



DEPARTMENT OF  
**ECOLOGY**  
State of Washington

## **Fiscal Year 2010-2011**

### **Municipal Stormwater Grants of Regional or Statewide Significance**

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*Draft Offer and Applicant List*

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## Publication and Contact Information

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# **Fiscal Year 2010-2011 Municipal Stormwater Grants of Regional or Statewide Significance**

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## **Draft Offer and Applicant List**

*by*  
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Water Quality Program  
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# Draft Offer and Applicant List Development Process

This document presents the state fiscal year 2010 and 2011 (FY2010-2011) Draft Offer List for Municipal Stormwater Grants of Regional or Statewide Significance. Ecology generated the list to propose the distribution of funding the approximate \$3.0 million dollars available from carry-forward funding provided by the Washington State Legislature to local governments or ports to support stormwater permit implementation. The following table provides an overview of the FY 2010-2011 funding process and schedule:

Date	Activity
August 25, 2009	Ecology issued Request for Proposals
August 25 – October 14, 2009	Submit grant proposals to Ecology
October 15 to November 2, 2009	Ecology rates and ranks proposals
November 4, 2009	Ecology issues Draft Offer List
November 4 to November 18, 2009	Public comment period on Draft Offer List
December 1, 2009	Ecology issues Final Offer List and Response to Comments
December 2, 2009 to March 1, 2010	Negotiate and sign funding agreements
June 4, 2010	Funding agreements must be signed
June 30, 2011	Projects must be completed

This FY 2010-2011 draft offer and applicant list provides a prioritized listing of project proposals received during the application period. Funding for these projects must be expended no later than June 30, 2011.

Final funding offers will be presented in the *FY 2010-2011 Municipal Stormwater Grants of Regional or Statewide Significance Final Offer and Applicant List* to be issued on December 1, 2009. The final list will also provide a responsiveness summary to any public comments received on the draft offer list. When Ecology issues the final offer and applicant list, negotiations will begin for grant funding agreements. As Ecology works with prospective grantees to negotiate the funding agreements, elements of projects that do not provide regional and statewide benefits may have funding re-directed or removed.

# Funding Priorities

The funding is intended to provide support for NPDES (National Pollutant Discharge Elimination System) Phase I and Phase II local governments or ports for projects that benefit stormwater management programs across a region or statewide, and support implementation of NPDES municipal stormwater permit programs. Project benefits may include, but are not limited to:

- Assists a number of permittees in a region or statewide to implement permit requirements.
- Develops a product that is transferrable regionally or statewide.
- Purchases equipment and/or personal services contracts that support activities for multiple permittees.
- Advances regional and statewide access to stormwater management technology or resources.

**Note:** Capital construction projects are not eligible for funding.

In an effort to maximize the effective and efficient use of available funds, Ecology staff developed a priority list of projects by evaluating the project proposals based on rating criteria presented in the request for proposals (August 28, 2009).

The principal rating and ranking criteria are outlined below:

Proposal Component	Maximum Points
Cover Sheet	0
Project Abstract	0
Work Plan	
Project purpose, including: <ul style="list-style-type: none"> <li>- Directly benefits multiple stormwater management programs</li> <li>- Supports implementation of NPDES municipal stormwater permit programs</li> <li>- Demonstrates regional or statewide significance or value (e.g., is transferable, involves large number of permittees)</li> </ul>	300
Clear and concise Project Description <ul style="list-style-type: none"> <li>- Clear project objectives</li> <li>- Detailed description of project tasks, outcomes, schedule</li> <li>- Demonstrates readiness to proceed (e.g., project elements in place)</li> <li>- Includes specific deliverables linked to project purpose, tasks, project objectives</li> </ul>	350
Strong partnerships <ul style="list-style-type: none"> <li>- Demonstrates strong regional or statewide component/collaboration</li> <li>- Identifies clear, appropriate roles and responsibilities for various partners</li> </ul>	100

<b>Proposal Component</b>	<b>Maximum Points</b>
Project management - Clear team structure and project management - Highly qualified staff, appropriate levels-of-effort and assignments	100
<b>Project Budget</b>	<b>150</b>
Complete, understandable project budget, consistent with project work plan	
Budget is reasonable	
Budget represents a good value for the work product(s)	
<b>TOTAL POINTS AVAILABLE</b>	<b>1000</b>

## **FY 2010-2011 Draft Offer and Applicant List Summary**

Ecology received 28 proposals totaling more than \$6,700,000 in requests for municipal stormwater grants of regional and statewide significance. Based on the funding available, Ecology is proposing to fund 15 projects totaling \$2,980,831. The table that follows this section provides a listing of the FY 2010-2011 projects proposed in priority order and the proposed funding distribution.

The projects proposed for funding include:

- Projects to provide statewide benefits in technical research, coordination, and review of emerging technologies to advance stormwater management.
- Projects to provide training for stormwater staff as well as for private homeowner associations in operations and maintenance of stormwater facilities.
- A project to develop a tool to validate monitoring data for Phase I permittees including the Washington Department of Transportation, and for future widespread use.
- Education projects targeting audiences statewide and regionally, as well as projects targeting businesses needing specific guidance and technical assistance.
- Purchases of stormwater equipment to share among neighboring jurisdictions.
- A project to develop a sizing tool for Western Washington for Low Impact Development best management practices, and expand the available precipitation time series.

# Public Comment Period

Ecology will accept comments on the draft offer list documents until 5:00 p.m. on November 18, 2009. Please mail, E-mail, or fax comments to:

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If you have questions about the funding program or process contact Harriet Beale at 360-407-6457.

## FY-2010-2011 Ecology Stormwater Grants of Regional or Statewide Significance Draft Offer and Applicant List

Rank	Number	Title	Lead Permittee	Region	Partners	Area of direct benefit	Grant Funds Requested	Proposed Funding	Notes
1	MS-08	Stormwater Business Education Templates	Kitsap County	NWRO	Asotin County, King County, Everett, Vancouver	Statewide	\$94,895	\$94,895	1
2	MS-02	SnoCo SW EdOutreach Mobile Businesses	Snohomish County	NWRO	Seattle, Kitsap County, Wenatchee, Moses Lake	Statewide	\$159,975	\$159,975	1
3	MS-23	STORM Integrated Public Ed Campaign	Snohomish County	NWRO	King, Kitsap, Skagit, Thurston and Whatcom Counties and 51 Puget Sound cities	Puget Sound	\$500,000	\$500,000	1
4	MS-07	Western WA BMP Sizing Tool for Small Cities	Kitsap County	NWRO	WSU Puyallup, Seattle, Thurston and Pierce counties, cities of Seattle, Bellevue, Everett, Issaquah, Sammamish, Home Builders Assoc Kitsap County	Western Washington	\$255,000	\$255,000	1
5	MS-25	Automated Data Validation Software for NPDES Permit Holders	City of Seattle	NWRO	Snohomish County	Snohomish, King, Pierce, Clark counties, Seattle, Tacoma	\$97,693	\$97,693	1
6	MS-12	Process, Protocol and Product Evaluation Program for New Stormwater Emerging Technologies	City of Puyallup	SWRO	Seattle, Tacoma, Port of Tacoma, Auburn, Kitsap County, UW Tacoma Center for Urban Waters, Association of WA Businesses	Statewide	\$499,339	\$499,339	1
7	MS-03	EWA Construction Field Guide	Asotin, Asotin Co, Clarkston	ERO	Asotin, Asotin County, Clarkston	Eastern Washington	\$125,000	\$125,000	1
8	MS-05	Wenatchee Valley IDDE Program Plan Implementation	City of Wenatchee	CRO	City of East Wenatchee, Douglas and Chelan Counties	Wentachee, E. Wenatchee, Douglas and Chelan counties	\$77,000	\$77,000	1

Rank	Number	Title	Lead Permittee	Region	Partners	Area of direct benefit	Grant Funds Requested	Proposed Funding	Notes
9	MS-11	Stormwater Technical Resource and Emerging Technologies Center	City of Puyallup	SWRO	Seattle, Tacoma, Port of Tacoma, Auburn, Kitsap County, UW Tacoma Center for Urban Waters, Association of WA Businesses	Statewide	\$499,339	\$499,339	1
10	MS-26	PS Science Connections Curriculum Extensions	City of Seattle	NWRO	Everett Public Schools, Seattle Public Schools, City of Tacoma	Tacoma, Seattle, Everett	\$95,740	\$95,740	1
11	MS-10	Eastern WA Stormwater Outreach Grant	Asotin County	ERO	Asotin and Clarkston	Eastern Washington	\$62,800	\$62,800	1
12	MS-27	Citizen Involvement in the Protection and Maintenance of Stormwater Facilities	Clark County	VFO	Vancouver, Battleground, Camas, Washougal, LaCenter, Ridgefield	Clark County	\$237,967	\$237,967	1
13	MS-19	Shared Sweeping for Whatcom County NPDES Permittees	City of Bellingham	BFO	Cities of Bellingham and Ferndale, Port of Bellingham	Whatcom County, Bellingham, Ferndale, Port of Bellingham	\$232,850	\$232,850	1
14	MS-01	Asotin Group Cooperative Equipment Purchase Agreement	Asotin County	ERO	Cities of Asotin and Clarkston	Cities of Asotin and Clarkston, Asotin County	\$485,000	\$180,000	1, 2
15	MS-04	Stormwater O&M Plan Proposal - Wenatchee	City of Wenatchee	CRO	City of East Wenatchee, Douglas and Chelan counties	Wenatchee, E. Wenatchee, Douglas and Chelan counties	\$101,200	\$101,200	1
16	MS-20	Stormwater University: Targeted Ed, Outreach and Training Series for NPDES Holders, Key Business Sectors and the General Public in Western WA	City of Bellingham	BFO	Ferndale, Whatcom County, Port of Bellingham, RESources for Sustainable Communities	Cities of Bellingham, Ferndale, Whatcom County, Port of Bellingham	\$128,470	\$0	
17	MS-06	Phase II Small Cities Public Education and Outreach	City of Duvall	NWRO	22 cities in Snohomish and King counties	22 Phase 2 cities	\$337.26	\$0	

Rank	Number	Title	Lead Permittee	Region	Partners	Area of direct benefit	Grant Funds Requested	Proposed Funding	Notes
18	MS-09	IDDE Innovative Technological Product Development Proposal	City of Tacoma	SWRO	A number of support letters - not letters of partnership	City of Tacoma	\$100,000	\$0	
19	MS-21	Port of Tacoma/City of Fife Permittee Trainings and Comprehensive Stormwater System Survey	City of Fife	SWRO	Port of Tacoma	Fife and Port of Tacoma	\$288,715	\$0	
20	MS-18	Watershed Approach to Water Quality Management	Pierce County	SWRO	Tacoma, Thurston and King Cos, Port of Tacoma, cities of Fife, Sumner, University Place, Fircrest, UW Tacoma, Puyallup Watershed Council, Key Peninsula-Gig Harbor-Islands Watershed Council, Cambers-Clover Watershed Council	Pierce County watersheds	\$499,143	\$0	
21	MS-22	Exterior Bus Board Ads, PSSH Campaign	City of Everett	NWRO	Cities of Mukilteo, Edmonds, Arlington, Marysville, Monroe, Snohomish, Lake Stevens, Sno-Camano ECO Net	Snohomish County	\$50,000	\$0	
22	MS-14	BMP Ed and Outreach to Business and Residents	King County	NWRO	Pierce, Snohomish, and Thurston counties, City of Tacoma	Western Washington	\$220,700	\$0	
23	MS-13	Regional Operations and Maintenance Program	King County	NWRO	Black Diamond, Bothell, Centralia, Des Moines, Everett, Federal Way, Kenmore, Kent, Kirkland, Mercer Island, Newcastle, Redmond, SeaTac, Seattle, Pierce Co, Snohomish Co, Thurston Co, Port of Seattle, WSDOT	Operations and maintenance, IDDE for roads	\$497,938	\$0	
24	MS-17	Environmental Ed to Reduce Stormwater Contamination	City of Federal Way	NWRO	Federal Way School District, Friends of the Hylebos	Federal Way & cities of Auburn, Kent, Edgewood, Pacific, Algona, Fife, Des Moines	\$117,010	\$0	

Rank	Number	Title	Lead Permittee	Region	Partners	Area of direct benefit	Grant Funds Requested	Proposed Funding	Notes
25	MS-16	Skagit Region LID BMP Sizing Calculator	Skagit County	BFO	Cities of Burlington, Mount Vernon, Sedro-Woolley, Skagit Conservation District	Western Washington	\$322,950	\$0	
26	MS-28	Pullman Pervious Concrete Application	City of Pullman	ERO	Washington State University Pullman campus	Pullman and WSU	\$474,723	\$0	3
27	MS-24	NPDES Permittee Training, Effective Enforcement Documentation	City of Seattle	NWRO	None	Puget Sound region	\$21,077	\$0	
28	MS-15	Eastern WA LID Manual	City of Kennewick	CRO	Support letters but not partners	Eastern Washington (area served by ECY ERO)	\$399,599	\$0	

**FOOTNOTES:**

1. As Ecology works with prospective grantees to negotiate the funding agreements, elements of projects that do not provide regional and statewide benefits may have funding re-directed or removed.
2. The funding offer is less than the amount requested. Ecology offers grant funds to purchase the sweeper, but does not offer funding to purchase the vector truck.
3. The construction components of this proposal are ineligible for funding because they are capital construction, as specified on page 2 of the August 28, 2009 Request for Proposals.

# FY2010-2011 Municipal Stormwater Grants of Regional or Statewide Significance Draft Offer List

Rank	Application Number	Applicant Name	Project Title
1	MS-08	Kitsap County	Stormwater Business Education Templates
<p>This project develops and tests the effectiveness of public education activities targeted at commercial businesses to raise stormwater awareness, publicizes a spill hotline, and provides simple behavior changes to improve water quality. The partners include Asotin County, Everett, Vancouver, and King County, so that material will apply to businesses statewide.</p>			
2	MS-02	Snohomish County	Stormwater Pollution Prevention Education Outreach for Mobile Businesses
<p>This project targets education and outreach to mobile businesses such as carpet cleaning, duct cleaning, and pressure washing, to improve BMPs for disposal of wash water in order to prevent impacts to surface waters. Partners from eastern and western Washington will develop and test education techniques statewide for specific technical, language, and cultural aspects of businesses through a social marketing approach.</p>			
3	MS-23	Snohomish County	STORM Integrated Public Education Campaign
<p>This project builds on a previous Ecology grant for STORM (a coalition of more than 60 stormwater permittees in Puget Sound) to extend the <i>Puget Sound Starts Here</i> media campaign, evaluate the campaign region-wide, develop a plan to expand the campaign to social media, and augment the delivery of campaign messages at the local level.</p>			
4	MS-07	Kitsap County	Western Washington BMP Sizing Tool for Small Cities
<p>This project develops a regional simplified sizing tool for Low Impact Development (LID) stormwater best management practices in western Washington. The sizing tool will apply to multiple BMPs for small sites, and will be consistent with the flow requirements in the stormwater permits.</p>			
5	MS-25	City of Seattle	Automated Data Validation Software for NPDES Permit Holders
<p>This project develops an efficient and cost-effective way for permittees to validate stormwater sampling data required for Phase I permittees in stormwater monitoring requirements. This software will improve data validation integrity, quality, and uniformity to increase confidence for policy-making decisions.</p>			

Rank	Application Number	Applicant Name	Project Title
6	MS-12	City of Puyallup	Process, Protocol and Product Evaluation Program for New Stormwater Emerging Technologies
<p>This proposal is to create, develop and maintain a <i>Process, Protocol and Product Evaluation Program for New Stormwater Emerging Technologies</i>. The program will establish a procedure to provide timely and complete review of current technology applicants submitted to Ecology under the previous review protocol (TAPE). Simultaneously, the program will assemble review and advisory boards who will work with program staff and Ecology to develop a sustainable business plan, administrative framework, and guidance manual for evaluating new emerging stormwater treatment technologies.</p>			
7	MS-03	Asotin, Asotin County, Clarkston	Eastern Washington Construction Field Guide
<p>This project will develop an eastern Washington erosion prevention and sediment control field guide that will help construction site operators comply with local and state stormwater requirements. It will provide a tool that will help in the implementation of the Construction Site Stormwater Runoff Control requirements of the Eastern Washington Phase II Municipal Stormwater Permits, as well as the Construction Stormwater General Permits.</p>			
8	MS-05	City of Wenatchee	Wenatchee Valley IDDE Program Plan Implementation
<p>Wenatchee (lead), Chelan Co., Douglas Co., and East Wenatchee would develop illicit discharge materials for residents, businesses, and schools. Purchased equipment for spill response, field testing, and charity car wash kits would be shared.</p>			
9	MS-11	City of Puyallup	Stormwater Technical Resource and Emerging Technologies Center
<p>This proposal creates a stormwater technical resource center for stormwater management solutions and education. The Center provides a bridge between regulation and implementation, helping to support real-world solutions, merging the science-based research and expertise of academic institutions with municipal and business professionals through the ability to house long-term and ongoing stormwater research designed to support relevant and current stormwater management strategies and practices.</p>			
10	MS-26	City of Seattle	Puget Sound Science Connections Curriculum Extensions
<p>The project creates a learning extension module for Everett, Seattle, and Tacoma public schools about stormwater impacts to improve individual behaviors to protect water quality. The modules will include a classroom video, a home extension for the adult community, a field exploration module, and a service learning module.</p>			

<b>Rank</b>	<b>Application Number</b>	<b>Applicant Name</b>	<b>Project Title</b>
11	MS-10	Asotin County	Eastern Washington Stormwater Outreach Grant
This project develops materials that can be used to in meeting the education and outreach requirements of the Eastern Washington Phase II Municipal Stormwater Permits. This will help provide a consistent message throughout the region regarding water quality and stormwater.			
12	MS-27	Clark County	Citizen Involvement in the Protection and Maintenance of Stormwater Facilities
This grant project involves a combined stormwater education project of seven jurisdictions within Clark County. The goal is to provide knowledge about current stormwater BMPs to a variety of groups through a series of community workshops, videos, newsletters, and brochures.			
13	MS-19	City of Bellingham	Shared Sweeping for Whatcom County NPDES Permittees
This project funds the purchase a regenerative air vacuum street sweeper by the City of Bellingham to be shared by 4 Phase II permittees—city of Bellingham, city of Ferndale, Whatcom County, and Port of Bellingham - over the next 10 years. Enhanced street sweeping will help all four Permittees meet water quality standards, as well as local TMDL goals in several watersheds. The city of Bellingham will maintain the equipment and work out a use schedule by the partners.			
14	MS-01	Asotin County	Asotin Group Cooperative Equipment Purchase Agreement
This proposed funding will be used to purchase a high efficiency sweeper that can access difficult areas and will be utilized by Asotin County and the cities of Asotin and Clarkston to meet the Pollution Prevention and Good Housekeeping for Municipal Operations requirements of the Municipal Stormwater Permits. Ecology is not offering funding for the requested Vector Truck.			
15	MS-04	City of Wenatchee	Stormwater O&M Plan Proposal-Wenatchee
The Phase II SW permit requires cities and counties to develop an O&M plan for their facilities. This project develops an O&M template that would then be customized for Chelan Co., Douglas Co., Wenatchee, and East Wenatchee and provide staff training. The template will be made available to other entities.			

<b>Rank</b>	<b>Application Number</b>	<b>Applicant Name</b>	<b>Project Title</b>
16	MS-20	City of Bellingham	Stormwater University: Targeted Education, Outreach and Training Series for NPDES Holders, Key Business Sectors and the General Public in Western Washington
<p>For this project, City of Bellingham, Ferndale, Whatcom Co., and the Port of Bellingham will address stormwater permit compliance issues through common staff training, IDDE, sector based education for area businesses, filmed public service announcements, and detention pond maintenance training for homeowners associations and commercial property managers. Three staff training videos and four 1-minute video commercials will also be produced.</p>			
17	MS-06	City of Duvall	Phase II Small Cities Public Education and Outreach
<p>This project conducts two annual surveys of stormwater public awareness in 22 central Puget Sound cities, and develops lists of recommended educational material for each to print and distribute.</p>			
18	MS-09	City of Tacoma	IDDE Innovative Technological Product Development Proposal
<p>This proposal is to plan, design, and fabricate two innovative products that can be used to effectively and rapidly trace the pathway of pollutants from their source. The proposed products are a newly designed sediment trap and a closed circuit television modification to detect optical brighteners and provide ultraviolet/infrared video evidence of discharges.</p>			
19	MS-21	City of Fife	Port of Tacoma/City of Fife Permittee Trainings and Comprehensive Stormwater System Survey
<p>This project provides staff training to Fife and the Port of Tacoma in illicit discharge detection and elimination and source control techniques, including both field and web-based instruction. A second component develops stormwater system mapping standards and GIS model for the two entities.</p>			
20	MS-18	Pierce County	Watershed Approach to Water Quality Management
<p>This project will establish a coordinated, multi-agency effort to implement both Phase I and Phase II permit requirements within Pierce County and surrounding jurisdictions. Permit elements addressed include inspections, IDDE program development, training, education and outreach, water quality and flow monitoring, TMDL implementation, data sharing, and facility maintenance programs.</p>			

Rank	Application Number	Applicant Name	Project Title
21	MS-22	City of Everett	Exterior Bus Board Ads, PSSH Campaign
This project provides rear-panel external bus ads using the <i>Puget Sound Starts Here</i> stormwater educational campaign materials on a number of transit routes in Snohomish County.			
22	MS-14	King County	BMP Education and Outreach to Business and Residents
This project revises the Natural Yard Care program to target audiences in rural communities and small cities, creates Yard Talk shows and BMP training videos for commercial businesses such as yard and landscape care, food services, and vehicular-related care.			
23	MS-13	King County	Regional Operations and Maintenance Program
This project proposes to revitalize a multi-jurisdictional forum based in King County and focused on operations, maintenance, and inspection requirements. The project would facilitate a total of 12 meetings and contract with outside entities to develop standardized BMPs and protocols.			
24	MS-17	City of Federal Way	Environmental Education to Reduce Stormwater Contamination
The city partners with the Friends of the Hylebos to provide lesson plans and field learning, including habitat restoration, for K-8 students. A community education element includes rain garden workshops for adults.			
25	MS-16	Skagit County	Skagit Regional LID BMP Sizing Calculator
The project develops a software package that provides a sizing calculator for LID practices to assist in designing stormwater site plans for new and redevelopment.			
26	MS-28	City of Pullman	Pullman Pervious Concrete Application
This project proposes the implementation of three pervious concrete demonstration/research projects on WSU's Pullman Campus to determine their performance in cold climates. Capital projects are not eligible for this grant program and funding; therefore, this project is not eligible for full funding.			
27	MS-24	City of Seattle	NPDES Permittee Training, Effective Enforcement Documentation
This project brings training in enforcement procedures and documentation to municipal stormwater enforcement staff. The training would be open to staff from other municipalities.			
28	MS-15	City of Kennewick	Eastern Washington LID Manual
This project would form an advisory committee and hire a consultant to develop an LID manual. The city would hire a consultant to develop the manual and propose demonstration projects for each of the four climatic regions in eastern Washington.			