are both privately and publicly owned at facilities like bus barns, metro transit facilities, fire districts, and public works facilities.

This request will fund a key part of Ecology’s strategy to speed the investigation and cleanup of leaking fuel tanks. The funding addresses several cleanup obstacles:

- Lack of Standard Cleanup Methods. Owners and operators of leaking fuel tank sites often spend money and time developing proposed cleanup plans that are identical to remedies approved at similar sites. Model remedies offer a standard cleanup remedy that provides more predictable outcomes and helps reduce evaluation costs and timeframes.
- Lack of Current Data. Ecology does not have current site specific condition information regarding soil and groundwater contamination levels for many leaking fuel tank sites. Model remedy funding will support efforts to collect current environmental data at priority sites. The collection of this information will allow Ecology to determine if sites need additional cleanup.
- Lack of Funding. There are leaking fuel tank sites where the former owners or operators have abandoned the property and/or have declared bankruptcy. There are also situations where low profit margins at current gasoline stations make it financially difficult for owners to collect the data needed to confirm past closure activities. The model remedy funding will provide Ecology resources to do investigations, cleanup actions, and make final regulatory determinations at these types of sites.

This request will support the following activities:

1. MODEL REMEDY RESEARCH AND DEVELOPMENT. The funding will be used to evaluate remedial technologies. This includes literature reviews, data collection, pilot projects, and regulatory evaluations designed to determine the appropriateness and effectiveness of various remedial technologies.
Leaking Fuel Tank Model Remedy. Ecology is focusing initial model remedy work on leaking fuel tanks. During the 2013-15 biennium, we are developing model remedies to address sites with soil contamination, but no groundwater contamination (soil-only sites). Over half of the remaining 2,800 leaking fuel tanks have groundwater contamination. Ecology plans to develop one or more model remedies for these types of sites during the 2015-2017 biennium. Ecology will prepare a technical evaluation document that will support model remedy decisions for leaking fuel tanks with contaminated groundwater.

-- Other Site Categories. Ecology will identify additional site categories following discussions with the regulated community, contractors, and the general public. We expect to begin work on model remedies for at least two other source categories during the 2015-2017 biennium. Ecology will use this funding to prepare technical evaluation documents to support model remedy decisions for the selected source categories.

2. LEAKING FUEL TANK INVESTIGATIONS AND ABANDONED SITE CLEAN UP. Many leaking fuel tank sites lack current soil and groundwater data required to determine whether additional cleanup measures are needed. This funding will pay for site investigations allowing Ecology to determine whether sites comply with Model Toxics Control Act (MTCA) cleanup standards. If the site meets MTCA standards, we will be able to provide the property owner with a no further action letter [see Note 1], helping facilitate property redevelopment. If additional cleanup is needed, Ecology will provide model remedies to comply with the MTCA regulation and prevent remaining health and environmental risks. Attachment A provides a prioritized list of sites that will be evaluated during the 2015-17 biennium.

The funding may also be used to conduct cleanup actions to prevent further environmental degradation at sites with abandoned tanks or at sites where property owners have declared bankruptcy. In these situations, Ecology will initiate cost recovery actions and may place liens on individual properties with the goal of recovering public expenditures when properties are redeveloped and sold.

Note 1: Ecology provides written opinions on the adequacy of site sampling and cleanup actions through the Voluntary Cleanup Program. Ecology issues a no further action letter to document that a cleanup action complies with MTCA requirements.

3. MODEL REMEDY EVALUATION. Ecology will document and evaluate the effectiveness of the model remedies at leaking fuel tank sites. The evaluation results will be used to improve the model remedies for leaking fuel tanks and inform efforts to develop model remedies for other types of sites. Ecology’s evaluation will include:

-- Cleanup Timeframes. Model remedies are designed to reduce cleanup timeframes by reducing the amount of time needed to perform and negotiate site-specific cleanup remedies.

-- Cleanup Costs. Model remedies are designed to reduce cleanup costs by eliminating the need for a site-specific feasibility study.

-- Residual Impacts on Adjacent Surface Water and Sediments. Ecology will collect and compile site-specific data on how effectively model remedies prevent migration of contaminants from groundwater to adjacent bays, lakes, rivers, and streams.

-- Residual Impacts on Indoor Air Due to Vapor Intrusion. Ecology will collect and compile site-specific data on how effectively model remedies prevent migration of contaminants from groundwater into buildings located on or near leaking fuel tank sites.

4. TECHNOLOGY REVIEW AND VERIFICATION. RCW 70.105D.030(2)(k)(ii) directs Ecology to solicit and consider technology proposals from qualified individuals when developing model remedies. When proposals are submitted, Ecology will assign technical staff (added in the 2014 Supplemental Operating Budget) to evaluate and verify the effectiveness of proposed technologies. Some reviews will require specialized expertise (e.g., microbiology expertise will be needed to assess bioremediation proposals). This funding will pay for specialized evaluations conducted by outside contractors to support Ecology technical staff. Using Ecology staff, supported by private contractors, dedicates more resources to managing the remedies.

What opportunity or problem is driving this request?

The reason for the project:
Washington has abundant, high quality groundwater resources that are critical to the health and economic well-being of Washingtonians. Leaking fuel tanks pose risks to Washington’s groundwater resources, which serve as a source of drinking water for over 50 percent of Washington residents. Ecology estimates there are over 2,800 leaking fuel tank sites that need to be evaluated and potentially cleaned up. Many of these sites were first discovered in the 1990s. Long delays in starting and completing cleanup actions increase the potential for releases to groundwater. Delays also hinder local community efforts to redevelop contaminated brownfield properties, which are properties previously developed and currently abandoned or underutilized because their reuse is hindered by the release or threatened release of hazardous substances.

The effects of non-funding:

If this request is not funded, the regulated community would not receive the full benefits of the model remedy provisions in terms of reduced evaluation costs and shorter cleanup timeframes.

The lack of a robust model remedy program would reduce the effectiveness of Ecology’s other regulatory streamlining efforts to accelerate investigation, cleanup, and delisting of leaking fuel tanks.

The lack of additional funding for confirmation sampling would delay decisions on removing sites from the cleanup site list.

The lack of additional funding for priority cleanup projects would increase the potential for releases to groundwater, surface waters, and air and hinder the redevelopment of contaminated properties.

How does the project support the agency and statewide results?

This project is essential to implementing Ecology’s strategic priority to Prevent and Reduce Toxic Threats by developing model remedies and completing and confirming cleanups at leaking fuel tank sites in a more timely fashion. This proposal develops a streamlined approach to clean up Ecology’s largest (by number) category of cleanup sites.

This request supports Puget Sound Action Agenda implementation through strategy C9 "Address and clean up cumulative water pollution impacts in Puget Sound," substrategy C9.2 "Clean up contaminated sites within and near Puget Sound." This request relates to the Puget Sound Action Agenda strategy and substrategy by producing more efficient and cost effective cleanups that reduce and control sources of pollution. Investing in model remedy development and evaluation supports the Action Agenda by returning a polluted or degraded environment, as much as possible, to a healthy, self-sustaining ecosystem.

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

Goal 3/Goal Topic/Sub-Topic: Sustainable Energy and a Clean Environment/Clean and Restored Environment Keep our land, water and air clean/ Healthy Lands

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

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

Investing these funds will accelerate the number of cleanups completed and protect public health and the environment.

This request also supports Results Washington Goal 5, Effective, Efficient and Accountable Government by demonstrating Ecology’s responsiveness, accountability, and commitment to more efficient regulatory processes related to the Legislature and the public’s request to develop model remedies.
Description

What are the specific benefits of this project?
This work will benefit Washingtonians by achieving economic and social results related to a clean and restored environment. Specifically, benefits of this request include:

-- The contaminated sites identified in Attachment A will be cleaned up.
-- The people of Washington will have reduced exposure to hazardous substances.
-- Opportunities for local economic and community development will increase as sites are cleaned up and returned to productive use.
-- Improved economic health will promote more livable communities.

Economic Impact: This project will also provide economic benefits to the state by creating up to 31 jobs during the next two years based on Office of Financial Management estimates.

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

Model remedies will provide greater predictability for site owners and operators on remedy selection and reduce evaluation costs and cleanup timeframes. By streamlining and eliminating steps in the assessment process, costs are reduced for each project and will reduce the amount of funding per project. This reduction in costs per site will allow more cleanups to be funded.

Cleanup projects are often the first phase of a larger community or economic redevelopment project. This is particularly true for leaking fuel tank sites that are often located in prime urban redevelopment locations. Greater predictability and reduced cleanup timeframes will improve efforts to integrate cleanup timelines with area or property-specific redevelopment strategies.

Are FTEs required to support this project?

No additional FTEs are needed to support this project.

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

More than 50 percent of cleanup sites in Washington are leaking fuel tank sites. Some level of collaboration with local, tribal, state and federal governments is required for most cleanup projects to be completed successfully. Some of the leaking fuel tank sites addressed through the model remedy program are owned or operated by local governments. The state partners with local governments to fund cleanup through the Remedial Action Grant Program. Using model remedies will benefit local governments by supporting efficient and effective use of available grant funding provided to manage, prevent, recycle, and clean up toxic and solid waste in the land, air, and water.

Some of the leaking fuel tank sites addressed through the model remedy program are owned or operated by other state agencies, such as the Washington State Department of Transportation. These agencies will be able to use the model remedies to support cleanup decisions.

The EPA implements a national program designed to identify and clean up leaking fuel tank sites. This project will increase our ability to reduce Washington’s share of the national backlog of leaking fuel tank sites.

What is the impact on the state operating budget?

This will not impact the state Operating Budget.

Why is this the best option or alternative?

This option provides a cost-effective approach for implementing the model remedy program established by the Washington Legislature in 2013.
Description
This option does not create new cleanup requirements. Model remedies will allow site owners and operators to more efficiently comply with state and federal cleanup requirements. Focused funding to support using model remedies for leaking fuel tanks will allow Ecology to more rapidly verify cleanup actions and remove sites from the Hazardous Sites List.

What is the agency’s proposed funding strategy for the project?
This request is consistent with the purposes of the Model Toxics Control Act (MTCA), chapter 70.105D RCW, which also allows for either the State Toxics Control Account (STCA) or the Environmental Legacy Stewardship Account (ELSA) to fund it. The main purpose of MTCA is to raise sufficient funds to clean up all hazardous waste sites and to prevent the creation of future hazards due to improper disposal of toxic wastes into the state’s lands and waters. To do this work, a tax is assessed on hazardous materials, including petroleum products, pesticides, and some chemicals. The tax is deposited in the STCA, Local Toxics Control Account (LTCA), and ELSA.

With the passage of 2E2SSB 5296 in the 2013 legislative session, Hazardous Substance Tax revenues will be deposited in the STCA and LTCA up to a limit of $280 million per biennium. Any revenues exceeding $280 million will be attributed to ELSA. MTCA allows state investments in cleanup to be funded from either STCA or ELSA. So this request could also be funded directly from ELSA or through an ELSA transfer to STCA.

Funding

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<td>Model Remedy Evaluation</td>
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Total Amount 2015-17 Budget Request: $4,000,000
Reducing Toxic Woodstove Emissions

**Project Summary**

Smoke from wood burning stoves causes significant health problems, including asthma, lung disease, heart disease, stroke, and premature death. Ecology is requesting $4 million to reduce the use of old, high-polluting wood stoves in communities facing high public health risk from wood smoke. Ecology will do this through wood stove change-out programs, resulting in up to 100 tons of fine particle pollution being reduced each year. Funds may also be used for strategies to reduce the use of or need for wood heat in areas at high risk of violating national ambient air quality standards for fine particles. Related to Puget Sound Action Agenda implementation. (State Toxics Control Account)

**Project Description**

What is the proposed project?

This project will make funds available in communities that violate or are close to violating federal fine particle pollution standards. These communities include Tacoma, Yakima, Darrington, Marysville, Vancouver, Wenatchee, Olympia, Ellensburg, Toppenish, and others whose measured pollution values may approach the national standards. The funds will implement strategies that reduce the emissions of wood stove pollution. Funds will be used for the following:

- Traditional wood stove change-out programs (offering a financial incentive to replace older, high-polluting wood stoves with cleaner heating alternatives).
- Strategies that reduce use of or need for wood heat.
- Improving home heating efficiency in homes where wood is used for heat.
- Potential purchase and installation of in-chimney catalysts (new technology that helps complete combustion of particulate matter).
- Providing access to infrastructure that allows using cleaner technologies or alternatives. This could include partially defraying costs of installing natural gas to homes or communities that are not currently served with gas lines.

To date, Ecology and its local air agency partners have changed out more than 3,100 older, uncertified stoves in vulnerable communities violating, or at risk of violating, federal standards. Hundreds more uncertified stoves have been collected and destroyed through successful bounty programs that remove the dirtiest stoves from the secondary market (preventing sale of used devices on eBay, Craig’s List and classified advertising). These combined strategies have resulted in air pollution measurements significantly improving in two of Washington’s worst air polluted communities, Tacoma/Pierce County and Yakima.

What opportunity or problem is driving this request?

The reason for the project:

Multiple areas in Washington State measure pollution levels in violation of, or close to violation of, the federal fine particle air pollution standards. Pollution from wood-heating devices is the principal cause of fine-particle pollution problems in these communities.

Violating the standards carries significant economic penalties for communities. It requires commercial, industrial, community, and private investment in strategies that will reduce existing pollution levels. It also raises the air quality permit requirements for new companies wanting to move into a community, or for existing companies that want to invest in facility improvements. These requirements may dissuade new business in these communities and discourage existing companies from expanding, upgrading, or remaining. People may choose not to move to or live in a community with heavily polluted air, which can depress property values.

It is critical for public health and the economy to prevent areas from violating these standards and, where that is not possible, to
Reducing Toxic Woodstove Emissions

Description

Clean the air up as quickly as practical. The state and local communities have five years under federal law to bring violating areas back into compliance with federal standards. It is better to prevent violations of the standards than to be found in violation. Reducing fine particle emissions from tens of thousands of wood-burning devices is a crucial component in returning areas to clean air status and removing barriers to economic growth. The strategies supported by this request will lead to reduced atmospheric pollution levels, requiring fewer or less stringent regulatory options.

Pollution from wood-heating devices is the principal cause of fine-particle pollution problems in communities throughout the state. Pollution levels are highest during winter months, when air is stagnant and temperature inversions hold the pollution from fires and wood-burning devices close to the ground. Exposure to fine particles has been shown to have significant adverse health impact on people with lung and heart diseases. Fine particles also carry toxic and carcinogenic chemicals (the by-products of combustion) and serve as a delivery system for these chemicals into the body and the environment. A 2009 report issued by Ecology ("Health Effects and Economic Impacts of Fine Particle Pollution in Washington," December 2009, found at https://fortress.wa.gov/ecy/publications/SummaryPages/0902021.html) links large increases in death, disease, and health-care costs to fine particle air pollution in Washington.

The U.S. Environmental Protection Agency (EPA) continually reviews its national fine particle air pollution standards to ensure the standards match the latest health effects documented in science. Recent studies show health problems occur at lower levels, and the federal standards may not adequately protect public health. ("Clean Air Science Advisory Committee Review of Policy Assessment for Review of the Particulate Matter National Ambient Air Quality Standard" found at http://yosemite.epa.gov/sab/sabproduct.nsf/CCF9F4C0500C500F8525779D0073C593/$File/EPA-CASAC-10-015-unsigned.pdf) New, tougher federal standards for fine particles would place more Washington communities at risk of violation.

The effects of non-funding:

Emissions from wood burning stoves significantly affect public health. Failure to address these emissions would mean continued high exposure levels resulting in preventable diseases and increased health care costs.

If the federal standards are violated, emission reductions would be required from all principal sources of fine particles in violating areas (including industrial, commercial, and other area sources, such as woodstoves and transportation) within five years of being designated out-of-compliance. Strategies to reduce emissions can include stronger regulations, tougher permitting conditions, incentive programs (with costs for industry and local and state government), or a combination of these strategies. Strict regulatory strategies can have a negative effect on the local economies, aggravating existing business and employment conditions, and impacting community livability.

If we do not adopt successful strategies, we risk federal intervention in developing plans; losing decision making to the federal government (imposition of a Federal Implementation Plan); increased costs/penalties for new or expanding businesses; and possible sanctions. Sanctions include reduced federal air quality grants and withholding federal transportation grant funds.

How does the project support the agency and statewide results?

This project is essential to implementing the strategic priority, Prevent and Reduce Toxic Threats, in Ecology’s strategic plan, because toxic fine particle pollution is hazardous to human health.

This request is essential to support the Governor’s Results Washington Goal 4, Healthy and Safe Communities by reducing the volume of fine particle pollution in high risk communities throughout the state.

This request also provides essential support to the Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment, under the goal topic Clean and Restored Environment because increasing the number of woodstoves replaced with cleaner burning technologies is a leading indicator (3.3.b) under the outcome measure for achieving healthy air.

This request also supports the Governor’s Results Washington Goal 2, Prosperous Economy by supporting and creating jobs related to the wood-stove change-out programs.
Reducing Toxic Woodstove Emissions

**Description**

This request supports Puget Sound Action Agenda implementation through strategy C1, Prevent, Reduce, and Control the Sources of Toxic Contaminants Entering Puget Sound and substrategy C1.3, Adopt and implement plans and control strategies to reduce pollutant releases into Puget Sound from air emissions. It does this by eliminating excess toxic wood stove contamination entering the air and entering Puget Sound through a variety of pathways (including direct deposition and surface/stormwater run-off).

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

Fine particle pollution will be reduced in communities that violate or are at risk of violating federal standards. Reducing particle pollution will reduce harmful fine particle exposure to Washington citizens, leading to reduced adverse health effects caused by the pollutant, and reduced health care costs associated with lung and cardiovascular diseases caused by the pollutant. Quickly reducing the amount of emissions from high-polluting wood stoves will also reduce the long–term economic impacts to the communities that receive a noncompliance designation from the federal government.

If all funds are used for wood stove change-out programs, Ecology estimates (based on previous programs results) that up to 2,000 high–polluting wood stoves will be replaced. This will result in up to 100 tons of fine particle pollution being removed from the air in those communities each year.

Wood stove change-out programs provide jobs in a number of ways. These programs increase sales and installation of replacement stoves in existing homes, resulting in creating or sustaining retail and construction jobs. In addition, three of the nation’s top five wood stove manufacturers are located in Washington State. Many of the change-outs will result in sales of new appliances from these manufacturers, increasing and sustaining jobs in that sector of the economy. Also, replaced stoves have a value on the market as scrap metal. Replacing stoves can create or sustain jobs in the metal recycling industry.

**Economic Impact:** This project will also provide economic benefits to the state by creating up to 23 jobs during the next two years based on estimates from the Office of Financial Management.

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

Some woodstove owners will receive partial or full reimbursement for replacing old, high–polluting wood–burning devices with cleaner alternatives. (In the past, the range for replacement was $250-$3,500 per stove. Current programs prioritize replacement of older, uncertified stoves in low-income, high wood-use homes.) Ecology will assess other strategies that reduce the need for wood heat, improve home heating efficiency, or provide access to infrastructure that allows use of cleaner burning technologies or alternatives. Depending on the other strategies identified, people may have access to infrastructure that allows them to adopt cleaner burning alternatives.

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

This project requires a total of 0.58 FTEs, including 0.50 FTEs to administer the project and 0.08 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium. This position establishes competitive grant criteria, solicits grant applications, supervises the grant award process, issues grant awards, supervises award contracting and payments, monitors and reports on program progress, and closes grant awards upon completion.

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

This funding will help local counties and communities meet their obligations to reduce fine particle emissions under the State Implementation Plans required by federal law.

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

Ecology is requesting a separate but related operating budget request, “Preventing Non-attainment Areas,” to develop
Description

Comprehensive strategies to reduce pollution and prevent violations of federal air quality standards in high-risk areas. This funding is meant to help implement effective strategies identified for those communities. We are also requesting a separate, but related, capital budget request, “Reducing Toxic Diesel Emissions,” to promote additional strategies that will help address federal Clean Air Act nonattainment concerns.

Why is this the best option or alternative?

During the last four biennia, funds from the state’s wood stove change-out grant program have paid to replace more than 3,100 uncertified wood stoves with cleaner burning alternatives, reducing more than 100 tons per year of fine particle pollution. Most of those grant funds were targeted toward high-use stoves owned by low-income citizens. In combination with better compliance programs and fewer strong wintertime inversions, woodstove change-outs have helped substantially reduce high pollution measurements in Tacoma/Pierce County and in Yakima.

Ecology estimates the state’s high-risk air polluted areas contain tens of thousands of uncertified wood-burning appliances. A combination of restrictive policies and incentive funds to reduce the use of these stoves will be needed to achieve compliance with the federal standards in high-risk and vulnerable areas.

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

Ecology proposes using the State Toxics Control Account for this grant program. Recent amendments to the Model Toxics Control Act (chapter 70.105D RCW) allow funds from the State Toxics Control Account and the Environmental Legacy Stewardship Account to be used for actions reducing public exposure to toxic air pollution.

Project Type

Grants

Grant Recipient Organization: Local air agencies and Ecology regional offices

RCW that establishes grant: None

Application process used

Ecology establishes grant criteria for each grant cycle, such as: location in an area designated non-attainment for federal ambient air quality standards or at risk of being declared non-attainment; ability to leverage other funding sources; proposed actions resulting in the greatest PM 2.5 emission reductions; creative approaches to reach high volume wood users; replacement of uncertified devices that are a home’s primary heat source; education of consumers; readiness to proceed; and demonstrated capacity to spend the requested funding. All applications are evaluated and ranked against the adopted criteria, and decisions on funding are made based on the amount available and the worthiness of projects.

Growth Management impacts

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Project Title: Reducing Toxic Woodstove Emissions

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Project Summary

Ecology is requesting new appropriation to complete the project phases involving closure of the filled trenches at the commercial low level radioactive waste disposal facility at Hanford. Funding is for completing the Model Toxics Control Act (MTCA) remedial investigation and feasibility study; developing the Cleanup Action Plan; and constructing the initial cover, which is required to close the filled trenches. The cover must be installed before January 2016, which may precede the Cleanup Action Plan, to ensure that public health is protected from future off-site radiological exposure. Ecology is also requesting reappropriation for the installation of the Phase 1 closure cover and completion of the MTCA investigation at the commercial low level radioactive waste disposal facility. The cover will address hazards posed by radiological and hazardous substances disposed in the trenches since 1964. The investigation will determine any additional remediation necessary to address hazardous substance releases under MTCA (chapter 70.105D RCW). Ecology coordinates with the Department of Health to provide regulatory oversight of the closure of trenches that contain low level radioactive and toxic wastes at the Hanford Nuclear Reservation. Preparation for installation of the cover and completion of the MTCA investigation are progressing. (Site Closure Account)

Project Description

What is the proposed project?

The low-level radioactive waste disposal site at the U.S. Department of Energy's (USDOE) Hanford site has accepted waste since 1965, and is leased to Washington State, who subleases the site to US Ecology. The site is still active, but annual disposal volumes have significantly decreased over time. State and federal laws require radioactive waste disposal sites to be closed to minimize contaminants released to the environment and protect public health.

This project is for closing the filled trenches by installing a cover, finishing the MTCA Remedial Investigation and Feasibility Study (RI/FS), and developing the Cleanup Action Plan (CAP) to select the remedy for released hazardous substances at the commercial low level radioactive waste disposal facility. There are 14 trenches that have been filled since the facility began operations. This request addresses these trenches. The project includes completion of the MTCA RI/FS and development of the MTCA CAP, which are overseen by Ecology. This request also includes constructing the phase one engineered multi-layered cover, overseen by the Department of Health (DOH), to close the filled trenches to meet delegated Nuclear Regulatory Commission closure requirements. Closing the trenches now will protect public health and ensure future off-site health-based radiation exposure levels are not exceeded.

This request supplements existing funds for project 19972012. Attachment one illustrates the project schedule.

The MTCA RI/FS involves investigating non-radiological hazardous substance releases from the facility and selects remedies for any contaminants that exceed cleanup levels. It also involves completing RI/FS documentation, going through a public review comment process, and selecting the remedial actions in the CAP. Any remediation required by the CAP will be addressed in a MTCA Agreed Order, and funding to support the remediation will be through a separate budget request, if needed.

The cover will be an engineered multi-layer barrier over the filled trenches. The cover was selected in the environmental impact statement (EIS) completed in 2004 and has been designed to provide necessary protection for off-site radiation exposure control. The cover being placed is the first phase cover, intended to address radiological risks. A second phase cover for final closure and site restoration will not be determined until the CAP is completed. Funding for the second phase cover will be through a separate budget request.

This request adds funding to complete the work associated with existing capital project 19972012. The funds requested are based on updated estimates to complete the phase one cover and MTCA RI/FS and CAP project and may be revised in the spring of 2015 when the cover construction contractor is procured. Attachment two illustrates the project costs and need for
**Low-Level Nuclear Waste Disposal Trench Closure**

**Description**

additional appropriation to complete this project.

**What opportunity or problem is driving this request?**

**The reason for the project:**

The commercial low level radioactive waste disposal facility has received waste for disposal since 1965. Fourteen trenches at the facility are filled. Some chemical hazardous substances were disposed of at the site, along with commercial low level radioactive wastes. This request provides funding needed to complete the MTCA RI/FS and CAP and to install the initial cover over the filled trenches. The MTCA CAP will determine what remediation is needed to address risks posed by the hazardous chemicals. The phase one cover will address off-site radiological risks posed by disposed radioactive waste.

The reason for this request is:

– Per DOH, the cover must be installed before January 2016 to ensure off-site radiation dose does not exceed the health based off-site exposure level established in the 2004 EIS.

– The additional appropriation is needed to cover the revised cost estimates for the project.

**The effects of non-funding:**

If this request is not funded, phase one cover construction would not be completed. If the phase one cover is not installed, there would be increased risk to the public of exceeding the off-site radiological exposure limit in the future.

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

This project is essential to implementing Ecology’s strategic priority, Prevent and Reduce Toxic Threats because completing the MTCA RI/FS and CAP are the steps necessary to prepare for any required remediation to reduce toxic threats associated with hazardous substances disposed in the commercial low level radioactive waste disposal facility. Also, this request will ensure off-site radiological exposures meet federal health standards, which is a DOH priority.

This request is essential to support the Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment, and Goal 4, Healthy and Safe Communities by taking steps to begin remediation of hazardous substances disposed in the commercial low level radioactive waste disposal facility. It is also needed to ensure off-site radiological exposures are minimized.

This request makes a key contribution to statewide results by reducing toxic threats and protecting against exceeding off-site radiological exposure limits.

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

The request will provide funding to install the phase one cover on filled trenches, which will reduce future threats to human health and the environment. The request will also provide sufficient funding to complete a MTCA CAP to prepare for any required remediation of hazardous substance releases.

Economic Impact: This request will provide economic benefits to the state by creating up to 21 jobs during the next two years, based on estimates from the Office of Financial Management.

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

The request will provide appropriation to fund reimbursement of closure costs to the site operator of the commercial low level radioactive waste disposal facility, as required by chapter 43.200.080 RCW. The site operator is required to close the facility,
Description

and the Site Closure Fund (Fund 125) was established to fund closure activities.

Are FTEs required to support this project?

This request does not include funding for capital FTEs.

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

This request is critical to support Department of Health requirements to place the phase one cover over the filled trenches before January 2016. If the cover is not installed, future off-site radiation doses could exceed limits.

What is the impact on the state operating budget?

Ecology staff that oversee MTCA work at the commercial low level radioactive waste disposal facility are funded from the operating budget through the State Toxics Control Account. These costs are billed to the site operator under MTCA cost recovery. The site operator seeks reimbursement of the cost recovery billing as a closure cost from the Site Closure Account (Fund 125).

Why is this the best option or alternative?

In 2010, phase one cover construction was deferred to allow the MTCA RI/FS and CAP processes to be completed. Because of delays due to the complexity of the MTCA investigation, phase one capping must proceed prior to completing the MTCA CAP (before 2016) to avoid exceeding a future health based radiation dose limit.

This is the best option because:
– Constructing the phase one cap now will protect against radiological health violations and does not impede further MTCA investigation or potential remedial actions.
– The MTCA remediation will likely include a cover.
– Installing the cover will meet the Nuclear Regulatory Commission’s requirements for closure of the filled trenches.

The need for additional funding is based on inflation of the original cost estimates from 2010. We expect to receive new construction bids in spring 2015, which may be in time to refine this budget request as needed.

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

The proposed funding for this work is the Site Closure Account. The Site Closure Account is established in chapter 43.200.080 RCW to fund closure of the commercial low level radioactive waste disposal facility.

Project Type

Grants

Grant Recipient Organization: Multiple
RCW that establishes grant: N/A
Application process used

Grant awards will be based on viability of technology proposed, readiness to proceed, percent cost share, and projections of applicant's diesel and greenhouse gas emissions reduced. Ecology may pass grant money through to local air agencies to manage a grant process, or could manage the process with other federal and state diesel emission reduction projects currently underway at Ecology.

Growth Management impacts

None
461 - Department of Ecology  
Capital Project Request  
2015-17 Biennium  

Version: BI Biennial 15-17 Initial  
Report Number: CBS002  
Date Run: 9/9/2014 11:54AM  

Project Number: 19972012  
Project Title: Low-Level Nuclear Waste Disposal Trench Closure  

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<td>Site Closure Account-State</td>
<td>18,658,000</td>
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<tr>
<td>Total</td>
<td></td>
<td>18,658,000</td>
<td>3,366,000</td>
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<th>Acct Code</th>
<th>Account Title</th>
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</table>

Operating Impacts  

No Operating Impact
**Attachment 1: Schedule for Hanford Commercial Low-Level Radioactive Waste Disposal Facility Phase One Trench Closure**

Purpose: The purpose of this document is to demonstrate the projected timeline for specific stages of the phase one cover project.

<table>
<thead>
<tr>
<th>Revised Schedule 2015 Construction</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
<th>Q5</th>
<th>Q6</th>
<th>Q7</th>
<th>Q8</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
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<td>US Ecology MTCA RI/FS</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECY MTCA oversight</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WDOH Oversight</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Date cover needs to be in place to not exceed 22 mrem in the future</td>
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<tr>
<td>USE Soils Movement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ERDF Soil</td>
</tr>
<tr>
<td>Cover Design Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>Design</td>
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<td>RFP (US Ecology)</td>
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<td>RFP</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Cont. Selection</td>
</tr>
<tr>
<td>USE Cover Install</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Cover Install</td>
</tr>
</tbody>
</table>


### Attachment 2: Estimated Appropriation and Fund Balance for phase one trench closure

**Purpose:** The purpose of this document is to demonstrate the appropriation need of $3,674,597 based on updated cost estimates.

<table>
<thead>
<tr>
<th>Date (est)</th>
<th>Item</th>
<th>Amount</th>
<th>Approp Balance</th>
<th>Fund Balance</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>7/1/2013</td>
<td>Current SCA Balance</td>
<td></td>
<td>25,114,490</td>
<td></td>
<td></td>
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<tr>
<td>7/1/2013</td>
<td>Annual Repayment (~ $1 mil)</td>
<td>1,053,954</td>
<td>26,168,445</td>
<td></td>
<td>Annual Treasurer repayment. ~ $1mil, adjusted for inflation through 2032.</td>
</tr>
<tr>
<td>7/28/2013</td>
<td>Anticipated SCA Capital reappropriation</td>
<td></td>
<td>11,915,000</td>
<td></td>
<td>Capital Project request supporting phase 1 cover install and MTCA remedial action.</td>
</tr>
<tr>
<td>Thru 6/30/15</td>
<td>MTCA RI/FS Cost Reimbursement</td>
<td>-877,000</td>
<td>11,038,000</td>
<td>24,237,490</td>
<td>Cost reimbursement to US Ecology for RI/FS completion (includes 477,000 increase)</td>
</tr>
<tr>
<td>Thru 6/30/15</td>
<td>ECY MTCA Cost Reimbursement</td>
<td>-534,000</td>
<td>10,504,000</td>
<td>23,703,490</td>
<td>Anticipated Ecology MTCA oversight costs (cost reimbursement to STCA)</td>
</tr>
<tr>
<td>Thru 6/30/15</td>
<td>WDOH Oversight</td>
<td>-513,277</td>
<td>9,990,723</td>
<td>23,190,213</td>
<td>WDOH oversight of closure work (remaining through 6/30/2017). Added Soil Sampling and Yakama Tech Support.</td>
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<tr>
<td>7/1/2013</td>
<td>Mob/Demob - Soils Procurement</td>
<td>-302,100</td>
<td>6,514,623</td>
<td>19,714,113</td>
<td>WDOH cost estimate for heavy equipment mobilization to place soils on trenches.</td>
</tr>
<tr>
<td>7/1/2014</td>
<td>Annual Repayment (~ $1 mil)</td>
<td>1,080,000</td>
<td>20,794,113</td>
<td></td>
<td>Estimate of Annual Treasurer repayment. ~ $1mil, adjusted for inflation through 2032.</td>
</tr>
<tr>
<td>7/1/2015</td>
<td>Annual Repayment (~ $1 mil)</td>
<td>1,101,600</td>
<td>21,895,713</td>
<td></td>
<td>Estimate of Annual Treasurer repayment. ~ $1mil, adjusted for inflation through 2032.</td>
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<tr>
<td>3/1/2015</td>
<td>US Ecology CAP Development Cost Reimbursement</td>
<td>-130,000</td>
<td>6,189,173</td>
<td>21,570,263</td>
<td>US Ecology costs to provide technical support to Ecology for CAP Development</td>
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<tr>
<td>Thru 12/31/15</td>
<td>Anticipated Cover Install</td>
<td>-9,863,770</td>
<td>-3,674,597</td>
<td>11,706,493</td>
<td>2010 assumed cost for cover installation inflated 4%/year through 2014.</td>
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<td><strong>Appropriation Need</strong></td>
<td></td>
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<td></td>
<td><strong>-3,674,597</strong></td>
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Waste Tire Pile Cleanup and Prevention

Project Summary

Illegally dumped tires in Washington continue to pose public health and environmental threats. Tire piles pose risks for highly toxic fires, and provide habitat for mosquitoes and other disease carriers. Ecology is requesting $1 million to continue funding preventing and removing waste tire piles, enforcement, and education on tire storage and hauling regulations. (Waste Tire Removal Account)

Project Description

What is the proposed project?

An environment free of waste tires is important to the public health of Washington citizens. Piles of waste tires harbor mosquitoes, snakes, and other vermin. West Nile Virus transmitted by mosquitoes poses a threat to public health. Tire piles that have existed for a long time are a fire hazard. State and local officials responsible for cleaning up unauthorized dumpsites and preventing more waste accumulation are continually challenged by illegally dumped tires. In the past, the state has witnessed catastrophic tire pile fires, such as the Everett and Dorman tire fires of 1984. Millions of dollars were spent cleaning up tire fire sites.

RCW 70.95.510 establishes a one dollar per tire fee on the retail sale of new replacement vehicle tires. Revenues from this fee are deposited in the Waste Tire Removal Account (WTRA), which can be used for cleaning up unauthorized waste tire piles and measures that prevent future accumulation of unauthorized waste tire piles.

Ecology uses the WTRA funds for pile removals, amnesty events, enforcement, cleanups, and education programs. Ecology also provides technical support on prevention and the enforcement of tire hauling and storage requirements. During the 2011-13 biennium, WTRA funds were used to remove abandoned tire piles, historic waste tire accumulations, and dairy silage cover tires, and to support weekend tire drop off events as a prevention measure. Attachment one lists the program’s achievements since 2006. During the last seven years, Ecology removed nearly six million tires from more than 254 pile locations in 34 counties across the state, helping local governments stretch their limited resources to clean up waste tires. More than 80 percent of the tires collected have been recycled or reused.

In May 2010, Ecology initiated a tire related grant fund process (per chapter RCW 70.95.535) for public entities for:

- Local enforcement of tire storage rules to reduce hazards related to tires and the need for a future statewide tire pile cleanup program.
- Public education and outreach to businesses to supplement cleanup efforts and reduce accumulation of waste tires in illegal piles.
- Cleaning up tire piles in the local community, specifically tire piles that present a hazard to human health and the environment.
- Studies or pilot projects for using recycled tires and alternatives to landfill disposal.

Public entities interested in tire grant funding include cities, public health districts, solid waste agencies, fire districts, mosquito control districts, universities, and tribal agencies. Partnership with locals strengthens efforts to prevent waste tire piles. This request will continue that effort.

A breakdown of proposed costs and outcomes for the waste tire program for 2015-17 is listed below:

- Tire pile prevention, enforcement, and removal ($771,000). Ecology provides grants to public entities to prevent tire pile creation, enforce tire regulations, remove waste tires, and carry out education programs. These funds allow Ecology to provide pass-through grants to local public entities for projects that will reduce illegal tire piles. Ecology also provides technical support for enforcing tire hauling and storage requirements.
Description

– Staff Costs (1.15 FTE and $229,000). FTE support is required to manage and coordinate tire grant efforts and provide technical support for prevention, enforcement, and removal efforts.

– Total funding request = $1,000,000

What opportunity or problem is driving this request?

The reason for the project:

Illegally dumped tires pose a fire hazard. Because tires are mostly made of rubber (natural and synthetic), they are hard to extinguish when they catch fire, the smoke is extremely toxic and full of cancer-causing chemicals, and the runoff contaminates the ground. Piled tires capture water and create ideal habitat for mosquitoes and flies. With Avian flu and the West Nile virus on the rise, mosquito control is an important concern. Tire piles also provide habitat for other vermin, like rats and snakes.

The effects of non-funding:

Without enforcing storage and hauling regulations and promoting a robust tire market, illegal waste tire piles would continue to accumulate. Minimal cleanups could occur through voluntary action of owners or through enforcement actions by local governments. Waste tire piles could accumulate again, and pose health and safety risks. Absent dedicated tire funding, local governments lack resources to concentrate on this difficult waste stream. Removing tire piles quickly reduces the potential for those piles to grow exponentially.

How does the project support the agency and statewide results?

Local communities' continued waste tire removal supports Ecology's strategic priorities to Protect and Restore Puget Sound and Prevent and Reduce Toxic Threats. It does this through WTRA funding education, enforcement, and cleanup efforts that reduce waste tire accumulations around the state and within Puget Sound.

This request provides essential support to the Governor's Results Washington Goal 3, Sustainable Energy and a Clean Environment and Goal 4, Healthy and Safe Communities. WTRA funding is used for tire removals, tire regulation enforcement, and educating businesses about proper handling, storage recycling, and waste tire disposal.

This request makes a key contribution to statewide results by providing funding for local governments to remove tires, educate businesses, and enforce waste tire regulations. These efforts remove tires and reduce negative impacts on the environment. It also promotes tire recycling.

What are the specific benefits of this project?

Specific cleanup and prevention benefits include eliminating the risk of tire pile fires, reduced habitat for vermin and disease spreading insects, removal of the physical hazard, and increased used tire recycling. Cleaning up tire piles also provides recycled materials to local markets, reducing the natural resource demand.

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

Ecology provides funds to public entities for preventing tire piles, enforcing tire regulations, and removing waste tires from the local community. Funding in the 2015-17 biennium will allow continued prevention, enforcement, and removal of waste tires across the state. This provides financial relief to residents, businesses, and local communities that may otherwise not remove waste tires from their communities due to financial constraints.

Are FTEs required to support this project?


Description
This project requires a total of 1.15 FTEs, including 1.00 FTE to support tire pile cleanups and 0.15 FTEs for Agency Administrative Overhead. This is the same level of FTEs currently supporting this capital project in the 2013-15 biennium. The 1.00 FTE is required to manage and coordinate tire grant efforts, and provide technical support for prevention, enforcement, and removal efforts.

How will the other state programs or units of government be affected if this project is funded?
Using the WTRA to remove these waste tire piles and prevent reaccumulation reduces the financial burden on other state and local government programs. This cleanup program reduces the need for local governments to respond to burning tire piles, and insect and vermin problems.

What is the impact on the state operating budget?
None.

Why is this the best option or alternative?
In the early 1990s, a similar state funded tire pile cleanup effort cleaned up 29 tire piles in Washington. The funding ran out before several large tire pile sites were cleaned up. Without a continual tire prevention and enforcement program, those large tire piles remained and more piles were created.

In 2005, the tire fee provided funding to remove the tire piles left behind in the 1990s, and funded removal of more than 130 additional piles identified across the state. If this program funding is not continued, there is no other fund source available to deal with tire piles. Experience shows that local governments do not have resources to clean up tire piles. Without funding from the WTRA, there is no other state or local program, or funding source to conduct a comprehensive waste tire program.

What is the agency’s proposed funding strategy for the project?
By law, the WTRA places a one dollar fee on the sale of new replacement tires. The law directs Ecology to use this dedicated funding source to pay for waste tire pile cleanups, education, prevention, and enforcement. This request implements the legislative intent for this funding source.

Project Type
Grants

Grant Recipient Organization: Public entities including cities, counties, irrigation or mosquito ctrl districts, universities, and tribes
RCW that establishes grant: chapter 70.95 RCW
Application process used: Ecology and public entities work together to provide opportunities for waste tire pile prevention, enforcement, and cleanup across the state of Washington.

Growth Management impacts
None

Funding

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<td>0</td>
<td>1,000,000</td>
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<td>0</td>
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### Project Number: 30000431

#### Project Title: Waste Tire Pile Cleanup and Prevention

#### Funding

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#### Operating Impacts

No Operating Impact
### Department of Ecology

**Waste 2 Resources Program**

2015-17 Capital Project Request - Waste Tire Pile Cleanup and Prevention

Attachment 1

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Ecology Appropriation</th>
<th>Ecology Expenses</th>
<th>Tons of Tires Removed</th>
<th>No of piles or events</th>
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<tr>
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<td>4,000,000</td>
<td>35,057</td>
<td>*</td>
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<tr>
<td>2007</td>
<td>665,774</td>
<td>5,962</td>
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<tr>
<td>2008</td>
<td>8,299,168</td>
<td>4,520,302</td>
<td>30,760</td>
<td>49</td>
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<td>2009</td>
<td>2,715,345</td>
<td>10,897</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>2,063,521</td>
<td>1,638,451</td>
<td>6,611</td>
<td>42</td>
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<tr>
<td>2011</td>
<td>398,932</td>
<td>1,802</td>
<td>19</td>
<td></td>
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<tr>
<td>2012</td>
<td>1,026,138</td>
<td>460,423</td>
<td>906</td>
<td>11</td>
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<td>2013</td>
<td>459,436</td>
<td>2,336</td>
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<td>53</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td><strong>$10,893,720</strong></td>
<td><strong>59,274</strong></td>
<td><strong>254</strong></td>
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*Note: Fiscal Year 2006 was the first year of the program and only includes staff costs. Waste tire cleanup began in fiscal year 2007.*
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Technical and Miscellaneous

1. 30000536 Coastal Wetland Federal Funds .......................................................... 365
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Ecology is requesting appropriation for two federal grant programs that fund wetlands and coastal and estuarine lands acquisition. The federal grant programs are the National Coastal Wetland Conservation Grant Program, administered by the U.S. Fish & Wildlife Service, and the Coastal and Estuarine Land Conservation Program, administered by the National Oceanic and Atmospheric Administration. These programs provide financing to protect important coastal and estuarine areas that have significant conservation, recreation, or ecological value. Coastal wetlands comprise less than 10 percent of the nation’s land area, but support a much higher proportion of our living resources. Specifically, coastal areas support a high percentage of our threatened and endangered species, fishery resources, migratory songbirds, and migrating and wintering waterfowl. Ecology administers the pass through of these federal grants to other state or local government entities. Ecology requests $10.0 million in federal capital appropriation authority for the 2015-17 biennium in case we are successful in these grant competitions. Related to Puget Sound Action Agenda implementation. (General Fund-Federal)

Project Summary

Ecology requests $10.0 million General Fund-Federal appropriation authority for two federal grant programs that fund acquisition of wetlands and coastal and estuarine lands. These grant programs are competitive, and application-award cycles are annual, so Ecology does not know as of June 2014 if any funds will be received or what lands will be acquired. This request depends on our success in competing for funds. These programs allow Ecology to pursue available federal dollars for acquiring and protecting important coastal and estuarine areas that have significant conservation, recreation, or ecological values. The following explains the federal grant programs, but does not contain information on specific acquisitions because we will not have that information until applications are submitted and awards are made during the 2015-17 biennium.

1. National Coastal Wetland Conservation Grant Program

The National Coastal Wetland Conservation Grant Program (NCWCGP) is run by the U.S. Fish & Wildlife Service (USFWS). It is a competitive grant program. Coastal state resource agencies are eligible applicants for the funds, although sub grantees such as land trusts, local governments, and tribes can hold the land acquired. Funding nationwide is about $20.0 million per year. In Washington State, agencies eligible to apply for funds are the Department of Fish and Wildlife (DFW), the Department of Natural Resources (DNR), State Parks, and the Department of Ecology. Local governments, tribes, and nongovernmental organizations (NGOs), such as land trusts, can only apply for funding through Ecology. The maximum grant amount is $1 million, with a 25 to 35 percent state/local match required.

This is a placeholder appropriation request based on our experience over the last few years, rather than specific funded projects, since we do not yet know the specific amount or timing of match that may be needed.

Federal funds are available for coastal wetland acquisition and restoration in Western Washington. To be competitive, projects should contain more than 50 percent of total acreage in “nationally declining wetland types.” Some types of eligible lands include:

– Wetlands in drainage basins of estuaries or coastal waters that contain saline, brackish, and nearshore waters.
– Adjacent freshwater and intermediate wetlands.
– River mouths and portions of major river systems affected by tidal influence.

Shorelands, dunes, nearshore islands, barrier islands, and freshwater wetlands within estuarine drainages are all eligible lands.

Grant Application and Award Schedule
In January and February, Ecology staff begin contacting potential grant applicants and discussing projects. The Ecology staff person responsible for this program is in contact with agencies, tribes, and non–governmental organizations, looking for potential projects. This staff person sits on the Natural Heritage Advisory Council and attends the Pacific Coast Joint Venture meetings, both venues for reaching potential grant applicants. Ecology posts notice of grant availability on its website.

In March, Ecology staff and biologists from the USFWS plan visits to each potential project site. The purpose of the site visits is to talk with potential applicants about their projects, what they hope to accomplish, where they’ll get matching funds, and to let them know if their projects will be competitive at the national level. USFWS staff also give tips to applicants about how to strengthen their applications.

Ecology then reviews the draft grant applications and sends them to the USFWS Portland regional office toward the end of May every year. Those drafts need to be fairly complete. The USFWS regional office sends the drafts to regional biologists for their comments. This early collaboration has been key to Washington State receiving so many National Coastal Wetland grants. Comments are received by early June. Applicants revise their applications, then Ecology submits the applications to USFWS by the end of June.

Biologists from all of the USFWS regions gather in the fall to rank each application. Rankings are based on a prescribed set of criteria that are awarded points, and each point matters in final funding. In December, the Secretary of the Interior releases the ranked list of funded applications.

Ecology administers the grants during their 24-month award period. These are pass through grants, with Ecology acting as liaison between USFWS and the ultimate owners of the lands.

Washington State has been very successful in the past in getting these grants. Past award amounts are included at the end of this section.

2. Coastal and Estuarine Land Conservation Program

The National Oceanic and Atmospheric Administration (NOAA) Office of Coastal Resource Management manages the Coastal and Estuarine Land Conservation Program (CELCP) grant program. Each coastal state has a designated agency that has developed a CELCP plan for their state, and that is the only agency in the state that can apply for CELCP grants. Ecology is the designated agency for Washington. Ecology can apply for up to three grants per year, and each grant application can ask for a maximum of $3.0 million, which must be matched by an equal amount of non-federal funding. Ecology submits applications on behalf of the eligible grant applicants, which are DFW, DNR, State Parks, Ecology’s Padilla Bay Estuarine Reserve, local governments, special purpose districts, and tribes.

The CELCP only funds acquisitions, and the lands must be coastal or estuarine. The program was established “for the purpose of protecting important coastal and estuarine areas that have significant conservation, recreation, ecological, historical, or aesthetic values, or that are threatened by conversion from their natural or recreational state to other uses.” Each coastal state prepares a CELCP Plan that guides operation of the state’s program and must be approved by NOAA. Washington State was one of the first states to have its CELCP Plan approved by NOAA. The Washington State CELCP Plan is available on Ecology’s website at: http://www.ecy.wa.gov/programs/sea/wetlands/stewardship/ceelp.html.

Early in the program’s history, CELCP grants were selected by earmarks from Congress. Over the past five years, NOAA has worked to make the program a nationally competitive one. Each year, approximately 45 applications are submitted to NOAA, and only the top seven to ten receive funding. Washington State has received three grants (one in federal fiscal year 2009 for $3.0 million and one in federal fiscal year 2010 for $3.0 million) for Phases I and II of the Kiket Island Addition to Deception Pass State Park. Ecology received a $3.0 million grant for Dabob Bay in Jefferson County in Fiscal Year 2011. Ecology applied for another $2.7 million grant for Dabob Bay acquisitions in June 2011 for Fiscal Year 2012. Dabob Bay ranked number one in the nation for funding.

Grant Application and Award Schedule
Ecology begins working with eligible applicants in the fall. Because these CELCP projects are complicated, it takes quite awhile for potential applicants to put together a funding package. In January, NOAA releases its Funding Opportunity Notice that details program requirements for the year. Ecology contacts eligible agencies and tribes, looking for projects. Ecology advertises the availability of CELCP funding through its website and by advertising in several online newsletters. If Ecology receives more than three applications, we create an advisory panel made up of state, local, and tribal planners and biologists who rank the applications. Only the top three applications are sent to NOAA for consideration. That state ranking process has only had to be used once in the last six years. Ecology staff visit each potential application site and work with applicants to develop a competitive proposal. Applications are due to NOAA in April.

NOAA convenes a ranking committee that analyzes each proposal and creates a ranked list. That ranked list is usually available in August, but the timing varies each year.

Ecology administers the grants during their award period. These are pass through grants, with Ecology acting as liaison between NOAA and the ultimate owners of the lands. Ecology does not own these lands. For instance, with the Kiket Island acquisition, State Parks and the Swinomish Tribal Community own the land. For Dabob Bay, DNR will own the lands.

Appropriation Amount Estimate

Ecology is requesting $10.0 million in federal appropriation for both grant programs. They are competitive, and grant awards will occur during the 2015–17 biennium. Therefore, this appropriation request depends on successfully competing for grant funding. The requested appropriation amount is based on Ecology’s experience receiving grants in the last five biennia. Ecology received $2.4 million in 2005–07; $6.9 million in 2007–09; $8.5 in 2009–11; $8.7 in 2011–13; and $9.8 in 2013–15.

What opportunity or problem is driving this request?

The reason for the project:

A steady decline in the health of Puget Sound has been documented in recent years by numerous studies and programs. The Puget Sound Action Team’s “State of the Sound 2007” report documents an overall decrease in water quality, habitat, and species, along with an increased risk of climate change, demonstrating the Sound is at great risk. The 2014 Action Agenda identified habitat loss as a major threat to salmon and other species. The Action Agenda also notes that we have lost 60 percent of our estuarine wetland habitat. Permanent protection of shoreline properties is one way to prevent further damage to the health of Puget Sound.

Coastal wetlands provide habitat for much of the state's wildlife. The Puget Sound Nearshore Ecosystem Restoration Project says "nine of the ten species listed as endangered or threatened within the Puget Sound region inhabit the nearshore." The five species of salmonids spend much of their life in the nearshore environment. Protecting these habitats by conserving coastal wetlands is the best way to protect them. Preventing development of these coastal habitats also reduces nutrients and pathogens from upland sources. Conserving coastal wetland habitats is an important response to expected sea level rise. These lands provide a buffer to ensure the shoreline continues to function in a natural manner, even in the face of rising sea levels. As sea levels rise, impacts to the nearshore will be reduced, because these nearshore habitats will be better able to migrate inland, and sediment will be consistently available to preserve shorelines.

The effects of non-funding:

Coastal wetlands are a limited resource. Residential, commercial, and industrial uses compete for them, and they are disappearing at an alarming rate. If the funds are not available to protect coastal wetlands, the above-mentioned benefits would not occur, and the health of coastal Washington, including Puget Sound and its resources, would continue to decline.

Projected population growth would put more pressure on an already scarce resource. Demand for more shoreline access and recreational opportunities would increase. Negative impacts of increasing residential and commercial development on the shoreline would be magnified. Permanent conservation will protect these natural resources forever and help protect the water
quality of Puget Sound and other coastal areas in Washington.

Not funding this package would make Ecology's priority of protecting Puget Sound and wetlands more difficult. Future generations would have fewer opportunities for family activities on Puget Sound's shorelines. Failing to protect these critical wetland and nearshore lands would mean opportunities to prevent degradation of Puget Sound would be missed, or more expensive if pursued in the future.

How does the project support the agency and statewide results?

This project is essential to implementing a strategic priority in Ecology’s strategic plan to Protect and Restore Puget Sound through the acquisition of at risk, important and high quality wetlands throughout the Puget Sound basin. This project supports Ecology’s goal to support sustainable communities and natural resources by permanently protecting important wetland ecosystems and supporting community access to coastal wetlands. This proposal also supports Ecology’s activity to Protect, Restore and Manage Wetlands by acquiring and restoring important wetland resources in the coastal zone.

This project also supports the Puget Sound Action Agenda strategic initiative to “Protect and Restore Habitat”. It supports sub-strategy A.2.1 “Protect and conserve ecologically important lands at risk of conversion” by acquiring and protecting important coastal wetlands in and around Puget Sound. It contributes to sub-strategy B.2.1 to permanently protect priority nearshore physical and ecological processes and habitat, including shorelines, migratory corridors, and vegetation particularly in sensitive areas such as eelgrass beds and bluff backed beaches through the acquisition and protection of sensitive nearshore habitats and projects that preserve and protect shoreline processes and habitats in Puget Sound.

This project supports the Governor’s Results Washington Goal 3, Sustainable Energy and a Clean Environment by acquiring sites and protecting valuable estuarine habitat from degradation. Specifically, it supports the goal topic Working and Natural Lands through outcome measure 4.3 to reduce the rate of loss of priority habitats from 1.5 percent to one percent by 2016. It ensures that high quality coastal ecosystems can continue to provide valuable functions to the Puget Sound. Coastal wetlands filter waters, provide habitat to salmonids and other species, provide protection from erosion and sea level rise, and support recreational and subsistence uses. Under Goal 3, this project also supports the goal topic “Healthy Fish and Wildlife” through protecting and restoring estuarine and wetland habitats, which support salmon, bird populations, and other wildlife in Puget Sound.

This project makes a key contribution to the statewide result to Protect Natural Resources and Cultural and Recreational Opportunities through providing funding to acquire and protect important coastal resources. Some projects conserve cultural sites along the shoreline that were used by native Americans. It also contributes through making shoreline and wetland areas accessible to citizens for outdoor recreation and protecting cultural resources. As people visit these coastal systems, they become more vested in protecting them.

What are the specific benefits of this project?

Environmental benefits include protecting water quality, conserving salmon habitat, and protecting habitat for bird populations and other wildlife in Puget Sound and other coastal environments. Coastal area benefits include protecting water quality, improved habitat for wildlife and threatened or endangered species, and mitigating the impacts of sea level rise from climate change.

These acquisitions will potentially benefit tribes, NGOs, and local governments working to protect salmon habitat throughout Puget Sound who lack funding or matching funds to meet those challenges. Community benefits include increased access to shoreline recreational opportunities, enhanced ability for citizens to access Puget Sound, and preservation of cultural resources. Two surveys of public perception of Washington's Shoreline Management Act conducted in 1983 and 1996 (Canning, 2004; Ecology publication 04-06-028) found that eight out of ten people visit a shoreline at least several times a year, and half of the state's residents see a shoreline on a daily basis. The majority of those citizens go to the shore for nature and natural beauty. As our population grows, future generations will have the opportunity to access Puget Sound for family activities.
**Description**

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

Ecology does not have a dedicated state funding source for land conservation, but we have been very successful in the last ten years in getting pass through funding from NCWCG through the USFWS. State agencies currently have the opportunity to acquire lands with funding through the Recreation and Conservation Office's Washington Wildlife and Recreation Program.

The other state resource agencies do not allow NGOs, local governments, and tribes to apply through them for these federal funds. Ecology has built a reputation as a reliable partner for those groups, allowing them access to an important source of federal funding. This funding has helped build on the relationships Ecology has been fostering with local land trusts and other statewide partners in habitat conservation.

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

This project requires a total of 0.55 FTEs, including 0.48 FTEs to manage the project and 0.07 FTEs for Agency Administrative Overhead. This is a similar level of FTEs currently supporting this capital project (.58) in the 2013-15 biennium. An Environmental Planner 3 (0.48 FTE) will manage the grant program and liaison with federal agencies and applicants. This position will administer the federal grants, manage the project contracts to disburse federal funds via the grant program, manage the grant application process, provide liaison with the federal funding agencies, and work with applicants and the federal agencies on grant applications. Awarded funds will provide $10,000 per award for grant management and administration. Ecology estimates ten awards will provide $100,000, which will require approximately 0.48 FTE for the duration of the 2015-17 biennium.

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

Because the CELCP program requires Ecology to be the applicant for funds, Ecology works with other eligible state agencies (State Parks, DNR, DFW) to apply for and manage the grants. Tribes and local government resource offices may also benefit from this program.

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

None.

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

The only alternative to federal funding would be to request funding from the State Building Construction Account (SBCA). Ecology does not plan to request SBCA funds for these acquisitions.

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

Proposed acquisition projects are wholly dependent on funding by federal grants. If Ecology does not receive grants, the projects cannot go forward.

**Project Type**

Grants
### Description

**Grant Recipient Organization:** Unknown until grant awards are made.

**RCW that establishes grant:** None

**Application process used**
Ecology helps local governments, state agencies, tribes, and nonprofit organizations apply for federal funding. Funding applications are due in June for National Coastal Wetlands Grants and April for Coastal and Estuarine Land Conservation Program grants.

**Growth Management impacts**
None; some local governments may secure grants to protect wetlands within their jurisdictions.

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### Operating Impacts

**No Operating Impact**
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**Description**

**Starting Fiscal Year:** 2014  
**Project Class:** Grant - Pass Through  
**Agency Priority:** 25

**Project Summary**
Ecology requests reappropriation of funds from the Water Pollution Control Revolving Fund Account (SRF) to continue providing low interest loans to local governments for high priority water quality projects. Congress established the SRF account under the Federal Clean Water Act of 1987. Loan recipients use SRF funds for planning, design, acquisition, construction, and improvement of water pollution control facilities and related activities that contribute to meeting state and federal water pollution control requirements. (Water Pollution Control Revolving Account - State)

**Project Description**
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**
Grants

**Grant Recipient Organization:** WQ Financial Advisory Council represents local government that are potential loan recipients  
**RCW that establishes grant:** None

**Application process used**
Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the SRF, Centennial Clean Water Program, and the Clean Water Act Section 319 federal grant program. The application period begins on September 1 and continues through November 2. Ecology staff screen, review, and rate and rank the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. Ecology develops a draft list for all three programs. The list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2013 Final Offer and Applicant List is available on the Water Quality website: http://www.ecy.wa.gov/programs/wq/funding.

**Growth Management impacts**
None

**Funding**

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Project Title: Water Pollution Control Revolving Program

### Funding

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### Operating Impacts

No Operating Impact
Agency Priority: 26

Project Summary
Ecology requests reappropriation of funds from the Water Pollution Control Revolving Fund Account (SRF) to continue providing low interest loans to local governments for high priority water quality projects. Congress established the SRF account under the Federal Clean Water Act of 1987. Loan recipients use SRF funds for planning, design, acquisition, construction, and improvement of water pollution control facilities and related activities that contribute to meeting state and federal water pollution control requirements. (Water Pollution Control Revolving Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: None

Application process used
Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the SRF, Clean Water Centennial Fund, and the Clean Water Act Section 319 Program. The application period begins on September 1 and continues through October 31. Ecology staff screens, reviews, and rates and ranks the applications from November through December. Ecology staff evaluate and assign points according to an objective rating system which identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature's review to use during budget considerations. Ecology develops a draft list for all three programs and the list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. Projects identified for funding address water quality issues such as: wastewater treatment plant upgrades to meet permit requirements including water reclamation and reuse facilities; sewer collection system improvements and combined sewer overflow correction; on site septic system surveys, repair, and replacement; water pollution cleanup planning and implementation; riparian (streamside) restoration and implementation of agricultural best management practices; and stormwater management planning and implementation.

Growth Management impacts
None

Funding

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## Funding

| Total | 0 | 0 | 0 | 0 |

## Operating Impacts

No Operating Impact
Storm Water Improvements

Starting Fiscal Year: 2014
Project Class: Grant - Pass Through
Agency Priority: 27

Project Summary
The 2013 Legislature appropriated $100 million for Ecology to fund Stormwater Improvements. This project works to reduce stormwater pollution to protect critical environments like spawning habitats, shellfish beds, and drinking water sources, and helps protect and recharge aquifers. Stormwater Improvements provides needed pass-through funding to communities for managing stormwater through planning, implementation, regulation, and prevention. Ecology requests this reappropriation to continue implementing this important grant program in the 2015-17 biennium. (Environmental Legacy Stewardship Account)

Project Description
This reappropriation continues needed pass-through funding for stormwater improvements provided by the legislature in the 2013-15 Enacted Capital Budget.

Project Type
Grants

Grant Recipient Organization: Cities and Counties
RCW that establishes grant: chapter 70.105D.170 RCW
Application process used
Ecology has awarded the stormwater funding according to the Capital Budget Provision, and has integrated the Stormwater Financial Assistance Grant program with its well established integrated competitive funding approach using a joint application, evaluation, and rating and ranking process for the State Revolving Fund, Centennial Clean Water Fund, Clean Water Act Section 319 Program. The application period for state fiscal year 2016 begins on September 1 and continues through November 7, 2014. Ecology staff screen, review, and rate and rank the applications received from November through January. Ecology staff evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft funding offer list for public comment and for the Legislature to use during budget considerations. The final list and funding offers for all four programs is published on July 1 or sooner, contingent on Capital Budget appropriations.

Growth Management impacts
None

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Operating Impacts
Operating Impacts

No Operating Impact
Agency Priority: 28

Project Summary
Ecology is requesting reappropriation from the Columbia River Basin Water Supply Development Account and the Columbia River Basin Taxable Bond Water Supply Development Account to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). This request will fund projects that are in various stages of completion and provide the Office of Columbia River with resources needed to continue progress in the 2015-17 biennium. Specifically, these funds will: provide an alternative to groundwater for agricultural users in the Odessa Subarea aquifer; deliver new sources of water supply for pending water right applications; develop a new uninterruptible supply of water for those presently subject to interruption during times of drought or low flows; develop new municipal, domestic, industrial, and irrigation water throughout the Columbia River Basin; and, place one-third of these new water supplies instream to meet the flow needs of fish. With this request, Ecology will be able to deliver additional water supplies for agricultural purposes, meet the water needs for growing communities, make several existing water uses more efficient, and improve stream flow conditions for fish and wildlife. These investments will help meet priority needs of the water users in the Columbia River Basin. (Columbia River Basin Water Supply Development Account - 10P, Columbia River Basin Taxable Bond Water Supply Development Account - 18B)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Entities
RCW that establishes grant: Legislative Appropriation
Application process used
Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

Growth Management impacts
None

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Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name: Ecology  
Contact Name: Jim Skalski  
Phone: 360-407-6617  
Fax: Columbia River Basin Water Supply Development Account and Columbia River Basin Taxable Bond Water Supply Development Account

Fund(s) Number: 10P & 18B  
Fund Name: Columbia Basin Water Supply Development Account

Project Number: 3000372  
Project Title: Columbia Basin Water Supply Development Program

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☒ Yes ☐ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☒ Yes ☐ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☒ Yes ☐ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☒ Yes ☐ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? ☐ Yes ☒ No

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

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

Starting Fiscal Year: 2014
Project Class: Grant - Pass Through
Agency Priority: 29

Project Summary
Grant funds are provided to local governments for several programs designed to manage, prevent, recycle and clean up toxic and solid waste in the land, air and water. Ecology is requesting reappropriation to continue pass-through grants to address actual spending requirements, using a "worst first" approach. The reappropriation will support Remedial Action Grants to clean up contaminated industrial sites that impact the air, land and water resources of the state and continue the cleanup of Puget Sound. This grant funding will protect public and environmental health, create jobs and promote economic development by allowing contaminated properties to be redeveloped. (Local Toxics Control Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Multiple

RCW that establishes grant: chapter 70.105D RCW; 90.48 RCW

Application process used
To receive an oversight remedial action grant, the applicant must be a local government that is a potentially liable person (PLP), a potentially responsible party (PRP) at a hazardous waste site, or the owner of a site but not a PLP or PRP. One of the following standards must also be met: 1. Ecology requires the applicant to conduct remedial action under an order or decree issued under chapter 70.105D RCW. 2. The U.S. Environmental Protection Agency (EPA) requires the applicant to conduct remedial action under an order or decree issued under the federal cleanup law. In such a case, Ecology must also sign the order or decree or acknowledge in writing that it is a sufficient basis for remedial action grant funding. 3. The applicant has signed an order or decree issued under chapter 70.105D RCW requiring a potentially liable person (PLP) other than the applicant to conduct remedial action at a landfill site. In this case, the applicant must also have entered into an agreement with the PLP to reimburse the PLP for a portion of the remedial action costs incurred under the order or decree. The reimbursement is for the sole purpose of providing relief to ratepayers and/or taxpayers from remedial action costs. There is no set application period for oversight remedial action grants. Once an order or decree has been issued to a local government, it has 60 days to apply for a grant.

Growth Management impacts
None

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No Operating Impact
Project Number:  92000078  
Project Title:  Floodplain Management and Control Grants

Description

Starting Fiscal Year:  2014  
Project Class:  Grant - Pass Through  
Agency Priority:  30

Project Summary
Ecology requests reappropriation authority to provide flood hazard reduction grants for 13 projects, floodplain restoration grants for nine proviso projects, as well as grant funding to provide for Prairie Creek drainage improvements and to continue flood protection efforts in Mt. Vernon. This funding was originally appropriated in the 2013-15 biennium Capital Budget. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization:  Local gov'ts, tribes, conservation/flood control distr, non-profits, and salmon recovery lead entities
RCW that establishes grant:  None
Application process used
For non-proviso grants, proposals were submitted, screened for eligibility, and ranked by a group made up of Ecology staff and external stakeholders. Funding was provided to those proposals that scored the highest.

Growth Management impacts
In some cases, the funded projects would support objectives in local Frequently Flooded Area provisions contained in Critical Area policies.

Funding

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Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 0461  Agency Name Department of Ecology
Contact Name: Scott McKinney
Phone: 360 407-6131  Fax: 360 407-7162
Fund(s) Number: 057  Fund Name: State Building Construction Account
Project Number: 92000078  Project Title: Flood Management and Control Grants

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☒ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☒ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☒ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☒ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☒ No

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

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

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

**Starting Fiscal Year:** 2014  
**Project Class:** Grant - Pass Through  
**Agency Priority:** 31  

**Project Summary**

The requested reappropriation for Ecology’s Centennial Clean Water Program (CCWP) will provide funds for grants and loans to public bodies for financing planning, implementation, design, acquisition, and construction of water pollution control facilities and nonpoint source pollution control. Ecology uses these funds primarily for grants, which are distributed through a statewide competitive rating and ranking prioritization process. Ecology provides funding to address the highest priority statewide water quality needs including projects for small communities that are financially distressed, and to address water quality problems associated with urban and rural activities. (Environmental Legacy Stewardship Account)

**Project Description**

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**

Grants

**Grant Recipient Organization:** Local Governments

**RCW that establishes grant:** chapter 70.146 RCW

**Application process used**

Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the State Revolving Fund, Centennial Clean Water Program, and the Clean Water Act Section 319 federal grant program. The application period begins on September 1 and continues through November. Ecology staff screen, review, and rate and rank the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. A draft list for all three programs is developed and becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2013 Final Offer and Applicant List is available on the Water Quality website: http://www.ecy.wa.gov/programs/wq/funding.

**Growth Management impacts**

None

**Funding**

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Operating Impacts

No Operating Impact
**Description**

**Starting Fiscal Year:** 2012  
**Project Class:** Grant - Pass Through  
**Agency Priority:** 32

**Project Summary**  
Ecology received appropriations for Remedial Action Grant funds in 2011-13 for funding toxic waste cleanup projects at local government sites. The requested reappropriation funding will support ongoing remedial action grants to clean up contaminated industrial sites that impact the air, land and water resources of the state. This grant funding protects public and environmental health, creates jobs and promotes economic development by allowing contaminated properties to be redeveloped. (Local Toxics Control Account)

**Project Description**  
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**  
Grants

**Grant Recipient Organization:** Statewide  
**RCW that establishes grant:** chapter 70.105D RCW; 90.48 RCW  
**Application process used**  
To receive an oversight remedial action grant, the applicant must be a local government that is a potentially liable person (PLP), a potentially responsible party (PRP) at a hazardous waste site, or the owner of a site but not a PLP or PRP. One of the following standards must also be met: 1. Ecology requires the applicant to conduct remedial action under an order or decree issued under chapter 70.105D RCW. 2. The U.S. Environmental Protection Agency (EPA) requires the applicant to conduct remedial action under an order or decree issued under the federal cleanup law. In such a case, Ecology must also sign the order or decree or acknowledge in writing that it is a sufficient basis for remedial action grant funding. 3. The applicant has signed an order or decree issued under chapter 70.105D RCW requiring a potentially liable person (PLP) other than the applicant to conduct remedial action at a landfill site. In this case, the applicant must also have entered into an agreement with the PLP to reimburse the PLP for a portion of the remedial action costs incurred under the order or decree. The reimbursement is for the sole purpose of providing relief to ratepayers and/or taxpayers from remedial action costs. There is no set application period for oversight remedial action grants. Once an order or decree has been issued to a local government, it has 60 days to apply for a grant.

**Growth Management impacts**  
None

**Funding**

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Operating Impacts

No Operating Impact
**Description**

Starting Fiscal Year: 2014  
Project Class: Grant - Pass Through  
Agency Priority: 33  

**Project Summary**

Ecology requests reappropriation to continue cleanup work related to former ASARCO smelter sites in Everett and Tacoma, and mining operations in eastern Washington. ASARCO operated smelters in Everett and Tacoma that released arsenic, lead, and other contamination into the air. The pollution settled down to earth in Everett and in the Tacoma Smelter Plume. In Tacoma, the smelter operated from 1890 to 1986 and contaminated over 1,000 square miles in the lower Puget Sound. The Everett site operated from 1894 to 1912, and caused smaller scale contamination. ASARCO also owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways. This request will protect public and environmental health, create jobs, and promote economic development by allowing contaminated properties to be redeveloped. (State Building Construction Account)

**Project Description**

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**

Grants

**Grant Recipient Organization:** Department of Ecology  
**RCW that establishes grant:** chapter 70.105D RCW  
**Application process used**

This will be a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

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**Future Fiscal Periods**

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**Operating Impacts**

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name: Ecology  
Contact Name: Angie Wirkkala  
Phone: 360.407.7219  
Fax:  
Fund(s) Number: 057  
Fund Name: State Building Construction Account  
Project Number: 3000334  
Project Title: ASARCO Cleanup – Tacoma Smelter Plume Island Mitigation

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☑ Yes ☐ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☑ Yes ☐ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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

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

Attach this form to your project in CBS. The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
starting Fiscal Year: 2010
Project Class: Grant - Pass Through
Agency Priority: 34

Project Summary
Ecology requests reappropriation of funds from the Water Pollution Control Revolving Fund Account (SRF) to continue providing low interest loans to local governments for high priority water quality projects. Congress established the SRF account under the Federal Clean Water Act of 1987. Loan recipients use SRF funds for planning, design, acquisition, construction, and improvement of water pollution control facilities and related activities that contribute to meeting state and federal water pollution control requirements. (Water Pollution Control Revolving Account - State)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: None
Application process used
Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the SRF, Clean Water Centennial Fund, and the Clean Water Act Section 319 Program. The application period begins on September 1 and continues through October 31. Ecology staff screens, reviews, and rates and ranks the applications from November through December. Ecology staff evaluate and assign points according to an objective rating system which identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature's review to use during budget considerations. Ecology develops a draft list for all three programs and the list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. Projects identified for funding address water quality issues such as: wastewater treatment plant upgrades to meet permit requirements including water reclamation and reuse facilities; sewer collection system improvements and combined sewer overflow correction; on site septic system surveys, repair, and replacement; water pollution cleanup planning and implementation; riparian (streamside) restoration and implementation of agricultural best management practices; and, stormwater management planning and implementation.

Growth Management impacts
None

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Project Number: 30000142
Project Title: Water Pollution Control Revolving Fund Program

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<tr>
<th>Operating Impacts</th>
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</thead>
<tbody>
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Clean Up Toxics Sites - Puget Sound

Project Summary
Ecology's emphasis on bay wide cleanup in seven priority bays has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done cheaper, better and quicker because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. Ecology is requesting reappropriation for toxic site cleanup projects that will integrate shoreline habitat restoration opportunities. Cleaning up these contaminated sites protects public and environmental health, creates jobs, and promotes economic development by allowing these properties to be redeveloped. (Environmental Legacy Stewardship Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Funding

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Operating Impacts
No Operating Impact
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Description

Starting Fiscal Year: 2012
Project Class: Grant - Pass Through
Agency Priority: 36

Project Summary
The 2011 Legislature appropriated $30.0 million for Ecology to fund the Statewide Stormwater Grant Project. This project works to reduce stormwater pollution to protect critical environments like spawning habitats, shellfish beds, and drinking water sources, and helps protect and recharge aquifers. The Statewide Stormwater Grant Project provides needed pass-through funding to communities for managing stormwater through planning, implementation, regulation, and prevention. Ecology requests reappropriation to continue implementing this important grant program in the 2015-17 biennium. (Local Toxics Control Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments Statewide
RCW that establishes grant: chapter 90.48 RCW
Application process used
The Statewide Stormwater Grant Project application process started in September 2011. Applications were rated and ranked and a draft offer list was published in February 2012. We have awarded all projects.

Growth Management impacts
None

Funding

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Future Fiscal Periods

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Operating Impacts

No Operating Impact
**Description**

**Starting Fiscal Year:** 2014  
**Project Class:** Grant - Pass Through  
**Agency Priority:** 37  

**Project Summary**

Existing water resources infrastructure, programs, and policies in the Yakima River basin have not been capable of consistently meeting the environmental and economic demands that support basin aquatic resources, fish and wildlife habitat, dry-year irrigation, and municipal water supplies. A diverse set of local stakeholders developed the Yakima River Basin Integrated Water Resources Management Plan to provide a comprehensive long-term water resources and habitat improvement program to address this situation. Implementing this program will support the regional economy and also protect the environment. Ecology is requesting reappropriation from the State Building Construction Account to continue implementing this program in cooperation with the U.S. Bureau of Reclamation and local stakeholders. (State Building Construction Account)

**Project Description**

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**

Grants

**Grant Recipient Organization:** Local Entities  
**RCW that establishes grant:** Legislative Appropriation  
**Application process used**  
Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**

None

**Funding**

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**Future Fiscal Periods**

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**Operating Impacts**

No Operating Impact
### Expected Use of Bond/COP Proceeds

**Agency No.** 461  
**Agency Name:** Ecology  
**Contact Name:** Jim Skalski  
**Phone:** 360-407-6617  
**Fund(s) Number:** 057  
**Fund Name:** State Building Construction Account  
**Project Number:** 30000373  
**Project Title:** Yakima River Basin Water Supply

---

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? 
   - ☑ Yes  
   - ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? 
   - ☐ Yes  
   - ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? 
   - ☑ Yes  
   - ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? 
   - ☐ Yes  
   - ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? 
   - ☐ Yes  
   - ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? 
   - ☑ Yes  
   - ☐ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? 
   - ☑ Yes  
   - ☐ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? 
   - ☑ Yes  
   - ☐ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? 
   - ☐ Yes  
   - ☑ No

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

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
Project Number: 91000053
Project Title: FY 2012 Statewide Stormwater Grant Program

Description

Starting Fiscal Year: 2013
Project Class: Grant - Pass Through
Agency Priority: 38

Project Summary
The 2012 Legislature appropriated $24.073 million for Ecology to fund additional statewide stormwater grant projects from the Fiscal Year 2012 funding cycle. This work reduces stormwater pollution to protect critical environments like spawning habitats, shellfish beds, and drinking water sources, and helps protect and recharge aquifers. The Statewide Stormwater Grant Program provides needed pass-through funding to communities for managing stormwater through planning, implementation, regulation, and prevention. Ecology requests this reappropriation to continue implementing this important grant program in the 2015-17 Biennium. (Local Toxics Control Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments Statewide
RCW that establishes grant: chapter 90.48 RCW
Application process used
The Fiscal Year 2012 Statewide Stormwater Grant Program application process started in September 2011. Applications were rated and ranked and a draft offer list was published in February 2012. We have awarded all projects.

Growth Management impacts
None

Funding

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Future Fiscal Periods

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Operating Impacts
No Operating Impact
Project Title: Centennial Clean Water Program

Project Summary
The requested reappropriation for Ecology's Centennial Clean Water Program (CCWP) will provide funds for grants and loans to public bodies for financing planning, implementation, design, acquisition, and construction of water pollution control facilities and non-point source pollution control. Ecology uses these funds primarily for grants, which are distributed through a statewide competitive rating and ranking prioritization process. Ecology provides funding to address the highest priority statewide water quality needs including projects for small communities that are financially distressed, and to address water quality problems associated with urban and rural activities. (State Toxics Control Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments

RCW that establishes grant: chapter 70.146 RCW

Application process used
Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the State Revolving Fund, Centennial Clean Water Fund, and the Clean Water Act Section 319 Program. The application period begins on September 1 and continues through November. Ecology staff screen, review, and rate and rank the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. A draft list for all three programs is developed and becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2013 Final Offer and Applicant List is available on the Water Quality website: http://www.ecy.wa.gov/programs/wq/funding.

Growth Management impacts
None

Funding

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Operating Impacts
Operating Impacts

No Operating Impact
Water Pollution Control Loan Program

Starting Fiscal Year: 2008
Project Class: Grant - Pass Through
Agency Priority: 40

Project Summary
Ecology requests reappropriation of funds from the Water Pollution Control Revolving Fund Account (SRF) to continue providing low interest loans to local governments for high priority water quality projects. Congress established the SRF account under the Federal Clean Water Act of 1987. Loan recipients use SRF funds for planning, design, acquisition, construction, and improvement of water pollution control facilities and related activities that contribute to meeting state and federal water pollution control requirements. (Water Pollution Control Revolving Account - Federal)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments

Application process used
Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the SRF, Clean Water Centennial Fund, and the Clean Water Act Section 319 Program. The application period begins on September 1 and continues through October 31. Ecology staff screens, reviews, and rates and ranks the applications from November through December. Ecology staff evaluate and assign points according to an objective rating system which identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature’s review to use during budget considerations. Ecology develops a draft list for all three programs and the list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. Projects identified for funding address water quality issues such as: wastewater treatment plant upgrades to meet permit requirements including water reclamation and reuse facilities; sewer collection system improvements and combined sewer overflow correction; on site septic system surveys, repair, and replacement; water pollution cleanup planning and implementation; riparian (streamside) restoration and implementation of agricultural best management practices; and, stormwater management planning and implementation.

Growth Management impacts
None

Funding

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**Project Number:** 20084011  
**Project Title:** Water Pollution Control Loan Program

### Funding

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### Operating Impacts

No Operating Impact
Project Title: ASARCO - Tacoma Smelter Plume and Mines

Project Summary
Ecology requests reappropriation to continue cleanup work related to the ASARCO smelter sites in Tacoma and Everett, and mining operations in northwest and eastern Washington. ASARCO operated smelters in Tacoma and Everett that released arsenic, lead and other contamination into the air. The pollution settled down to earth, contaminating over 1,000 square miles in the lower Puget Sound. Also, the company owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways. This funding will protect public and environmental health, create jobs and promote economic development by allowing contaminated properties to be redeveloped. (Cleanup Settlement Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Department of Ecology
RCW that establishes grant: chapter 70.105D RCW
Application process used
This will be a capital project directly operated and controlled by Ecology.

Growth Management impacts
None

Funding

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Operating Impacts
No Operating Impact
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Remedial Action Grants

Starting Fiscal Year: 2008
Project Class: Grant - Pass Through
Agency Priority: 42

Project Summary
Ecology received appropriations for Remedial Action Grant funds in 2007-09 for local government toxic waste cleanups at contaminated sites. Ecology requests reappropriation authority for these pass through grants to continue addressing the toxics cleanup need in Puget Sound and statewide. The requested reappropriation will support ongoing remedial actions and cleanup of contaminated industrial sites that impact the air, land and water resources of the state. This grant funding protects public and environmental health, creates jobs and promotes economic development by allowing contaminated properties to be redeveloped. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments Statewide
RCW that establishes grant: chapter 70.105D RCW

Application process used
The intent of remedial action grants and loans is to encourage and speed up the cleanup of contaminated sites and to lessen the effect of the cleanup costs on ratepayers and taxpayers. The grants and loans supplement local government funding for remedial actions. Local Governments can apply for a remedial action grant once an order of decree has been issued to clean up a contaminated site. There is no set application period for oversight remedial action grants; once an order or decree has been issued to a local government, it has 60 days to apply for a grant.

Growth Management impacts
None.

Funding

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Operating Impacts
Project Number: 20084008
Project Title: Remedial Action Grants

**Operating Impacts**

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name: Ecology  
Contact Name: Angie Wirkkala  
Phone: 360.407.7219  
Fax:  
Fund(s) Number: 057  
Fund Name: State Building Construction Account  
Project Number: 20084008  
Project Title: Remedial Action Grants

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? X Yes □ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? X Yes □ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? X Yes □ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? X Yes □ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes X No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? □ Yes X No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? X Yes □ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes X No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? □ Yes X No

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

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

Attach this form to your project in CBS. The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
*** This page intentionally blank. ***
Ecology requests reappropriation authority for two federal grant programs that fund wetlands and coastal and estuarine lands acquisition. The federal grant programs include the Coastal and Estuarine Land Conservation Program, administered by the National Oceanic and Atmospheric Administration and the National Coastal Wetland Conservation Grant Program, administered by the U.S. Fish & Wildlife Service. These programs provide financing to protect important coastal and estuarine areas that have significant conservation, recreation, or ecological value. Coastal wetlands comprise less than 10 percent of the nation’s land area, but support a much higher proportion of our living resources. Ecology administers the pass through of these federal grants to other state or local government entities, tribes and non-governmental organizations. This funding was originally appropriated in the 2011-13 biennium Capital Budget. (General Fund Federal)

Project Description

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type

Grants

Grant Recipient Organization: Several

RCW that establishes grant: None. This is a federal grant

Application process used

A competitive process is used. Ecology assists local governments, state agencies, tribes and non profits in applying for funding. Funding applications are due in June for National Coastal Wetlands Grants and in April for Coastal and Estuarine Land Conservation Program grants.

Growth Management impacts

None

Funding

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Future Fiscal Periods

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Operating Impacts

No Operating Impact
Description

Starting Fiscal Year: 2010
Project Class: Grant - Pass Through
Agency Priority: 44

Project Summary
Ecology received appropriations for Remedial Action Grants in 2009-11 for funding toxic waste cleanup projects at local government sites. Ecology requests reappropriation for these pass through grants to address the toxics cleanup need in Puget Sound and statewide. The requested reappropriation will support ongoing remedial action grants to clean up contaminated industrial sites that impact the air, land and water resources of the state. This grant funding protects public and environmental health, creates jobs and promotes economic development by allowing contaminated properties to be redeveloped. (Local Toxics Control Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.105D RCW

Application process used
To receive an oversight remedial action grant, the applicant must be a local government that is a potentially liable person (PLP), a potentially responsible party (PRP) at a hazardous waste site, or the owner of a site but not a PLP or PRP. One of the following standards must also be met: 1. Ecology requires the applicant to conduct remedial action under an order or decree issued under chapter 70.105D RCW. 2. The U.S. Environmental Protection Agency (EPA) requires the applicant to conduct remedial action under an order or decree issued under the federal cleanup law. In such a case, Ecology must also sign the order or decree or acknowledge in writing that it is a sufficient basis for remedial action grant funding. 3. The applicant has signed an order or decree issued under chapter 70.105D RCW requiring a potentially liable person (PLP) other than the applicant to conduct remedial action at a landfill site. In this case, the applicant must also have entered into an agreement with the PLP to reimburse the PLP for a portion of the remedial action costs incurred under the order or decree. The reimbursement is for the sole purpose of providing relief to ratepayers and/or taxpayers from remedial action costs. There is no set application period for oversight remedial action grants. Once an order or decree has been issued to a local government, it has 60 days to apply for a grant.

Growth Management impacts
None

Funding

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Project Number: 30000039
Project Title: Remedial Action Grant Program

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Operating Impacts

No Operating Impact
# Expected Use of Bond/COP Proceeds

**Agency No.** 461  
**Agency Name** Ecology  
**Contact Name:** Angie Wirkkala  
**Phone:** 360.407.7219  
**Fax:**  
**Fund(s) Number:** 057  
**Fund Name:** State Building Construction Account  
**Project Number:** 30000039  
**Project Title:** Remedial Action Grant Program

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? **X Yes**  
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? **X Yes**  
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? **X Yes**  
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? **X Yes**  
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? **X Yes**  
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? **X Yes**  
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? **X Yes**  
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? **X Yes**  
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? **X Yes**  

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

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

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

Starting Fiscal Year: 2013
Project Class: Grant - Pass Through
Agency Priority: 45

Project Summary
The 2012 Legislature appropriated $14.463 million for Ecology to fund additional Stormwater Retrofit and Low Impact Development Grants from the Fiscal Year 2011 funding cycle. These projects reduce stormwater pollution to protect critical environments like spawning habitats, shellfish beds, and drinking water sources, and helps protect and recharge aquifers. The Stormwater Retrofit and Low Impact Development (LID) Grants project provides needed pass-through funding to communities for managing stormwater through planning, implementation, regulation, and prevention. Ecology requests reappropriation to continue implementing this important grant program in the 2015-17 Biennium. (Local Toxics Control)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments Statewide
RCW that establishes grant: chapter 90.48 RCW

Application process used
The Stormwater Retrofit and LID Grants project funding cycle occurred in two separate processes. The original $4.609 million was included in the Fiscal Year 2011 Annual Water Quality Funding Cycle. Ecology ran a separate funding cycle for the competitive Stormwater Retrofit and LID Grants Program. Ecology accepted applications July 1 through August 31, 2010. Application evaluation and project rating and ranking were September 1 to October 15, 2010. Ecology published the final offer and applicant list December 31, 2010. The projects funded in this reappropriation request and included in the 2012 Supplemental Capital Budget were included in the December 31, 2010 final offer and applicant list.

Growth Management impacts
None

Funding

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Operating Impacts
No Operating Impact
**Project Summary**
Twenty-nine completed local watershed plans covering all or parts of 38 statewide Water Resource Inventory Areas (WRIAs) have identified many capital needs. These include rehabilitating existing water systems, water conservation, and acquiring existing water rights for instream flow and other future needs. Ecology is requesting reappropriation from the State Building Construction Account to finance ongoing capital projects and water acquisition for implementing locally developed watershed plans. These projects and acquisitions will help the state, local governments, and other stakeholders meet future water needs and achieve recommended instream flows. (State Building Construction Account)

**Project Description**
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Grant Recipient Organization:** Local entities with an adopted watershed plan or other similar type plan

**RCW that establishes grant:** chapter 90.82 RCW

**Application process used**
A competitive grant process will be used for each of the categories funded through this appropriation.

**Funding**

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**Operating Impacts**
No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name Ecology  
Contact Name: Jim Skalski  
Phone: 360-407-6617  
Fund(s) Number: 057  
Fund Name: State Building Construction Account  
Project Number: 30000331  
Project Title: Watershed Plan Implementation and Flow Achievement

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes □ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? □ Yes □ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? □ Yes □ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? □ Yes □ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes □ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? □ Yes □ No

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

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
 Agency Priority: 47

Project Summary
Ecology requests reappropriation authority for two federal grant programs that fund wetlands and coastal and estuarine lands acquisition. The federal grant programs include the Coastal and Estuarine Land Conservation Program, administered by the National Oceanic and Atmospheric Administration and the National Coastal Wetland Conservation Grant Program, administered by the U.S. Fish & Wildlife Service. These programs provide financing to protect important coastal and estuarine areas that have significant conservation, recreation, or ecological value. Coastal wetlands comprise less than 10 percent of the nation’s land area, but support a much higher proportion of our living resources. Ecology administers the pass through of these federal grants to other state or local government entities, tribes and non-governmental organizations. This funding was originally appropriated in the 2013-15 biennium Capital Budget. (General Fund Federal)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Unknown until grant awards are made.

RCW that establishes grant: None

Application process used
Competitive. Ecology helps local governments, state agencies, tribes, and nonprofit organizations apply for funding. Funding applications are due in June for National Coastal Wetlands Grants and April for Coastal and Estuarine Land Conservation Program grants.

Growth Management impacts
None; some local governments may secure grants to protect wetlands within their jurisdictions.

Funding

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Operating Impacts
No Operating Impact
Description

Starting Fiscal Year: 2014
Project Class: Grant - Pass Through
Agency Priority: 48

Project Summary
Ecology is requesting reappropriation to fund remediation activities on contaminated sites in eastern Washington. It will be used exclusively in eastern Washington to clean up contaminated sites where the responsible party (land user, facility operator or property owner) is either unwilling or unable to pay costs associated with the cleanup activities. Cleaning up these sites protects public and environmental health, creates jobs, and promotes economic growth as these sites are re-developed. (Environmental Legacy Stewardship Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Department of Ecology
RCW that establishes grant: chapter 70.105D RCW
Application process used
None

Growth Management impacts
None

Funding

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Operating Impacts
No Operating Impact
Description

Starting Fiscal Year: 2010
Project Class: Grant - Pass Through
Agency Priority: 49

Project Summary
Ecology requests reappropriation of funds from the Water Pollution Control Revolving Fund Account (SRF) to continue providing low interest loans to local governments for high priority water quality projects. Congress established the SRF account under the Federal Clean Water Act of 1987. Loan recipients use SRF funds for planning, design, acquisition, construction, and improvement of water pollution control facilities and related activities that contribute to meeting state and federal water pollution control requirements. (Water Pollution Control Revolving Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: None
Application process used
Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the SRF, Clean Water Centennial Fund, and the Clean Water Act Section 319 Program. The application period begins on September 1 and continues through October 31. Ecology staff screens, reviews, and rates and ranks the applications from November through December. Ecology staff evaluate and assign points according to an objective rating system which identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature’s review to use during budget considerations. Ecology develops a draft list for all three programs and the list becomes final on July 1 or sooner, contingent on Capital Budget appropriations. Projects identified for funding address water quality issues such as: wastewater treatment plant upgrades to meet permit requirements including water reclamation and reuse facilities; sewer collection system improvements and combined sewer overflow correction; onsite septic system surveys, repair, and replacement; water pollution cleanup planning and implementation; riparian (streamside) restoration and implementation of agricultural best management practices; and stormwater management planning and implementation.

Growth Management impacts
None

Funding

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Future Fiscal Periods

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Project Number: 30000007
Project Title: Water Pollution Control Revolving Fund Program

### Funding

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### Operating Impacts

No Operating Impact
**Project Summary**
Ecology requests reappropriation from the Columbia River Basin Water Supply Development Account and/or the Columbia River Basin Taxable Bond Water Supply Development Account to continue implementing the Columbia River Basin Water Supply Development Program (chapter 90.90 RCW). A separate request for new appropriation authority is included in Ecology's capital budget submittal. Together, the reappropriation and new appropriation requests will fund projects that are in various stages of completion and provide the Office of Columbia River (OCR) with resources needed to achieve substantial progress in the 2015-17 biennium. These investments will help meet priority needs of the water users in the Columbia River Basin. (Columbia River Basin Water Supply Development Account -10P, Columbia River Basin Taxable Bond Water Supply Development Account -18B)

**Project Description**
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**
Grants

**Grant Recipient Organization:** Local Entities

**RCW that establishes grant:** Legislative Appropriation

**Application process used**
Competitive grants to local entities for projects developed in cooperation with the Columbia River Basin Policy Advisory Group.

**Growth Management impacts**
None

### Funding

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**Operating Impacts**
No Operating Impact
## Expected Use of Bond/COP Proceeds

<table>
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<th>461</th>
<th>Agency Name</th>
<th>Ecology</th>
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<tr>
<td>Contact Name:</td>
<td>Jim Skalski</td>
<td>Phone:</td>
<td>360-407-6617</td>
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<tr>
<td>Fund(s) Number:</td>
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<td>Project Number:</td>
<td>20062950</td>
<td>Project Title:</td>
<td>Columbia Basin Water Supply Development Program</td>
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</table>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☑ Yes ☐ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☑ Yes ☐ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☑ Yes ☐ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☑ Yes ☐ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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

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

Starting Fiscal Year: 2013  
Project Class: Grant - Pass Through  
Agency Priority: 51

Project Summary
Ecology requests reappropriation to fund flood protection projects during the 2015-17 biennium. The Local Toxics Control Account amount funds a grant to King County to identify options and make improvements to the Briscoe-Desimone series of levees in the lower Green River Valley. Alternatives are currently being studied, and include potentially setting the levee back from its current location, raising the height for increased flood protection, and improving the structural integrity of the levees. Alternatives will also be considered for improving the habitat features around the levees to aid salmon recovery efforts. The State Building Construction Account amount funds completion of phase 2 of the Mount Vernon floodwall project, which will protect the downtown area from damaging floods of the Skagit River. The city will acquire properties, conduct engineering and design studies, and complete construction of a floodwall. This funding was originally appropriated in the initial 2011-13 biennium Capital Budget. (Local Toxics Control Account and State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: King County Flood Control District

RCW that establishes grant: None

Application process used
Determined by proviso language in the enacted budgets.

Growth Management impacts
Improvements to the levee will help protect the frequently flooded areas under Critical Area Ordinance (CAO), and possibly remove land from the CAO jurisdiction.

Funding

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<tr>
<th>Acct Code</th>
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Operating Impacts
Project Number: 92000057
Project Title: Flood Levee Improvements

Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 0461  
Agency Name Department of Ecology  
Contact Name: Scott McKinney  
Phone: 360 407-6131  
Fax: 360 407-7162  
Fund(s) Number: 057  
Fund Name: State Building Construction Account  
Project Number: 92000057  
Project Title: Flood Levee Improvements

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

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

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

Attach this form to your project in CBS. The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
**Project Title:** Clean Up Toxics Sites - Puget Sound

**Description**

Starting Fiscal Year: 2013  
Project Class: Grant - Pass Through  
Agency Priority: 52

**Project Summary**

Ecology’s emphasis on bay wide cleanup in seven priority bays has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done cheaper, better and quicker because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. In the 2012 Supplemental Budget, Ecology received new appropriation of $9.270 million to continue the environmental work at one of the seven priority bays, Port Gamble. The funding was provided for source control, habitat restoration, cleanup sustainability and to open up 90 acres for geoduck tracks. Ecology requests reappropriation to continue the cleanup work at the Port Gamble Bay. Cleaning up the Port Gamble Bay protects public and environmental health, creates jobs and promotes economic development by allowing the property to be redeveloped. (State Toxics Control Account)

**Project Description**

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**

Grants

Grant Recipient Organization: Department of Ecology  
RCW that establishes grant: chapter 70.105D RCW  
Application process used: This will be a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

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**Operating Impacts**

No Operating Impact
Description

Starting Fiscal Year: 2010
Project Class: Grant - Pass Through
Agency Priority: 53

Project Summary
Ecology’s emphasis on bay-wide cleanup in seven priority bays has highlighted a valuable link between cleanup and habitat restoration. Cleanup and restoration can be done cheaper, better and quicker, because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. Ecology requests reappropriation to continue the Cleanup Toxics Sites - Puget Sound project during the 2015-17 biennium. Cleaning up and protecting Puget Sound is critical to the social and economic well being of Washington’s citizens, and a high priority for Ecology, the Governor, the Legislature, and the Puget Sound Partnership. Cleaning up toxic sites and restoring habitat at the same time in and around Puget Sound make an efficient and effective use of state and local resources. In addition, cleaning up these contaminated sites protects public and environmental health, creates jobs and promotes economic development by allowing properties to be redeveloped. (Cleanup Settlement Account and State Toxics Control Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Department of Ecology
RCW that establishes grant: chapter 70.105D RCW
Application process used
This will be a capital project directly operated and controlled by Ecology.

Growth Management impacts
None

Funding

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Operating Impacts
Operating Impacts

No Operating Impact
Project Number: 30000389  
Project Title: Water Irrigation Efficiencies Program

Description

Starting Fiscal Year: 2014  
Project Class: Grant - Pass Through  
Agency Priority: 54

Project Summary
The Water Irrigation Efficiencies Program is a statewide effort to improve how water is delivered and used on agricultural lands. These activities provide multiple state benefits; the most significant is to meet our goals of providing water for people, farms, and fish. Projects funded through the Water Irrigation Efficiencies Program provide improved on-farm water application so water use is more efficient; while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce loss of water through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. Ecology requests reappropriation from the State Building Construction Account for the Washington State Conservation Commission (SCC) and conservation districts to continue to implement water conservation measures and irrigation efficiencies projects. Funds are pass-through to allow Ecology overall coordination of the statewide Water Irrigation Efficiencies Program, in collaboration with the goals of the Columbia River Water Supply Development Program. This includes not only the Columbia River Water Supply Development Program activities, but also irrigation projects outside the Columbia River Water Supply Development Program area, and projects developed and implemented by the conservation districts. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Proviso
The appropriations are provided solely to provide technical assistance and grants to conservation districts for the purpose of implementing water conservation measures and irrigation efficiencies. The Department of Ecology and the State Conservation Commission shall give preference in order of priority to projects located in the 16 fish critical basins, other water short basins and/or basins with significant water resource and/or instream flow issues. Projects that are not within basins as listed above are also eligible to receive funding. Conservation districts statewide are eligible for such grants. A conservation district receiving funds shall manage each grant to ensure that a portion of the water saved by the water conservation measure or irrigation efficiency will be placed as a purchase or a lease in the trust water rights program to enhance instream flows. The proportion of saved water placed in the trust water rights program must be equal to the percentage of the public investment in the conservation measure or irrigation efficiency. The percentage of the public investment may not exceed 85 percent of the total cost of the conservation measure or irrigation efficiency.

Project Type
Grants

Grant Recipient Organization: Conservation Districts
RCW that establishes grant: Legislative Appropriation
Application process used
Local conservation districts help agriculture clients determine eligibility criteria. Cost share proposals are approved by the Washington State Conservation Commission and Ecology staff with review by the Washington Department of Fish and Wildlife.

Growth Management impacts
None

Funding

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Project Title: Water Irrigation Efficiencies Program

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### Operating Impacts

No Operating Impact
### Expected Use of Bond/COP Proceeds

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<td>Jim Skalski</td>
<td>Phone:</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? [X] Yes [ ] No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? [ ] Yes [X] No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? [X] Yes [ ] No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? [X] Yes [ ] No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? [ ] Yes [X] No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? [ ] Yes [X] No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? [ ] Yes [X] No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? [X] Yes [ ] No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? [ ] Yes [X] No

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

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

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
Project Summary
Exposure to diesel exhaust, our state's number one airborne health threat, increases cancer risk and causes or worsens asthma, heart disease, and lung diseases. Public exposures are notably increased near ports, distribution centers, rail yards, and other areas. This is where heavy-duty diesel engines on buses, trucks, locomotives, cargo-handling equipment, and vessels operate in close proximity to populated areas. Strategies to reduce these emissions include exhaust retrofits, idle-reduction programs, installing idle-reduction technologies, and fuel-efficiency measures. Installing these technologies will greatly reduce public health costs and lessen operating expenses for engine owners. Ecology will continue to issue grants to local entities to reduce diesel emissions in high-risk diesel pollution areas statewide. (State Toxics Control Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Funding

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Operating Impacts
No Operating Impact
Project Summary
The requested reappropriation for Ecology's Centennial Clean Water Program (CCWP) will provide funds for grants and loans to public bodies for financing planning, implementation, design, acquisition, and construction of water pollution control facilities and non-point source pollution control. Ecology uses these funds primarily for grants, which are distributed through a statewide competitive rating and ranking prioritization process. Ecology provides funding to address the highest priority statewide water quality needs including projects for small communities that are financially distressed, and to address water quality problems associated with urban and rural activities. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: chapter 70.146 RCW

Application process used
Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the State Revolving Fund, Centennial Clean Water Fund, and the Clean Water Act Section 319 Program. The application period begins on September 1 and continues through November. Ecology staff screen, review, and rate and rank the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. A draft list for all three programs is developed and becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2013 Final Offer and Applicant List is available on the Water Quality website: http://www.ecy.wa.gov/programs/wq/funding.

Growth Management impacts
None

Funding

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Operating Impacts

No Operating Impact
**Expected Use of Bond/COP Proceeds**

**Agency No.** 461  
**Agency Name** Department of Ecology  
**Contact Name:** Kimberly Wagar  
**Phone:** 360-407-6614  
**Fax:** 360/407-6426  
**Fund(s) Number:** 057  
**Fund Name:** State Building Construction Account  
**Project Number:** 30000008  
**Project Title:** Centennial Clean Water Program

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☑ Yes ☐ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☑ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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

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- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

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

Starting Fiscal Year: 2012
Project Class: Grant - Pass Through
Agency Priority: 57

Project Summary
The Legislature funded remediation activities at contaminated sites in eastern Washington in the 2011-13 biennium. This capital initiative is used exclusively in eastern Washington to clean up contaminated sites where the responsible party (land user, facility operator or property owner) is either unwilling or unable to pay costs associated with remediation activities. Cleaning up these sites protects public and environmental health, creates jobs and promotes economic growth as they are redeveloped. Ecology requests reappropriation to continue cleanups at contaminated sites in eastern Washington. (State Toxics Control Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Department of Ecology
RCW that establishes grant: chapter 70.105D RCW
Application process used
None

Growth Management impacts
None

Funding

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Operating Impacts
No Operating Impact
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Description

Starting Fiscal Year: 2010
Project Class: Grant - Pass Through
Agency Priority: 58

Project Summary
Ecology requests reappropriation to continue the Habitat Mitigation project in the 2015-17 biennium. Wetlands provide many benefits to people, fish, and wildlife. They filter pollutants, provide habitat, store flood waters, recharge aquifers, and maintain water flows during dry periods. The State Water Pollution Control Act, chapter 90.48 RCW, protects the waters of the state, including wetlands. When someone damages wetlands, they are required to provide mitigation to offset those impacts. The Legislature authorized the Habitat Mitigation project to focus on improving options for wetland mitigation through the use of a payment program. In lieu of developing their own mitigation site, applicants for state, federal, or local permits can pay a fee to meet their regulatory requirements to compensate for lost and damaged wetlands. This project includes the development of two in-lieu fee programs in Puget Sound and the acquisition and construction of mitigation sites. This funding was originally appropriated in the 2011-13 biennium. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Funding

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Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

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<td>Contact Name:</td>
<td>Lauren Driscoll</td>
<td>Phone:</td>
<td>360-407-7045</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☒ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☒ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☒ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☒ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? ☐ Yes ☒ No

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

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

Attach this form to your project in CBS. The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
461 - Department of Ecology
Capital Project Request
2015-17 Biennium

Starting Fiscal Year: 2014
Project Class: Grant - Pass Through
Agency Priority: 60

Project Summary
This project is managed by the United States Bureau of Reclamation (USBR) for conservation improvements required by the Sunnyside Division Water Rights Settlement Agreement in the Yakima Basin Water Rights Adjudication. (State of Washington, Department of Ecology vs. James J. Acquavella, et al.) These are multi year projects, and additional funding will be needed to cover our required state match of 17.5 percent of total project costs for the next five biennia: Sunnyside Valley Irrigation District (SVID) Phase 2B project cost estimated at $80 million ($14 million Ecology cost share) over a 15 year construction period; Roza project cost estimated at $20 million ($3.5 million Ecology cost share) over a six year construction period. Staffing to support Yakima River Basin Water Enhancement Project (YRBWEP) is also included. In 2015-17, Ecology requests reappropriation form the State Buidling Construction Account to continue the construction schedule for the state's share of the YRBWEP. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

RCW that establishes grant: None
Application process used
Authorization was the Federal Public Law 103 434 and the Yakima Superior Court Adjudication Water Right Settlement.

Growth Management impacts
None

Funding

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Operating Impacts
No Operating Impact
## Expected Use of Bond/COP Proceeds

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<th>461</th>
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<tr>
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<td>Jim Skalski</td>
<td>Phone:</td>
<td>360-407-6617</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes ☒ No ☐
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes ☐ No ☒
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes ☒ No ☐
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes ☐ No ☒
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? Yes ☐ No ☒
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes ☐ No ☒
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes ☐ No ☒
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes ☒ No ☐
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? Yes ☐ No ☒

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

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
Project Number: 30000325  
Project Title: Reducing Toxic Wood Stove Emissions

Description

Starting Fiscal Year: 2014  
Project Class: Grant - Pass Through  
Agency Priority: 61

Project Summary

Ecology received an appropriation to reduce the use of old, high-polluting wood stoves in communities facing high public health risk from wood smoke. Ecology will do this through wood stove change-out programs, resulting in up to 100 tons of fine particle pollution being reduced each year. Funds may also be used for other creative strategies to reduce the use of or need for wood for heat in areas around the state at high risk of violating new national ambient air quality standards for fine particles. Proposed areas are either measuring pollution levels that violate existing federal clean air standards, or are "at risk" of or vulnerable to violating standards, and must be returned to clean air status as required by federal law. Smoke from wood burning stoves causes significant health problems including asthma, lung disease, heart disease, stroke, and premature death. (State Toxics Control Account)

Project Description

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type

Grants

Grant Recipient Organization: Local Air Agencies and Ecology Regional Offices  
RCW that establishes grant: N/A  
Application process used

Competitive process. Ecology establishes grant criteria for each grant cycle, such as: location in an area designated non–attainment for federal ambient air quality standards or at risk of being declared non-attainment; ability to leverage other funding sources; proposed actions resulting in the greatest PM 2.5 emission reductions; creative approaches to reach high volume wood users; replacement of uncertified devices that are a home’s primary heat source; education of consumers; readiness to proceed; and demonstrated capacity to spend the requested funding. All applications are evaluated and ranked against the adopted criteria, and decisions on funding are made based on the amount available and the worthiness of projects.

Growth Management impacts

None

Funding

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Operating Impacts
Operating Impacts

No Operating Impact
## Description

**Starting Fiscal Year:** 2012  
**Project Class:** Grant - Pass Through  
**Agency Priority:** 62  

**Project Summary**
Ecology’s emphasis on bay wide cleanup in seven priority bays has highlighted a valuable link between toxic site cleanup and habitat restoration. Cleanup and restoration can be done cheaper, better and quicker because projects are designed and built in a coordinated manner, and equipment and resources are on site to do the work. Ecology requests reappropriation to continue these important Puget Sound cleanup projects. Cleaning up toxic sites and restoring habitat at the same time in and around Puget Sound make an efficient and effective use of state and local resources. In addition, cleaning up these contaminated sites protects public and environmental health, creates jobs and promotes economic development by allowing properties to be redeveloped. (State Toxics Control Account)

**Project Description**
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**
Grants

**Grant Recipient Organization:** Department of Ecology  
**RCW that establishes grant:** chapter 70.105D RCW  
**Application process used**
This will be a capital project directly operated and controlled by Ecology.

**Growth Management impacts**
None

### Funding

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**Operating Impacts**
No Operating Impact
Project Title: Watershed Plan Implementation and Flow Achievement

Project Summary
Local watershed plans are being developed using state grant funds issued under chapter 90.82 RCW (Watershed Planning). These plans identify many statewide capital needs, including new projects, rehabilitation of existing water systems, water conservation and acquisition of existing water rights for instream flow and other future needs. Ecology requests reappropriation from the State Building Construction Account for projects previously authorized by the Legislature to finance capital projects and water acquisition strategies for implementing locally developed watershed plans. These projects and acquisitions will help watershed units meet future water needs while achieving recommended instream flows. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local entities with an adopted watershed plan or other similar type plan

RCW that establishes grant: chapter 90.82 RCW

Application process used
A competitive grant process was used for each of the categories funded through this appropriation.

Growth Management impacts
None

Funding

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Future Fiscal Periods

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Operating Impacts
No Operating Impact
1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? Yes No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? Yes No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? Yes No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? Yes No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? Yes No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? Yes No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? Yes No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? Yes No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? Yes No

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

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

Description

Starting Fiscal Year:  2014
Project Class:  Grant - Pass Through
Agency Priority:  64

Project Summary

Over the past two years, much time and effort has been spent identifying projects that have the potential to restore flow to and mitigate impacts within the Dungeness River basin. The Dungeness Local Leaders Work Group conducted a multi-variable evaluation and cost benefit analysis of 21 different projects that would restore flows and mitigate other instream impacts. Ecology is requesting reappropriation from the State Building Construction Account to continue implementing projects such as aquifer recharge, source substitution, storage, and acquisition projects that will restore flows and mitigate withdrawals from the Dungeness River and other streams in the Dungeness River basin. This suite of projects will help restore flows within the watershed, mitigate and offset new water use, allow additional growth and economic development, and avoid the costly problems experienced in other watersheds. (State Building Construction Account)

Proviso

Ecology requests the following proviso language be included in the Capital Budget. "Dungeness Water Supply and Mitigation: The appropriation in this section is subject to the following conditions and limitations: The appropriation in this section is provided solely for the department to develop mitigation options and alternative water sources or tools to make water available for stream flows and to mitigate for rural development within the basin. The department will work with the Dungeness Local Leaders Workgroup to coordinate water supply and mitigation projects for implementation that have been developed in cooperation with local stakeholders."

Project Type

Grants

Grant Recipient Organization:  Local Entities
RCW that establishes grant:  Legislative Appropriation
Application process used

Competitive grants to local entities.

Growth Management impacts

None

Funding

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**OFM**

461 - Department of Ecology  
Capital Project Request  
2015-17 Biennium  

**Project Number:** 30000333  
**Project Title:** Dungeness Water Supply & Mitigation

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**Operating Impacts**

No Operating Impact
## Expected Use of Bond/COP Proceeds

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

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- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
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Description

Starting Fiscal Year: 2013
Project Class: Grant - Pass Through
Agency Priority: 65

Project Summary
This request will fund development of mitigation options and alternative water sources or tools to make water available for stream flows and rural domestic permit-exempt uses within the Carpenter-Fisher, East Nookachamps, and Upper Nookachamps sub-basins. Ecology will partner with local governments, tribes, the Skagit Public Utility District (PUD) and other local water systems, and affected property owners to develop and implement these projects. Ecology requests reappropriation from the State Building Construction Account to complete water supply projects in the Skagit River sub-basin. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Proviso
The appropriation in this section is subject to the following conditions and limitations: The appropriation in this section is provided solely for the department to develop mitigation options and alternative water sources or tools to make water available for stream flows and for rural domestic permit-exempt uses within the Carpenter-Fisher, East Nookachamps, and Upper Nookachamps Subbasins. Up to $100,000 of the amount specified shall be used to develop a rural domestic demonstration project to determine if on-site best management practices, including, but not limited to, rainwater infiltration, water conservation, and low impact development standards, can meet the mitigation requirements of chapter 173-503 WAC and be reasonably and feasibly integrated into rural domestic developments.

Project Type
Grants

Grant Recipient Organization: Grant funds may be provided to local governments to implement this project
RCW that establishes grant: Legislative Appropriation
Application process used
None

Growth Management impacts
None

Funding

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Project Number: 91000181
Project Title: Skagit Mitigation

Operating Impacts

No Operating Impact
# Expected Use of Bond/COP Proceeds

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<th>461</th>
<th>Agency Name</th>
<th>Ecology</th>
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<tr>
<td>Contact Name:</td>
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<td>Phone:</td>
<td>360-407-6617</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☑ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☑ Yes ☐ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

---

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

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

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
*** This page intentionally blank. ***
Ecology requests reappropriation to continue the Lower Yakima Basin Ground Water Management Area (GWMA) program development project in the 2015–17 Biennium. The proposed Yakima Basin GWMA is a response to elevated nitrate concentrations in groundwater in the Lower Yakima Valley. The concentrations detected in groundwater can be harmful to human health and the environment. (State Building Construction Account)

Project Summary

Starting Fiscal Year: 2014
Project Class: Grant - Pass Through
Agency Priority: 66

Project Description

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type

Grants

Grant Recipient Organization: Expected to be Yakima County
RCW that establishes grant: None
Application process used

Funds included in 2012 Supplemental Capital Budget to fund Yakima GWMA work tasks.

Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name Department of Ecology

Contact Name: Kim Wagar  
Phone: 360-407-6614

Fund(s) Number: 057  
Fund Name: State Building Construction Account  
Project Number: 92000085  
Project Title: Lower Yakima GWMA Program Development

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☑ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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

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

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

In 2005, the Legislature passed E2SHB 1605, directing Ecology to help schools and child care facilities by providing technical and financial assistance to conduct qualitative evaluations, soil testing and implement best practices to protect children from soil contamination. The Legislature appropriated $3,711,000 in the 2011-13 Biennial Capital Budget to clean up this contamination at additional schools in central Washington. Ecology requests reappropriation to complete cleanups in central Washington. (State Toxics Control Account)

**Project Description**

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**

Grants

**Grant Recipient Organization:** Department of Ecology

**RCW that establishes grant:** chapter 70.140 RCW

**Application process used**

This will be a capital project directly operated and controlled by Ecology.

**Growth Management impacts**

None

**Funding**

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**Operating Impacts**

No Operating Impact
*** This page intentionally blank. ***
Local watershed plans are being developed using state grant funds issued under chapter 90.82 RCW (Watershed Planning). These plans identify many statewide capital needs, including new projects, rehabilitation of existing water systems, water conservation and acquisition of existing water rights for instream flow and other future needs. Ecology requests reappropriation from the State Building Construction Account for projects previously authorized by the Legislature to finance capital projects and water acquisition strategies for implementing locally developed watershed plans. These projects and acquisitions will help watershed units meet future water needs while achieving recommended instream flows. (State Building Construction Account)

Project Description

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type

Grants

Grant Recipient Organization: Local entities with an adopted watershed plan or other similar type plan

RCW that establishes grant: chapter 90.82 RCW

Application process used: A competitive grant process was used for each of the categories funded through this appropriation.

Funding

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Future Fiscal Periods

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Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name: Ecology  
Contact Name: Jim Skalski  
Phone: 360-407-6617  
Fax: State Building Construction Account  
Fund(s) Number: 057  
Fund Name: State Building Construction Account  
Project Number: 20084029  
Project Title: Watershed Plan Implementation and Flow Achievement

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

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

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

**Starting Fiscal Year:** 2008  
**Project Class:** Grant - Pass Through  
**Agency Priority:** 69

**Project Summary**  
The requested reappropriation for Ecology's Centennial Clean Water Program (CCWP) will provide funds for grants and loans to public bodies for financing planning, implementation, design, acquisition, and construction of water pollution control facilities and non-point source pollution control. Ecology uses these funds primarily for grants, which are distributed through a statewide competitive rating and ranking prioritization process. Ecology provides funding to address the highest priority statewide water quality needs including projects for small communities that are financially distressed, and to address water quality problems associated with urban and rural activities. (State Toxics Control Account)

**Project Description**  
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**  
Grants

**Grant Recipient Organization:** Local Governments  
**RCW that establishes grant:** chapter 70.146 RCW

**Application process used**  
Ecology manages an integrated funding approach using a joint application, evaluation, and rating and ranking process for the State Revolving Fund, Centennial Clean Water Fund, and the Clean Water Act Section 319 Program. The application period begins on September 1 and continues through November. Ecology staff screen, review, and rate and rank the applications from November through December. We evaluate and assign points according to an objective rating system that identifies the highest priority water quality needs statewide. In January, Ecology produces a draft project list for the Legislature to use during budget considerations. A draft list for all three programs is developed and becomes final on July 1 or sooner, contingent on Capital Budget appropriations. The Fiscal Year 2013 Final Offer and Applicant List is available on the Water Quality website: http://www.ecy.wa.gov/programs/wq/funding.

**Growth Management impacts**  
None

**Funding**

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**Future Fiscal Periods**

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**Funding**

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**Operating Impacts**

No Operating Impact
## Expected Use of Bond/COP Proceeds

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<td>Centennial Clean Water Program</td>
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</table>

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

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- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

**Attach this form to your project in CBS.** The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
*** This page intentionally blank. ***
Watershed Plan Implementation and Flow Achievement

Local watershed plans are being developed using state grant funds issued under chapter 90.82 RCW (Watershed Planning). These plans identify many statewide capital needs, including new projects, rehabilitation of existing water systems, water conservation and acquisition of existing water rights for instream flow and other future needs. Ecology requests reappropriation from the State Building Construction Account for projects previously authorized by the Legislature to finance capital projects and water acquisition strategies for implementing locally developed watershed plans. These projects and acquisitions will help watershed units meet future water needs while achieving recommended instream flows. (State Building Construction Account)

Project Description

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Funding

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Future Fiscal Periods

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Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name: Ecology  
Contact Name: Jim Skalski  
Phone: 360-407-6617  
Fax:  
Fund(s) Number: 057  
Fund Name: State Building Construction Account  
Project Number: 30000028  
Project Title: Watershed Plan Implementation and Flow Achievement

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   | Yes | No |

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   | Yes | No |

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   | Yes | No |

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
   | Yes | No |

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes?  
   | Yes | No |

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  
   | Yes | No |

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  
   | Yes | No |

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
   | Yes | No |

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  
   | Yes | No |

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

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

Starting Fiscal Year: 2014
Project Class: Grant - Pass Through
Agency Priority: 72

Project Summary
An environment free of waste tires is important to the public health of Washington citizens. Piles of waste tires harbor mosquitoes, snakes, and other vermin. West Nile Virus transmitted by mosquitoes poses a threat to public health. Tire piles that have existed for a significant length of time present a fire hazard. Illegal dumping of tires continues to challenge state and local officials responsible for cleaning up unauthorized dumpsites and preventing further waste accumulation. This request is for a reappropriation of the remaining funds from the 2013-15 biennium to continue funding prevention and removal of waste tire piles, enforcement, and education on tire storage and hauling regulations. In addition to this request, Ecology has one new appropriation request for 1.15 FTE and $1,000,000 in the 2015-17 Biennial Capital Budget. (Waste Tire Removal Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Public entities including cities, counties, irrigation or mosquito ctrl district, universities, and tribes.
RCW that establishes grant: chapter 70.95 RCW
Application process used
Ecology and public entities work together to provide opportunities for waste tire pile prevention, enforcement, and cleanup across the state of Washington.

Growth Management impacts
None

Funding

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Future Fiscal Periods

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Operating Impacts

No Operating Impact
*** This page intentionally blank. ***
Description

Starting Fiscal Year: 2005
Project Class: Grant - Pass Through
Agency Priority: 74

Project Summary
Ecology requests reappropriation from the State Building Construction Account to acquire replacement water to mitigate for issuance of a water right permit to divert Columbia River water for use by the Quad Cities (Pasco, Kennewick, Richland, and West Richland). The mitigation water is needed to ensure the Quad Cities water diversion is not interrupted by periodic low flow conditions. The mitigation funding will partially implement a legal settlement between Ecology and the Quad Cities. These mitigation investments will enable the Quad Cities to have water available for growth and economic development and protect stream flows for fish and other instream uses. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Water Right Holders
RCW that establishes grant: Legislative Appropriation
Application process used
Ecology is attempting to acquire existing water rights to meet the mitigation requirement. Once a willing seller is found, Ecology determines the fair market value of the available water to negotiate a value of the water right.

Growth Management impacts
None

Funding

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Operating Impacts

No Operating Impact
## Expected Use of Bond/COP Proceeds

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<th>Ecology</th>
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<tr>
<td>Contact Name</td>
<td>Jim Skalski</td>
<td>Phone:</td>
<td>360-407-6617</td>
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<td>Fund(s) Number</td>
<td>057</td>
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<td>Project Number</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☑ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
**Description**

Starting Fiscal Year: 2014  
Project Class: Grant - Pass Through  
Agency Priority: 75  

**Project Summary**

Each year in Washington, thousands of vehicles containing mercury switches are crushed and shredded. This process releases mercury, a highly toxic substance able to harm people and the environment. During the 2006 legislative session, the Legislature provided $1 million to fund a collection and recovery program for mercury switches in vehicles. During the 2013 legislative session, the Legislature provided this additional capital funding for $500,000 and 0.6 FTE. Since 2006, the program has recovered over 220,000 switches containing nearly 500 pounds of mercury. This reappropriation request for the remainder of the $500,000 will allow Ecology to continue its successful mercury switch removal program during fiscal years 2016-2017, resulting in the safe management of an additional 120 pounds of mercury waste. (State Toxics Control Account).

**Project Description**

Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**

Grants

**Grant Recipient Organization:** Rebates paid to individual businesses that collect mercury switches from vehicles.  
**RCW that establishes grant:** None  
**Application process used**

Businesses sign up by completing a form available on Ecology's Web site containing shipping and payment information. Ecology pays the rebate when the national recycling center verifies receipt of the switches.

**Growth Management impacts**

None

### Funding

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**Future Fiscal Periods**

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**Operating Impacts**

No Operating Impact
**Description**

**Starting Fiscal Year:** 1974  
**Project Class:** Grant - Pass Through  
**Agency Priority:** 76

**Project Summary**
Ecology requests reappropriation from the State and Local Improvements Revolving Account to continue agricultural water supply and conservation projects currently under contract for the Water Supply Facilities Program. These projects will improve the efficiency and reliability of agricultural water supplies throughout the state while protecting and improving streamflows. (State & Local Improvements Revolving Account - Water Supply Facilities (Ref. 38))

**Project Description**
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Project Type**
Grants

**Grant Recipient Organization:** Public Water Supply Facilities  
**RCW that establishes grant:** chapter 43.83B RCW

**Application process used**
The agriculture water supply projects in this program result from use of a competitive process established by 173.170 WAC.

**Growth Management impacts**
None

### Funding

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**Future Fiscal Periods**

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**Operating Impacts**
No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name Ecology  
Contact Name: Jim Skalski  
Phone: 360-407-6617  
Fax:  
Fund(s) Number: 072  
Fund Name: State and Local Improvements  
Revolving Account  
Project Number: 19742006  
Project Title: Water Supply Facilities

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

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- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

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

Starting Fiscal Year: 2013
Project Class: Grant - Pass Through
Agency Priority: 77

Project Summary
Ecology requests reappropriation from the Columbia River Basin Water Supply Development Account to continue the Groundwater Management project in the 2015-17 biennium. The proposed Yakima Basin Ground Water Management Area (GWMA) is a response to elevated nitrate concentrations in groundwater in the Lower Yakima Valley. The concentrations detected in groundwater can be harmful to human health and the environment. The reappropriated dollars will fund tasks outlined in the Yakima GWMA application submitted to Ecology in June 2011. (Columbia River Basin Water Supply Development Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Expected to be Yakima County
RCW that establishes grant: None
Application process used
Funds included in 2012 Supplemental Capital Budget to fund Yakima GWMA work tasks.

Growth Management impacts
None

Funding

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Future Fiscal Periods

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Operating Impacts
No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name: Ecology  
Contact Name: Kim Wagar  
Phone: 360-407-6614  
Fax:  
Fund(s) Number: 10P  
Fund Name: Columbia River Basin Water Supply Development Account  
Project Number: 92000061  
Project Title: Ground Water Management Yakima Basin

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☑ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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☐ If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.

☐ If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
### Description

**Starting Fiscal Year:** 2006  
**Project Class:** Grant - Pass Through  
**Agency Priority:** 78

**Project Summary**  
Local watershed plans are being developed using state grant funds issued under chapter 90.82 RCW (Watershed Planning). These plans identify many statewide capital needs, including new projects, rehabilitation of existing water systems, water conservation and acquisition of existing water rights for instream flow and other future needs. Ecology requests reappropriation from the State Building Construction Account for projects previously authorized by the Legislature to finance capital projects and water acquisition strategies for implementing locally developed watershed plans. These projects and acquisitions will help watershed units meet future water needs while achieving recommended instream flows. 

**Project Description**  
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

**Proviso**  
The reappropriation is subject to the provisions in section 136 chapter 371 laws of 2006.

**Project Type**  
Grants

**Grant Recipient Organization:** Local entities with an adopted watershed plan or other similar type plan  
**RCW that establishes grant:** chapter 90.82 RCW  
**Application process used**  
A competitive grant process was used for each of the categories funded through this appropriation.

**Growth Management impacts**  
None

### Funding

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**Future Fiscal Periods**

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Page 491 of 522
Project Number: 20062003
Project Title: Watershed Plan Implementation and Flow Achievement

**Operating Impacts**

No Operating Impact
## Expected Use of Bond/COP Proceeds

<table>
<thead>
<tr>
<th>Agency No.</th>
<th>461</th>
<th>Agency Name</th>
<th>Ecology</th>
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<tbody>
<tr>
<td>Contact Name:</td>
<td>Jim Skalski</td>
<td>Phone:</td>
<td>360-407-6617</td>
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<td>Fund(s) Number:</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☑ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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

- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
- If the answer to all of questions 1 through 6 are no and the answer to either question 7 or 8 is yes, request taxable funding from Fund 355.
- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
Project Number: 92000002
Project Title: Protect Communities from Flood and Drought

Description

Starting Fiscal Year: 2010
Project Class: Grant - Pass Through
Agency Priority: 79

Project Summary
Ecology requests reappropriation from the State Building Construction Account to complete three important projects. Two of them involve flood protection, and the other is drought related. The Horseshoe Bend Levee project provides 100 year flood protection to communities in the Kent Valley and is complete. The first ongoing project funds a drought project that provides adequate irrigation water supplies and improves instream flows in Manastash Creek in Kittitas County. The second and third ongoing projects, both nearing completion, are flood projects in Yakima County and Skagit County. The Skagit County project is for Flood Risk Management Project studies in coordination with a U.S. Army Corps of Engineers General Investigation for the Skagit basin. The Yakima County project is the Boise Cascade Levee Breaching and Floodplain Restoration Project, where a levee has been removed from the Yakima River bank and the floodplain restored to improve floodwater storage and habitat. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Several local governments
RCW that establishes grant: None
Application process used: Competitive grants and budget proviso.

Growth Management impacts
None

Funding

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Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

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<tr>
<td>Contact Name:</td>
<td>Scott McKinney</td>
<td>Phone:</td>
<td>360 407-6131</td>
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<td>Fax:</td>
<td>360 407-7162</td>
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<tr>
<td>Project Title:</td>
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</tbody>
</table>

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☒ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☒ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☒ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☒ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☒ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☒ No

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- If the answer to any one of questions 1 through 5 is yes and answers to 6, 7, and 8 are no, request tax exempt funding.
- If the answer to any one of questions 1 through 5 is yes and 6 is yes, request taxable funding from Fund 355.
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- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.
461 - Department of Ecology
Capital Project Request
2015-17 Biennium

Project Number: 30000278
Project Title: Yakima Basin Integrated Water Management Plan Implementation

Description

Starting Fiscal Year: 2012
Project Class: Grant - Pass Through
Agency Priority: 80

Project Summary
Ecology requests reappropriation from the State Building Construction Account to continue implementation of the Integrated Water Resource Management Plan identified as a result of the Yakima River Basin Water Storage Feasibility study. Projects proposed for inclusion with this first phase of implementation address storage including Wymer Reservoir and Bumping Lake Expansion projects, and fish passage at Cle Elum Dam. Once these projects are completed additional water supplies will be available, and fish passage and habitat will be improved. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: None
RCW that establishes grant: Legislative Appropriation
Application process used: None

Growth Management impacts
None

Funding

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Future Fiscal Periods

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Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No.  461  
Contact Name: Jim Skalski  
Phone: 360-407-6617 
Fax: State Building Construction Account 
Fund(s) Number: 057  
Fund Name: Yakima Basin Integrated Water Management Plan Implementation 
Project Number: 30000278  
Project Title: Management Plan Implementation

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☑ Yes ☐ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☑ Yes ☐ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☑ Yes ☐ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☑ Yes ☐ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☑ Yes ☐ No

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

Starting Fiscal Year: 2008
Project Class: Grant - Pass Through
Agency Priority: 81

Project Summary
Ecology requests reappropriation from the State Building Construction Account to continue the Transfer of Water Rights for Cabin Owner's project in 2015-17. The request will allow purchase of additional water for domestic water users in the Yakima Basin that have a surface water right with a priority date later than May 10, 1905, as well as purchases for all out-of-priority surface water users in the basin. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Surface water right holders with a priority date after May 10, 1905

RCW that establishes grant: Legislative Appropriation

Application process used
This project is targeted toward domestic water users in the Yakima River Basin WRIAs 37, 38, and 39 that have a surface water right with a priority date later than May 10, 1905, as well as for all out of priority surface water users in the Yakima Basin, per the requirements of the 2007–09 Biennial Capital Budget.

Growth Management impacts
None

Funding

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<th>Acct Code</th>
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<th>Expenditures Prior Biennium</th>
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Operating Impacts
No Operating Impact
**Expected Use of Bond/COP Proceeds**

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<th>Agency No.</th>
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<th>Agency Name</th>
<th>Ecology</th>
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<tbody>
<tr>
<td>Contact Name:</td>
<td>Jim Skalski</td>
<td>Phone:</td>
<td>360-407-6617</td>
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<td>Fund(s) Number:</td>
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<td>Project Number:</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  
   - [x] No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  
   - [x] No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  
   - [x] No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
   - [ ] Yes  
   - [x] No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes?  
   - [ ] Yes  
   - [x] No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  
   - [ ] Yes  
   - [x] No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  
   - [x] No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
   - [ ] Yes  
   - [x] No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  
   - [ ] Yes  
   - [x] No

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

Starting Fiscal Year: 2011
Project Class: Grant - Pass Through
Agency Priority: 82

Project Summary
Ecology requests reappropriation of funds for wastewater treatment and reclamation projects provisioned in the 2010 Supplemental Capital Budget. The wastewater treatment and reclamation projects identified in the enacted budget are for the following communities: Potlatch wastewater treatment and reclamation, Willapa Harbor sewer project, Omak sanitary sewer project, and Sultan wastewater treatment facility. Ecology requests reappropriation from the State Building Construction Account to continue the projects in 2015-17. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: None
RCW that establishes grant: None
Application process used
No application process was used. All funds awarded per Legislative Proviso.

Growth Management impacts
None

Funding

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Operating Impacts
No Operating Impact
**Expected Use of Bond/COP Proceeds**

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<th>Agency Name</th>
<th>Department of Ecology</th>
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<tbody>
<tr>
<td>Contact Name:</td>
<td>Kimberly Wagar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone:</td>
<td>360/407-6614</td>
<td>Fax:</td>
<td>360/407-6426</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☑ Yes ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☑ Yes ☐ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☑ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☑ Yes ☐ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? ☑ Yes ☐ No

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

Starting Fiscal Year: 2010
Project Class: Grant - Pass Through
Agency Priority: 83

Project Summary
Ecology requests reappropriations to continue cleanup work related to mining operations in northwest and eastern Washington. ASARCO owned or operated mines at various times between 1900 and 1960, and contamination from the tailings piles continues to create dangerous conditions for nearby waterways. This funding will protect public and environmental health, create jobs and promote economic development by allowing contaminated properties to be redeveloped. (Cleanup Settlement Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Department of Ecology
RCW that establishes grant: chapter 70.105D RCW
Application process used
There is no formal application process. Funds deposited in the Cleanup Settlement Account are to be used only to conduct remedial actions at the specific facility or to assess or address the injury to natural resources caused by the release of hazardous substances from that facility.

Growth Management impacts
None

Funding

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Future Fiscal Periods

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Operating Impacts

No Operating Impact
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Description

Starting Fiscal Year: 2004
Project Class: Grant - Pass Through
Agency Priority: 84

Project Summary
Ecology requests reappropriation from the State Building Construction Account to continue the Twin Lakes Aquifer Recharge Project located in the Methow Valley. The project is being undertaken to restore declining aquifer and lake levels in and around Twin Lakes. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Infrastructure Preservation (Minor Works)

Grant Recipient Organization: Contracts to private engineering firms using cost reimbursement study contractor pool
RCW that establishes grant: Legislative Appropriation
Application process used
Use study contractor from the water right cost reimbursement contractor pool.

Growth Management impacts
None

Funding

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Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name: Ecology  
Contact Name: Jim Skalski  
Phone: 360-407-6617  
Fund(s) Number: 057  
Project Number: 20042951

Project Title: Twin Lakes Aquifer Recharge Project

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes? ☐ Yes ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? ☐ Yes ☑ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency? ☐ Yes ☑ No

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

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

**Description**

Starting Fiscal Year: 2012  
Project Class: Grant - Pass Through  
Agency Priority: 85

**Project Summary**

The Town of Skykomish was the site of a Burlington Northern Santa Fe (BNSF) railway maintenance and fueling facility. During the operation of this facility, over 2,000,000 gallons of fuel spilled and seeped into the Skykomish River. In 2008, Ecology entered into a Consent Decree with BNSF, which called for a $5,050,000 payment to the State for damages to the environment. The Legislature appropriated settlement funds for habitat restoration projects in the Skykomish and Snohomish River watersheds. Ecology requests reappropriation to complete the habitat restoration projects. (Cleanup Settlement Account)

**Project Type**

Grants  

**Grant Recipient Organization:** Department of Ecology  
**RCW that establishes grant:** chapter 70.105D RCW  
**Application process used**

The projects funded support the restoration, enhancement or protection of fish and aquatic habitat in the Skykomish or Snohomish River Watersheds. Ecology administers disbursements on behalf of the state in consultation with the federal Oil Pollution Act Trustees: The Tulalip Tribes of Washington, United States Department of Interior (Fish and Wildlife Service), United States Department of Agriculture (Forest Service), and the United States Department of Commerce (National Oceanic and Atmospheric Administration).

**Growth Management impacts**

None

**Funding**

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**Operating Impacts**

No Operating Impact
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OFM

461 - Department of Ecology
Capital Project Request
2015-17 Biennium

Project Number: 20084026
Project Title: Yakima River Basin Water Storage Feasibility Study

Description

Starting Fiscal Year: 2008
Project Class: Grant - Pass Through
Agency Priority: 86

Project Summary
Ecology requests reappropriation from the State Building Construction Account to continue the Yakima River Basin Storage Feasibility Study. The study addresses alternate water storage options in the Yakima River Basin, aimed at improving water supply and augmenting streamflows. The United States Bureau of Reclamation is providing an equal amount for this study as required through the funding agreement with Ecology. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Proviso
The reappropriation in this section is subject to the following conditions and limitations: The reappropriation is provided solely for completion of the U.S. Bureau of Reclamation's Yakima Basin Storage Feasibility Study, including the associated joint National Environmental Policy Act, the State Environmental Policy Act, and environmental impact statement. The reappropriated funds are to be used by the Bureau of Reclamation and the Department of Ecology to evaluate potential in basin storage facilities such as the proposed Bumping Lake and Wymer reservoirs and other reasonable alternatives that will enhance water supplies and streamflows in the Yakima Basin.

Project Type
Grants

Grant Recipient Organization: United States Bureau of Reclamation and private contractors
RCW that establishes grant: Legislative Appropriations
Application process used: The process for funding this study resulted in an Intergovernmental agreement between the United States Bureau of Reclamation and Ecology with each contributing fifty percent of the project costs.

Growth Management impacts
None

Funding

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Operating Impacts
Operating Impacts

No Operating Impact
Expected Use of Bond/COP Proceeds

**Agency No.** 461  
**Agency Name** Ecology  
**Contact Name:** Jim Skalski  
**Phone:** 360-407-6617  
**Fax:**  
**Fund(s) Number:** 057  
**Fund Name:** State Building Construction Account  
**Project Number:** 20084026  
**Project Title:** Yakima River Basin Water Storage Feasibility Study

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
   - Yes  
   - No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes?  
   - Yes  
   - No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  
   - Yes  
   - No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
   - Yes  
   - No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  
   - Yes  
   - No

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

Starting Fiscal Year: 2010
Project Class: Grant - Pass Through
Agency Priority: 87

Project Summary
Ecology requests reappropriation from the State and Local Improvements Revolving Account (Water Supply Facilities) to complete the groundwater study in the Upper Yakima River Basin in Kittitas County. Once completed, the study will provide the necessary data to help inform water resource decisions in the basin. (State & Local Improvements Revolving Account - Water Supply Facilities (Ref. 38))

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Governments
RCW that establishes grant: Legislative Appropriations
Application process used
Negotiation with the local government on selection of study contractor, scope of work, deliverables, and budget.

Growth Management impacts
None

Funding

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[Summary of expenditures and reappropriations for future fiscal periods]

Operating Impacts
No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name: Ecology  
Contact Name: Jim Skalski  
Phone: 360-407-6617  
Fax:  
Fund(s) Number: 072  
Fund Name: State and Local Improvement Revolving Account  
Project Number: 30000029  
Project Title: Kittitas Groundwater Study

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   ☐ Yes  ☑ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   ☐ Yes  ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   ☐ Yes  ☑ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
   ☐ Yes  ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental* purposes?  
   ☐ Yes  ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  
   ☐ Yes  ☑ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  
   ☐ Yes  ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
   ☐ Yes  ☑ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such as a business corporation or the federal government, including any federal department or agency?  
   ☐ Yes  ☑ No

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- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

Attach this form to your project in CBS. The Office of the State Treasurer, bond counsel, or the Office of Financial Management may review this form for any projects requested in the budget.
Project Number: 30000285  
Project Title: Water Irrigation Efficiencies

Description
Starting Fiscal Year: 2012  
Project Class: Grant - Pass Through  
Agency Priority: 88

Project Summary
Ecology requests reappropriation from the State Building Construction Account to continue projects funded from the Water Irrigation Efficiencies program. These projects provide multiple state benefits, the most significant of which is to meet our goals of providing water for people, farms and fish. Projects funded through the Water Irrigation Efficiencies program provide improved on-farm water application so water use is more efficient while still allowing the producer to grow crops. Program funding is also used to improve water conveyance to reduce loss of water through leakage and evaporation. Water saved in this program is placed into the state Trust Water Right Program for instream purposes. These funds are passed through to the State Conservation Commission and local conservation districts to continue helping the agricultural community implement water conservation measures and irrigation efficiencies projects. Ecology provides overall coordination of the statewide Water Irrigation Efficiencies program, in collaboration with the goals of the Columbia River Program. This request includes irrigation efficiency projects outside the Columbia River Program area, including those developed and implemented by the state’s conservation districts. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Local Conservation Districts  
RCW that establishes grant: Legislative Appropriation  
Application process used: Local conservation districts assist agriculture clients to determine eligibility criteria. Cost share proposals are approved by the Washington State Conservation Commission and Ecology staff with review by the Washington Department of Fish and Wildlife.

Growth Management impacts
None

Funding

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Operating Impacts
Project Number: 30000285
Project Title: Water Irrigation Efficiencies

**Operating Impacts**

No Operating Impact
Expected Use of Bond/COP Proceeds

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<tr>
<td>Contact Name:</td>
<td>Jim Skalski</td>
<td>Phone:</td>
<td>360-407-6617</td>
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<td>Fax:</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No
4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes □ No
5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes □ No
6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets? □ Yes □ No
7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments? □ Yes □ No
8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes □ No
9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency? □ Yes □ No

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- If the answer to question 9 is yes, please provide a detailed explanation of the terms of any and all of such sponsored research agreements.

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

Starting Fiscal Year: 2004
Project Class: Grant - Pass Through
Agency Priority: 89

Project Summary
Ecology requests reappropriation from the State and Local Improvements Revolving Account to continue projects under contract for the Water Supply Facilities Program. This request will enable Ecology to continue work on several agriculture water supply and conservation projects. (State & Local Improvements Revolving Account - Water Supply Facilities (Ref. 38))

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Public Agriculture Water Supply, Cities, and other public entities
RCW that establishes grant: chapter 43.83 RCW
Application process used
The selection of agricultural water supply projects used a process established by chapter 173.170 WAC. The selection of water storage projects used a competitive grant process established by Ecology to meet the objectives of the Legislature’s authorization and the recommendations of the Water Storage Task Force, as well as the Governor's Water Strategy.

Growth Management impacts
None

Funding

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Future Fiscal Periods

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Operating Impacts
No Operating Impact
Expected Use of Bond/COP Proceeds

Agency No. 461  
Agency Name Ecology
Contact Name: Jim Skalski  
Phone: 360-407-6617  
Fax:  
Fund(s) Number: 072  
Fund Name: State and Local Improvement Revolving Account  
Project Number: 20044006  
Project Title: Water Supply Facilities

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   ☑ Yes  ☐ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   ☐ Yes  ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   ☑ Yes  ☐ No

4. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
   ☐ Yes  ☑ No

5. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes?  
   ☐ Yes  ☑ No

6. If you have answered "Yes" to any of the questions above, will your agency or any other state agency receive any payments from any entity, other than the state or one of its agencies or departments or any local government units, for the use of, or in connection with, the project or assets?  
   ☑ Yes  ☐ No

7. Will any portion of the project or asset, or rights to any portion of the project or asset, ever be sold to any entity other than the state or one of its agencies or departments?  
   ☐ Yes  ☑ No

8. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
   ☑ Yes  ☐ No

9. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental person, such a business corporation or the federal government, including any federal department or agency?  
   ☐ Yes  ☑ No

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

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

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

Starting Fiscal Year: 2010
Project Class: Grant - Pass Through
Agency Priority: 90

Project Summary
Lake Roosevelt and the upper Columbia River behind Grand Coulee Dam is a national recreation area with over 1.5 million visitors annually. The 150 mile stretch of the upper Columbia River in eastern Washington, between Grand Coulee Dam and the International Border has been contaminated by metal and other pollutants from the Teck-Cominco smelter complex in Trail British Columbia (ten miles North of the border), one of the largest smelter operations in the world. To protect public interests, the state is in litigation against the company in U.S. federal court. The Legislature provided funding in the 2009-11 biennium to address the contamination in the upper Columbia River. This request for reappropriation will continue the ongoing site investigation studies and Natural Resource Damage Assessment in the upper Columbia River during the 2015-17 biennium. (State Building Construction Account)

Project Description
Please refer to the 2013-15 Biennium submission for a detailed project description. Estimates for capital reappropriation amounts are based on current biennium appropriations minus expenditures through June Fiscal Month 12 Phase 1.

Project Type
Grants

Grant Recipient Organization: Department of Ecology
RCW that establishes grant: None
Application process used
This will be a capital project directly operated and controlled by the Department of Ecology.

Growth Management impacts
None

Funding

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Total 500,000 404,000 81,000 15,000 0

Future Fiscal Periods

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Operating Impacts
No Operating Impact
**Expected Use of Bond/COP Proceeds**

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<td>Contact Name</td>
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<tr>
<td>Project Title</td>
<td>Upper Columbia River Black Sand Beach Cleanup</td>
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</tbody>
</table>

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