



DEPARTMENT OF
ECOLOGY
State of Washington

FY 2011 Stormwater Retrofit and LID Competitive Grant Program

Draft Offer and Applicant List

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FY 2011 Stormwater Retrofit and LID Competitive Grant Program

Draft Offer and Applicant List

Water Quality Program
Washington State Department of Ecology
Olympia, Washington

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FY2011 Stormwater Retrofit and LID Competitive Grant Program

Summary

The 2010 Washington State Legislature appropriated over \$54,000,000 to the Department of Ecology (Ecology) for local governments to address stormwater management and control. The funding is available to local governments covered by the National Pollutant Discharge Elimination System (NPDES) Phase I and II Municipal Stormwater permits. A portion of the appropriation is available for eligible applicants to build staffing capacity, improve stormwater research, data management, and monitoring. The remaining portion of the appropriation provides funds for local governments to plan, design, and implement stormwater retrofit or low-impact development (LID) projects.

With these funds, Ecology offered two financial assistance programs to NPDES Phase I and II city, town, and county municipal stormwater permittees. The first program, *Municipal Stormwater Capacity Grants*, provides non-competitive capacity building grants for local governments to implement the following NPDES stormwater permits:

- Phase I Municipal Stormwater General Permit
- Eastern Washington Phase II Municipal Stormwater General Permit
- Western Washington Phase II Municipal Stormwater General Permit

The second program provides funding to eligible applicants, through a competitive grant process, for stormwater retrofit and LID projects. Cities, towns, counties, and ports covered by one of the above permits were eligible to apply for the *FY2011 Stormwater Retrofit and LID Competitive Grant Program (FY 2011 SWRLID Competitive Program)*.

This Draft Offer and Applicant List provides information on the *FY 2011 SWRLID Competitive Program*. The proposed ranked funding list and project summaries follow the text in this report.

Available funding and funding request amounts

Of the \$54,609,000 appropriated, \$4,609,000 was obligated through the SFY 2011 Water Quality Financial Assistance Program. From the remaining funds, \$23,510,000 is obligated in grant agreements to NPDES Phase I and II communities through the *Municipal Stormwater Capacity Grant Program*. Ecology will distribute a total of \$23,447,000 through the *FY 2011 SWRLID Competitive Program*. Ecology's total administrative costs for both programs is \$1,700,000.

The maximum grant amount for individual projects is \$1,000,000 of total eligible costs. Multiple departments from one permittee were eligible to apply for funding. An eligible permittee may not receive more than \$5,000,000 for all projects that are offered funding.

Applications and funding distribution

In summary, Ecology received 100 applications with the following breakdown of project costs:

- \$176,624,598 - Total Project Costs
- \$116,871,345 - Total Eligible Costs
- \$58,992,448 - Total Funding Requests

Following is the number of applications received, by Ecology Regional Offices:

- 7 Central Region
- 7 Eastern Region
- 58 Northwest Region
- 28 Southwest Region

Ecology is proposing to fund 43 projects. Following is the breakdown of proposed projects by Ecology Regional Office:

- 1 Central Region
- 2 Eastern Region
- 28 Northwest Region
- 12 Southwest Region

Purpose

The purpose of the FY 2011 SWRLID Competitive Program Draft Offer and Applicant List is to provide applicants and the general public the opportunity to comment on the proposed project ranking and funding identified in the list. The FY 2011 SWRLID Competitive Program Draft Offer and Applicant List includes footnotes on items such as ineligible projects, identification of partial eligibility, or questions and concerns about project components raised by Ecology's evaluators.

Ecology requests that applicants who want to provide project-specific comments on the proposed ranked list and associated footnotes do so during the public comment period.

Ecology will review and consider the written comments prior to the issuance of the FY 2011 SWRLID Competitive Program Final Offer and Applicant List.

Please provide your comments, in writing no later than 5:00 p.m., Friday, December 3, 2010, to:

Patricia Brommer
Stormwater Grant Program Coordinator
Department of Ecology
Water Quality Program
PO Box 47600
Olympia, WA 98504-7600

What happens after the comment period?

Ecology will consider public comments as we complete the FY 2011 SWRLID Competitive Program Final Offer and Applicant List. Ecology will include responses to comments in the Final Offer and Applicant List. Approximately mid-January, Ecology will post the FY 2011 SWRLID Competitive Program Final Offer and Applicant List to Ecology's Water Quality Program website. At the same time, Ecology will send letters to applicants informing them of their funding status.

Program development

Immediately following the issuance of the 2010 Supplemental Capital Budget, Ecology communicated with interested external stakeholders regarding the stormwater appropriation.

In May 2010, Ecology convened a stakeholder workgroup to discuss grant funding options for the FY 2011 Stormwater Grant Programs. The stakeholder workgroup participants were from the Association of Washington Cities, Washington State Association of Counties, People for Puget Sound, Washington Environmental Council, local city and county governments, and Ecology management. Ecology also met with the Water Quality Program Financial Assistance Council (FAC) to discuss stormwater funding options.

Ecology received and considered valuable input from the workgroup and the FAC. From these discussions and direction from the legislative proviso language, Ecology developed two stormwater grant programs. The first program, *Municipal Stormwater Capacity Grant Program*, provided pass-through money to NPDES Municipal Phase I and II permittees for the implementation of the permit requirements. This program has been implemented and is underway.

The second program and focus of this document, is the *FY 2011 SWRLID Competitive Grant Program*. The competitive program provides funding to cities, towns, counties and ports covered by the NPDES Phase I and II Municipal Stormwater permits, for:

- Retrofit of existing stormwater projects in areas where stormwater is a significant source of contamination.
- Implementation of low-impact development stormwater projects.

Eligible applicants

The competitive grant process was open to cities, towns, counties, and ports covered by the Phase I, Western Washington Phase II, or the Eastern Washington Phase II Municipal Stormwater Permits.

Eligible port districts could apply for funding for port-operated facilities. Projects that are located at lessee-operated facilities on port property are not eligible for funding.

Eligible applicants had the option to partner on projects with non-eligible communities or entities. Ecology will consider the eligible applicant the lead agency on the agreement; the lead agency must collaborate and coordinate with the partners.

Available funding and ceiling amounts

Ecology will distribute a total of \$23,447,000 for eligible projects through this program.

The maximum grant amount for individual projects is \$1,000,000 of total eligible costs. Multiple departments from one permittee may apply for funding. An eligible permittee may not receive more than \$5,000,000 for all projects that are awarded funding.

Match requirement

Recipients are required to provide a 25 percent cash only match. In-kind contributions are not eligible for reimbursement.

Program implementation

Application process

Applications were accepted July 1, 2010, through August 31, 2010. The application had two parts:

Part 1 required applicants to provide general applicant information, project location, and the amount of funds requested.

Part 2 required applicants to provide detailed information about the project and the water quality results envisioned. Ecology staff used Part 2 for the evaluation process.

Evaluation criteria

- Scope of work – Overall quality of project proposed (30 percent)
- Project budget (15 percent)
- Water quality protection, restoration, improved hydrology, and other positive impacts. (30 percent)
- Project team (5 percent)
- Project development, prioritization, and partnering (10 percent)
- Readiness to proceed (10 percent)

Ecology stormwater engineers completed an initial screening of each project. After the preliminary screening, two Ecology stormwater professionals reviewed each application and provided scores and comments based on the evaluation criteria. The average of the two reviewer's scores was used to rank the list of projects. If the reviewers' scores differed by more than 100 points, a third review was completed, and the two scores that were within 100 points were averaged and used to rank the project. If ties occurred between two projects, the project with a higher score for Question # 3 – *Severity of the Problem, Stormwater Quality, and Hydrologic Improvements*, was ranked first. If the two scores for Question #3 were the same, scores in Question #6 – *Readiness to Proceed* were compared and used as a second tie-breaker.

Key dates to remember

November 19, 2010: Draft Offer list posted

November 19 – December 3, 2010: Public Comment Period

January 15, 2011: Ecology responds to comments and posts the Final Offer and Applicant List

January 15, 2011 – July 15, 2011: Agreement contract negotiations

Environmental review requirements

SEPA and State Environmental Review Process

All recipients must comply with State Environmental Policy Act (SEPA). The recipient must complete SEPA requirements prior to receiving state funds. Additionally, recipients must comply with all other applicable state and federal environmental statutes, regulations, and executive orders, if federal funding is used as match.

If federal funding is used as match (e.g., State Revolving Fund) the recipient must complete the State Environmental Review Process (SERP). To complete SERP, the applicant must receive Ecology's concurrence on all SEPA documents and be in compliance with all federal cross cutting authorities. In addition, if other funding agencies are involved, the applicant needs to coordinate with those other funding agencies to avoid duplication of SERP or the National Environmental Policy Act review process. For further information on SERP the applicant should contact the engineering staff of the applicable Ecology regional office

Historic and cultural resources review

The Water Quality Program is currently working on guidance and procedures to address preserving state historic and cultural resources. Many projects have the potential to significantly impact culturally or historically important locations or artifacts. Ecology is working with the Department of Archeology and Historic Preservation (DAHP) to meet all state or federal requirements regarding cultural and historic preservation. All projects that disturb soils from their natural state must comply with the corresponding state or federal law. Staff from Ecology's Water Quality Program will help grant recipients follow the appropriate steps to work with DAHP and corresponding tribes to determine if a site has the potential of disturbing or significantly impacting cultural or historic resources.

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**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID)
Competitive Grants Program - Draft Offer and Applicant List**

Rank	Score	County	Grant Funds Requested	SWRLID Grant Funding Offered	Footnotes
Applicant Name:		Seattle Public Utilities		Application Number:	SW11047
Project Title:		South Park Stormwater Facility			
1	940	King	\$1,000,000	\$1,000,000	
Applicant Name:		Arlington, City of		Application Number:	SW11060
Project Title:		Stormwater Wetland Project			
2	908	Snohomish	\$195,000	\$195,000	
Applicant Name:		Burlington, City of		Application Number:	SW11034
Project Title:		Burlington LID Demonstration Project			
3	875	Skagit	\$104,563	\$104,563	
Applicant Name:		Woodinville, City of		Application Number:	SW11019
Project Title:		Sammamish River Stormwater Outfall Retrofit			
4	871	King	\$303,750	\$303,750	
Applicant Name:		King County		Application Number:	SW11091
Project Title:		Vashon Island Park and Ride			
5	870	King	\$342,154	\$342,154	
Applicant Name:		Lakewood, City of		Application Number:	SW11026
Project Title:		2011 Drywell Replacement Project			
6	868	Pierce	\$375,000	\$375,000	
Applicant Name:		Poulsbo, City of		Application Number:	SW11013
Project Title:		Old Town Poulsbo LID Retrofit			
7	868	Kitsap	\$276,337	\$276,337	
Applicant Name:		Olympia, City of		Application Number:	SW11053
Project Title:		Pacific Avenue Stormwater Treatment Facility			
8	863	Thurston	\$299,023	\$299,023	
Applicant Name:		Seattle Public Utilities		Application Number:	SW11050
Project Title:		Venema Natural Drainage System			
9	862	King	\$1,000,000	\$1,000,000	
Applicant Name:		King County Road Services Division		Application Number:	SW11093
Project Title:		Military Rd S. at South 342nd St. Intersection Improvement and LID Demonstration Project			
10	860	King	\$724,500	\$724,500	

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Rank	Score	County	Grant Funds Requested	SWRLID Grant Funding Offered	Footnotes
Applicant Name:		Pierce County Surface Water Management		Application Number:	SW11087
Project Title:		Spanaway Lake Park Stormwater Retrofit			
11	849	Pierce	\$675,000	\$675,000	
Applicant Name:		Kitsap County		Application Number:	SW11058
Project Title:		PRC and HHW LID Project			
12	846	Kitsap	\$185,209	\$185,209	
Applicant Name:		Granite Falls, City of		Application Number:	SW11068
Project Title:		Granite Falls Regional Decant Facility			
13	845	Snohomish	\$454,883	\$454,883	
Applicant Name:		King County		Application Number:	SW11092
Project Title:		Seola Creek Basin Retrofit			
14	840	King	\$750,000	\$750,000	
Applicant Name:		Lake Stevens, City of		Application Number:	SW11100
Project Title:		Lake Stevens LID Demonstration Project			
15	839	Snohomish	\$88,073	\$88,073	
Applicant Name:		Issaquah, City of		Application Number:	SW11042
Project Title:		Cemetery Transfer Site Stormwater Retrofits			
16	833	King	\$210,000	\$210,000	
Applicant Name:		Issaquah, City of		Application Number:	SW11043
Project Title:		Central Park LID Parking Lot			
17	826	King	\$316,500	\$316,500	
Applicant Name:		Federal Way, City of		Application Number:	SW11079
Project Title:		S 356th Street Regional Detention Facility Retrofit			
18	815	King	\$1,000,000	\$1,000,000	
Applicant Name:		Shoreline, City of		Application Number:	SW11039
Project Title:		Thornton Creek Headwaters LID Stormwater Retrofit Project			
19	813	King	\$630,000	\$630,000	
Applicant Name:		Redmond Public Works		Application Number:	SW11062
Project Title:		Redmond & King County Stormwater Pond			
20	809	King	\$937,500	\$937,500	

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID)
Competitive Grants Program - Draft Offer and Applicant List**

Rank	Score	County	Grant Funds Requested	SWRLID Grant Funding Offered	Footnotes
Applicant Name:		Snohomish County Pubic Works		Application Number:	SW11012
Project Title:		North Creek Neighborhood LID Retrofits			
21	799	Snohomish	\$336,000	\$336,000	
Applicant Name:		Seattle Public Utilities		Application Number:	SW11049
Project Title:		Capitol Hill Water Quality Improvement Project			
22	794	King	\$1,000,000	\$1,000,000	
Applicant Name:		Olympia, City of		Application Number:	SW11008
Project Title:		SPSCC Stormwater Retrofit for Water Quality			
23	792	Thurston	\$791,250	\$791,250	
Applicant Name:		Spokane County		Application Number:	SW11059
Project Title:		Country Homes Boulevard Restoration Project			
24	790	Spokane	\$750,000	\$750,000	13
Applicant Name:		Pierce County Public Works		Application Number:	SW11086
Project Title:		Chambers/Clover Creek Basin Pollutant Reduction Project			
25	784	Pierce	\$750,000	\$750,000	3
Applicant Name:		Yakima, City of		Application Number:	SW11005
Project Title:		Yakima UIC/Water Quality Retrofits			
26	784	Yakima	\$210,000	\$210,000	
Applicant Name:		Pierce County Public Works		Application Number:	SW11084
Project Title:		Central Maintenance Facility Vector Waste Processing Facility			
27	781	Pierce	\$750,000	\$750,000	1
Applicant Name:		Tacoma, City of		Application Number:	SW11088
Project Title:		Wapato Lake Drive Pervious Street			
28	777	Pierce	\$1,000,000	\$1,000,000	
Applicant Name:		Tacoma, City of		Application Number:	SW11095
Project Title:		Hood Street Treatment Retrofit – (South 17th to South 21st)			
29	770	Pierce	\$1,000,000	\$1,000,000	1
Applicant Name:		Newcastle, City of		Application Number:	SW11096
Project Title:		Olympus Subdivision Pond Retrofit			
30	770	King	\$112,500	\$112,500	

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Rank	Score	County	Grant Funds Requested	SWRLID Grant Funding Offered	Footnotes
Applicant Name:		Pierce County Public Works		Application Number:	SW11085
Project Title:		Clarks Creek Basin Stormwater Retrofits			
31	765	Pierce	\$705,000	\$705,000	
Applicant Name:		Duvall, City of		Application Number:	SW11031
Project Title:		Carrie Rae Pond Retrofit			
32	765	King	\$140,400	\$140,400	
Applicant Name:		Redmond Public Works		Application Number:	SW11061
Project Title:		Redmond Way Stormwater Treatment Facility			
33	762	King	\$1,000,000	\$1,000,000	14
Applicant Name:		Everett, City of		Application Number:	SW11097
Project Title:		Underground Stormwater Facility Access Retrofit			
34	758	Snohomish	\$862,875	\$862,875	
Applicant Name:		Shoreline, City of		Application Number:	SW11025
Project Title:		Aurora Corridor Improvement Project			
35	757	King	\$624,243	\$624,243	
Applicant Name:		Redmond Public Works		Application Number:	SW11063
Project Title:		Bear Creek Center Stormwater Retrofit			
36	751	King	\$631,500	\$631,500	
Applicant Name:		Mercer Island, City of		Application Number:	SW11052
Project Title:		Mercer Island LID Retrofit Project			
37	750	King	\$225,000	\$225,000	
Applicant Name:		Vancouver, City of		Application Number:	SW11003
Project Title:		Peterson Channel Residential LID Improvements			
38	747	Clark	\$601,275	\$601,275	2
Applicant Name:		Sumner, City of		Application Number:	SW11077
Project Title:		CIP 19 Outfall Treatment Retrofit			
39	745	Pierce	\$1,000,000	\$1,000,000	
Applicant Name:		Pacific, City of		Application Number:	SW11017
Project Title:		White River Treatment BMP Project			
40	744	King	\$500,000	\$500,000	

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Rank	Score	County	Grant Funds Requested	SWRLID Grant Funding Offered	Footnotes
Applicant Name:		King County Road Services Division		Application Number:	SW11090
Project Title:		SE Summit-Landsburg Road Stormwater Retrofit			
41	744	King	\$277,500	\$277,500	
Applicant Name:		Longview (Primary) / Kelso (Secondary)		Application Number:	SW11071
Project Title:		Pervious Concrete Sidewalk Retrofits			
42	742	Cowlitz	\$125,300	\$125,300	1
Applicant Name:		Spokane Valley, City of		Application Number:	SW11040
Project Title:		Sullivan Bridge Drain Retrofit			
43	735	Spokane	\$237,375	\$186,665	10, 31
Applicant Name:		Spokane, City of		Application Number:	SW11036
Project Title:		River Runoff Reduction Phase 1 Project			
44	724	Spokane	\$998,398	\$0	5
Applicant Name:		Burien Public Works		Application Number:	SW11081
Project Title:		Miller Creek Stormwater Management Facility			
45	718	King	\$1,000,000	\$0	5
Applicant Name:		Tacoma, City of		Application Number:	SW11089
Project Title:		Asotin Court LID Retrofit			
46	711	Pierce	\$709,532	\$0	5
Applicant Name:		Woodinville, City of		Application Number:	SW11018
Project Title:		Lake Leota Stormwater Retrofit Program			
47	705	King	\$705,000	\$0	5
Applicant Name:		Moses Lake, City of		Application Number:	SW11022
Project Title:		Stormwater Retrofit & LID Project			
48	695	Grant	\$302,236	\$0	5
Applicant Name:		Seattle Public Utilities		Application Number:	SW11048
Project Title:		Midvale Stormwater Facility			
49	692	King	\$1,000,000	\$0	5, 12
Applicant Name:		Kitsap County Parks and Recreation		Application Number:	SW11056
Project Title:		Replacement and Installation of Pervious Parking Lots			
50	685	Kitsap	\$747,750	\$0	5

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID)
Competitive Grants Program - Draft Offer and Applicant List**

Rank	Score	County	Grant Funds Requested	SWRLID Grant Funding Offered	Footnotes
Applicant Name:		Sumner, City of		Application Number:	SW11076
Project Title:		Site A.2 Outfall Treatment Retrofit			
51	675	Pierce	\$1,000,000	\$0	5
Applicant Name:		Lakewood, City of		Application Number:	SW11027
Project Title:		Steilacoom Blvd Outfall Project			
52	671	Pierce	\$225,000	\$0	5
Applicant Name:		Mukilteo, City of		Application Number:	SW11066
Project Title:		Smuggler's Gulch Drainage Basin LID and Stormwater Retrofit			
53	662	Snohomish	\$1,000,000	\$0	5
Applicant Name:		Kirkland, City of		Application Number:	SW11054
Project Title:		Park Lane Pedestrian Corridor Enhancements			
54	660	King	\$739,236	\$0	5
Applicant Name:		Port Angeles, City of		Application Number:	SW11082
Project Title:		4th Street Stormwater Project			
55	657	Clallam	\$1,000,000	\$0	5, 17
Applicant Name:		Spokane, City of		Application Number:	SW11037
Project Title:		River Runoff Reduction Phase 2 Project			
56	652	Spokane	\$873,450	\$0	5, 9
Applicant Name:		Snohomish County Dept. of Parks & Rec.		Application Number:	SW11057
Project Title:		Kayak Park Stormwater Treatment			
57	650	Snohomish	\$1,000,000	\$0	5
Applicant Name:		Renton, City of		Application Number:	SW11029
Project Title:		Rainier Avenue Stormwater Retrofit			
58	643	King	\$644,531	\$0	5
Applicant Name:		Vancouver, City of		Application Number:	SW11004
Project Title:		Peterson Channel Industrial LID Improvements			
59	637	Clark	\$287,100	\$0	5
Applicant Name:		Sumner, City of		Application Number:	SW11078
Project Title:		Site J Outfall Treatment Retrofit			
60	635	Pierce	\$538,122	\$0	5, 16

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID)
Competitive Grants Program - Draft Offer and Applicant List**

Rank	Score	County	Grant Funds Requested	SWRLID Grant Funding Offered	Footnotes
Applicant Name:		Wenatchee, City of		Application Number:	SW11010
Project Title:		Snowmelt Facility			
61	630	Chelan	\$975,000	\$0	5
Applicant Name:		Port Orchard, City of		Application Number:	SW11009
Project Title:		Cedar Heights Junior High Sidewalks			
62	630	Kitsap	\$135,000	\$0	1, 5
Applicant Name:		Centralia, City of		Application Number:	SW11083
Project Title:		Centralia Downtown Rain Garden Revitalization Project			
63	626	Lewis	\$486,792	\$0	5
Applicant Name:		Snohomish County Airport (Paine Field)		Application Number:	SW11099
Project Title:		Paine Field Drainage Subbasin SC-5			
64	619	Snohomish	\$967,500	\$0	5
Applicant Name:		Seattle Public Utilities		Application Number:	SW11051
Project Title:		West Seattle Decant Facility			
65	617	King	\$288,980	\$0	5
Applicant Name:		Ferndale, City of		Application Number:	SW11069
Project Title:		SW Regional Stormwater Management Facility			
66	617	Whatcom	\$850,000	\$0	5
Applicant Name:		Skagit County Public Works		Application Number:	SW11044
Project Title:		LID Demonstration Project			
67	614	Skagit	\$290,672	\$0	5
Applicant Name:		Snohomish, City of		Application Number:	SW11015
Project Title:		Public Works LID Improvements Project			
68	612	Snohomish	\$103,616	\$0	5, 6
Applicant Name:		Douglas County		Application Number:	SW11006
Project Title:		23rd Street (Baker to SR28)			
69	609	Douglas	\$165,263	\$0	4, 5
Applicant Name:		Renton, City of		Application Number:	SW11028
Project Title:		NE 10th St and Anacortes Ave NE Detention Pond Retrofit			
70	608	King	\$206,250	\$0	5

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID)
Competitive Grants Program - Draft Offer and Applicant List**

Rank	Score	County	Grant Funds Requested	SWRLID Grant Funding Offered	Footnotes
Applicant Name:		Redmond Public Works		Application Number:	SW11067
Project Title:		Kelsey Creek Erosion Reduction Facility			
71	607	King	\$1,000,000	\$0	5
Applicant Name:		Whatcom County Public Works		Application Number:	SW11033
Project Title:		Upper Silver Beach Creek Restoration			
72	591	Whatcom	\$987,921	\$0	5, 8
Applicant Name:		Vancouver, Port of		Application Number:	SW11024
Project Title:		Port of Vancouver Terminal 4 Stormwater Pond Retrofit			
73	588	Clark	\$1,000,000	\$0	5, 7
Applicant Name:		SeaTac, City of		Application Number:	SW11070
Project Title:		South 138th Street Sidewalk Improvements			
74	581	King	\$695,243	\$0	5
Applicant Name:		Thurston County Public Works		Application Number:	SW11055
Project Title:		The Tilley Campus LID Demonstration Parking Lot			
75	579	Thurston	\$435,000	\$0	1, 5
Applicant Name:		Wenatchee, City of		Application Number:	SW11011
Project Title:		Linden Tree Phase II Improvements			
76	575	Chelan	\$206,250	\$0	1, 5
Applicant Name:		Gig Harbor, City of		Application Number:	SW11094
Project Title:		50th Street Improvements Phase 2			
77	572	Pierce	\$718,410	\$0	5, 18
Applicant Name:		Tacoma, Port of		Application Number:	SW11064
Project Title:		Kaiser Ditch Stormwater Treatment Retrofit			
78	562	Pierce	\$916,500	\$0	5
Applicant Name:		Buckley, City of		Application Number:	SW11001
Project Title:		SR 410 / SR 165 / 112th Street E / Ryan Road Realignment			
79	538	Pierce	\$158,438	\$0	5
Applicant Name:		Battle Ground, City of		Application Number:	SW11046
Project Title:		Rail Road Ditch Detention Pond			
80	500	Clark	\$246,034	\$0	5, 11

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID)
Competitive Grants Program - Draft Offer and Applicant List**

Rank	Score	County	Grant Funds Requested	SWRLID Grant Funding Offered	Footnotes
Applicant Name:		Spokane, City of		Application Number:	SW11038
Project Title:		Summit Low-impact Urban Retrofit Project (SLURP) Phase 2			
81	472	Spokane	\$991,623	\$0	5
Applicant Name:		Mill Creek, City of		Application Number:	SW11002
Project Title:		Huckleberry Stormwater Retrofit			
82	383	Snohomish	\$270,000	\$0	5
Applicant Name:		Spokane, City of		Application Number:	SW11035
Project Title:		CSO 23 / Ash Street Low-impact Project			
83	350	Spokane	\$1,000,000	\$0	5
Applicant Name:		University Place, City of		Application Number:	SW11072
Project Title:		UP Tiered Rain Garden Staircase			
84	325	Pierce	\$250,000	\$0	5, 15
Applicant Name:		Kennewick, City of		Application Number:	SW11014
Project Title:		LID Manual and Demonstration Project			
Incl	0	Benton	\$225,000	\$0	19
Applicant Name:		Everett, City of		Application Number:	SW11098
Project Title:		Bigelow Creek Subbasin Stormwater Retrofit			
Incl	0	Snohomish	\$1,000,000	\$0	29
Applicant Name:		Douglas County		Application Number:	SW11007
Project Title:		Greater East Wenatchee Fueling Cooperative			
Incl	0	Douglas	\$255,422	\$0	20
Applicant Name:		Marysville, City of		Application Number:	SW11080
Project Title:		40th Avenue Stormwater Pond Expansion			
Incl	0	Snohomish	\$1,000,000	\$0	28
Applicant Name:		Seattle Parks & Recreation		Application Number:	SW11041
Project Title:		Colman Pool Filtration Discharge Retrofit			
Incl	0	King	\$206,250	\$0	24
Applicant Name:		Vancouver, Port of		Application Number:	SW11023
Project Title:		Port of Vancouver Terminal 4 Improvement Project			
Incl	0	Clark	\$750,000	\$0	22

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID)
Competitive Grants Program - Draft Offer and Applicant List**

Rank	Score	County	Grant Funds Requested	SWRLID Grant Funding Offered	Footnotes
Applicant Name:		Bellingham, City of		Application Number:	SW11075
Project Title:		Sunnyland Sea Streets and LID Retrofit			
Incl	0	Whatcom	\$999,750	\$0	19
Applicant Name:		Oak Harbor, City of		Application Number:	SW11065
Project Title:		42-inch Outfall Reconstruction Project			
Incl	0	Island	\$740,000	\$0	26
Applicant Name:		Kennewick, City of		Application Number:	SW11016
Project Title:		Wellhead Area Retrofit Program			
Incl	0	Benton	\$390,000	\$0	19
Applicant Name:		Kent, City of		Application Number:	SW11074
Project Title:		Lake Fenwick Phosphorus Reduction Project			
Incl	0	King	\$300,675	\$0	27
Applicant Name:		Black Diamond, City of		Application Number:	SW11073
Project Title:		Commercial Area Stormwater Treatment Facility			
Incl	0	King	\$630,000	\$0	19
Applicant Name:		Anacortes, Port of		Application Number:	SW11020
Project Title:		Pier 2 Stormwater Retrofit Project			
Incl	0	Skagit	\$975,000	\$0	21
Applicant Name:		Burien, City of		Application Number:	SW11021
Project Title:		19th Ave SW/SW 165th Street LID retrofit project			
Incl	0	King	\$456,750	\$0	30
Applicant Name:		Skagit County, Port of		Application Number:	SW11032
Project Title:		Aircraft Washdown Facility			
Incl	0	Skagit	\$94,279	\$0	23
Applicant Name:		Tumwater, City of		Application Number:	SW11030
Project Title:		Tumwater Outfall Retrofit Project			
Incl	0	Thurston	\$982,500	\$0	19
Applicant Name:		Arlington, City of		Application Number:	SW11045
Project Title:		Prairie Creek Stormwater & Wetland Improvements			
Incl	0	Snohomish	\$290,775	\$0	25
Totals:			\$58,908,958	\$23,447,000	

Footnotes:

1. Portions of this project have been evaluated and determined to be ineligible for funding.
2. Funding is conditional on Executive Order 05-05 and Department of Historical and Archeological Preservation review allowing construction.
3. At time of contract negotiations, Ecology would like to include a specific task for outreach to Eastern Washington communities to educate them about the final product (to maximize value, environmental benefit)
4. Portions of this project may be ineligible for funding. Need construction budget cost breakdown.
5. The applicant requested grant funding; however after higher priority projects were proposed for funding, No funds remain available.
6. Portions of the project have been evaluated as ineligible for funding. Vehicle wash area work is not an eligible cost.
7. Eligible costs should be based on stormwater pond retrofit, not larger railroad expansion project.
8. Portions of this project have been evaluated as ineligible including: fish habitat work (Task 3.b) and fish passage work referenced as Phase 2 in pre-design report.
9. Similar in Scope to SW11036. Need to determine if Phase I and Phase II of project are one project.
10. Portion of stormwater infiltration facility sized for current north bound bridge lanes is grant eligible. Future project rerouting South bound stormwater outfalls is not eligible as it is future development.
11. Portions of this project have been evaluated and determined to be ineligible for funding. Costs related to ditch widening, or installing larger culverts are not eligible. Designing and constructing detention pond is eligible.
12. Portions of this project have been evaluated and determined to be ineligible for funding. Flood control is not an eligible cost.
13. Portions of this project may be ineligible for funding (e.g. removal of existing asphalt in conveyance).
14. Portions of this project have been evaluated and determined to be ineligible for funding. Pilot technology proposed is not grant eligible.
15. Portions of this project have been evaluated and determined to be ineligible for funding (e.g. staircase, handrails).
16. Portions of this project have been evaluated and determined to be ineligible for funding. Culvert outfall replacement may not be eligible.
17. Portions of this project have been evaluated and determined to be ineligible (e.g., stream rehabilitation).
18. Portions of this project have been evaluated and determined to be ineligible for funding. Larger culvert replacement and road paving project are not grant eligible.

19. This project was evaluated and determined to be ineligible. Applicant did not submit a PreDesign Report at the time of application.
20. This project was evaluated and determined to be ineligible. The project is for new construction and does not meet the stormwater retrofit or LID program guidance.
21. This project was evaluated and determined to be ineligible. The project is based on lessee property and does not meet the program guidance.
22. This project was evaluated and determined to be ineligible. The project is for new development and does not meet the stormwater retrofit or LID program guidance.
23. This project was evaluated and determined to be ineligible. The project described sends aircraft washdown water to the Port's storm sewer system. The proposal does not meet the stormwater retrofit or LID guidance.
24. This project was evaluated and determined to be ineligible. The project is for elimination of an illicit discharge and does not meet the retrofit or LID program guidance.
25. This project was evaluated and determined to be ineligible. The project provides stream restoration by channeling flood flows to degraded wetland. The project does not meet the stormwater retrofit or LID guidance.
26. This project was evaluated and determined to be ineligible. The proposal does not provide information on stormwater treatment for the extension of the 42 inch outfall. The project does not meet the stormwater retrofit or LID guidance.
27. This project was evaluated and determined to be ineligible. The proposal is for replacement of an existing aerator in Lake Fenwick. The project does not meet the stormwater retrofit or LID guidance.
28. This project was evaluated and determined to be ineligible. The project is for future commercial or industrial development and does not meet the stormwater retrofit or LID program guidance.
29. This project was evaluated and determined to be ineligible. The project is for stream restoration and does not meet the stormwater retrofit or LID guidance.
30. Project was withdrawn by applicant.
31. Funds offered are less than requested because this is the last priority project determined eligible that can be funded based on limited available dollars.

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID) Competitive Grants Program
Project Summaries**

Rank	Application Number	Applicant Name	Project Title
1	SW11047	Seattle Public Utilities	South Park Stormwater Facility
<p>This project will reduce pollutant loading to the Duwamish Waterway from the 7th Ave S drainage basin through a retrofit of the existing drainage system. Seattle Public Utilities will construct a diversion structure, pump station, and stormwater treatment system at the downstream end of the 7th Ave S drainage system.</p>			
2	SW11060	Arlington, City of	Stormwater Wetland Project
<p>The City of Arlington is constructing a Stormwater Wetland to treat stormwater from the City's storm sewer system prior to discharging into the Stillaguamish River. This project utilizes a wetland's natural treatment processes to support the goals and requirements of the Stillaguamish TMDL Plan and the NPDES Phase II permit.</p>			
3	SW11034	Burlington, City of	Burlington LID Demonstration Project
<p>The City of Burlington proposes a comprehensive approach to incorporating LID practices into redevelopment of historic old town. The redevelopment currently underway is the result of years of community-supported process. This grant allows the City to demonstrate and interpret LID and stormwater management to community members, visitors, and local developers.</p>			
4	SW11019	Woodinville, City of	Sammamish River Stormwater Outfall Retrofit
<p>The final phase of this project installs water quality treatment filters into a vault to provide enhanced treatment of untreated stormwater runoff from a 52-acre basin in the City's urban core that is primarily commercial land use and pavement that discharges to the Sammamish River, a critical salmonid migration corridor.</p>			
5	SW11091	King County	Vashon Island Park and Ride
<p>The Vashon Island Park and Ride project will consist of adding 27 porous concrete parking spaces and constructing two rain gardens to reduce stormwater impacts. Additionally, this project will monitor the fate of infiltrated pollutants and provide opportunities for public education/stewardship of these techniques to nearby schools and community.</p>			
6	SW11026	Lakewood, City of	2011 Drywell Replacement Project
<p>This project will replace approximately one hundred existing drywell facilities with two-stage infiltration systems. The proposed facilities include devices, which greatly diminish the amount of oil and sediment that discharges into the ground.</p>			
7	SW11013	Poulsbo, City of	Old Town Poulsbo LID Retrofit
<p>Reduce pollutant loading and improve stormwater quality discharge to Liberty Bay from Old Town Poulsbo by retrofitting 2.9 acres of City streets with raingardens and tree box filters. Conduct water quality monitoring and provide public education opportunities at an adjacent City park to showcase LID stormwater management methods and benefits.</p>			
8	SW11053	Olympia, City of	Pacific Avenue Stormwater Treatment Facility
<p>The project will provide water quality treatment for a 13-acre highly developed urban basin in East Olympia. Untreated runoff currently flows to Indian Creek and subsequently Budd Inlet, both 303(d) Category 5 impaired waters. The existing stormwater system will be retrofitted with approved technologies in accordance with state guidelines.</p>			
9	SW11050	Seattle Public Utilities	Venema Natural Drainage System
<p>The Venema Natural Drainage System (NDS) Project will provide flow control and stormwater quality treatment in the Venema basin which will improve hydrology and water quality in Venema Creek, a tributary of Piper's Creek.</p>			

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID) Competitive Grants Program
Project Summaries**

Rank	Application Number	Applicant Name	Project Title
10	SW11093	King County Road Services Division	Military Rd S. at South 342nd St. Intersection Improvement and LID Demonstration Project
<p>The Military Road South at South 342nd Street intersection improvement project demonstrates how multiple stormwater low-impact development practices can be integrated within existing public right-of-way. The project utilizes pavement reduction, permeable pavements, swales, and rain gardens to maximize treatment of stormwater conveyed through the project area.MM</p>			
11	SW11087	Pierce County Surface Water Management	Spanaway Lake Park Stormwater Retrofit
<p>This project will retrofit stormwater facilities at Spanaway Lake Park in Pierce County utilizing bioretention areas to infiltrate stormwater that currently directly discharges untreated to Spanaway Lake and Spanaway Creek.</p>			
12	SW11058	Kitsap County	PRC and HHW LID Project
<p>Kitsap County proposes a two-part LID project: 1) The Poulsbo Recycle Center will be retrofit with perimeter bioretention, a green roof, and a LID demonstration area; and 2) Construction of a new Household Hazardous Waste (HHW) Collection Area adjoining PRC, includes a rain garden, green roof, and pervious parking area.</p>			
13	SW11068	Granite Falls, City of	Granite Falls Regional Decant Facility
<p>The application is to fund a regional decant facility for the purpose of proper management of catch basin vector waste and street sweeper waste in Granite Falls, Washington. The facility will be sized for three vector truck loads per day, to serve the City, Snohomish County, the City of Lake Stevens, and WADOT as needed. Non-potable water will be supplied to the facility from the City's wastewater treatment plant.</p>			
14	SW11092	King County	Seola Creek Basin Retrofit
<p>This project will demonstrate how retrofitting underperforming facilities in an urban basin lacking stormwater controls improves water quality. Increasing detention and adding wetpool volume to an existing facility within the same footprint and transforming an open channel into bioswale will remove pollutants. Checkdams and channel stabilization will decrease ongoing erosion.</p>			
15	SW11100	Lake Stevens, City of	Lake Stevens LID Demonstration Project
<p>The Lake Stevens LID Demonstration Project proposes to install multiple individual LID infiltration BMP's within the frontage of an existing vehicle maintenance and storage facility. The facility will be used to educate the local community on available LID practices as well as provide treatment and stormwater mitigation to existing runoff.</p>			
16	SW11042	Issaquah, City of	Cemetery Transfer Site Stormwater Retrofits
<p>This stormwater retrofit project will upgrade the City's Cemetery Transfer Site to meet current codes and best management practice standards for municipal facilities. This facility is used by Public Works Operations Department for temporary storage of rock and dirt spoils that are removed during routine street and utility maintenance activities.</p>			
17	SW11043	Issaquah, City of	Central Park LID Parking Lot
<p>This LID implementation project will construct a 134-stall pervious asphalt parking lot at the City of Issaquah's Central Park Pad 3 Fields. The parking area currently consists of compacted dirt and gravel surface. The total amount of pervious asphalt proposed is 62,000 square feet.</p>			
18	SW11079	Federal Way, City of	S 356th Street Regional Detention Facility Retrofit
<p>This project expands the S. 356th Street Regional Detention Facility (RDF) to improve water quality and moderate flows being discharged to the wetlands forming the headwaters of the North Fork of West Hylebos Creek. The following elements are planned: deep water wet pool; flow control; bioretention; spill containment and extensive native plantings.</p>			

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID) Competitive Grants Program
Project Summaries**

Rank	Application Number	Applicant Name	Project Title
19	SW11039	Shoreline, City of	Thornton Creek Headwaters LID Stormwater Retrofit Project
<p>This project will retrofit existing stormwater drainage infrastructure with LID bioretention facilities in a residential sub-basin in the headwaters of North Fork Thornton Creek. These facilities will improve stormwater retention and water quality in an urban watershed that is water quality impaired for multiple parameters and has substantive flooding problems.</p>			
20	SW11062	Redmond Public Works	Redmond & King County Stormwater Pond
<p>Evans Creek is impacted by untreated urban runoff. The King County road maintenance facility on Union Hill Road discharges underdetained and undertreated stormwater into Evans Creek. The project constructs a new stormwater detention pond and stormwater treatment wetland retrofitting this area for improving water quality.</p>			
21	SW11012	Snohomish County Public Works	North Creek Neighborhood LID Retrofits
<p>Six low impact development retrofit projects will be designed and constructed to reduce runoff and improve water quality in the North Creek Basin. All six rain garden and ditch retrofit projects are located within the county right-of-way in older neighborhoods with no existing detention or water quality facilities</p>			
22	SW11049	Seattle Public Utilities	Capitol Hill Water Quality Improvement Project
<p>This project will install an innovative regional scale stormwater facility. The facility will include vegetated bioswales which will provide stormwater treatment for a portion of the largest subbasin draining to South Lake Union while providing a vibrant pedestrian-friendly streetscape.</p>			
23	SW11008	Olympia, City of	SPSCC Stormwater Retrofit for Water Quality
<p>This project will retrofit the South Puget Sound Community College stormwater infrastructure to provide enhanced water quality treatment. Treatment of runoff from the developed urban campus area will improve water quality in downstream water bodies that are 303(d) listed, and habitat for several species of endangered species like salmon.</p>			
24	SW11059	Spokane County	Country Homes Boulevard Restoration Project
<p>The Country Homes Boulevard Restoration Project will replace approximately one mile of asphalt ditch drainage channel that carries stormwater runoff from the five mile watershed toward the Spokane River to a low-impact development rain garden/bio-infiltration swale, providing stormwater treatment for the pollution-generating impervious surfaces within this watershed.</p>			
25	SW11086	Pierce County Public Works	Chambers/Clover Creek Basin Pollutant Reduction Project
<p>This project will retrofit up to 100 single stage drywells in the Chambers/Clover Creek watershed in unincorporated Pierce County to improve surface and ground water quality. Work will consist of upgrading the drywells to enhance pollutant capture, simplify operation and maintenance requirements and provide for spill control capacity.</p>			
26	SW11005	Yakima, City of	Yakima UIC/Water Quality Retrofits
<p>This project designs and constructs prototype Underground Injection Control (UIC) retrofit projects to add water quality (WQ) and low impact development (LID) treatment to the City's existing 436 UIC facilities. These prototype retrofit designs are intended to initiate a long-term UIC retrofit program throughout the City, Yakima County, and Eastern Washington.</p>			
27	SW11084	Pierce County Public Works	Central Maintenance Facility Vector Waste Processing Facility
<p>This project provides for the construction of a vector waste decant facility with discharge to sewer in the Fredrickson area of Pierce County. The project will insure adequate vector waste handling capacity and protect the Chambers/ Clover Creek Sole Source Aquifer.</p>			

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID) Competitive Grants Program
Project Summaries**

Rank	Application Number	Applicant Name	Project Title
28	SW11088	Tacoma, City of	Wapato Lake Drive Pervious Street
Wapato Lake Drive will be converted from a failed street to pervious pavement to reduce stormwater runoff by providing infiltration. Wapato Lake has high levels of Phosphorus. This project will reduce the contaminant loading to the lake, which is vital to the health of this sensitive receiving water.			
29	SW11095	Tacoma, City of	Hood Street Treatment Retrofit – (South 17th to South 21st)
Urban rain gardens will be constructed through UW Tacoma and will provide regional treatment for 42 acres of commercial area. The rain gardens will be designed in cooperation with the University and will complement bike and pedestrian paths that will share this corridor plus provide a teaching opportunity for the public.			
30	SW11096	Newcastle, City of	Olympus Subdivision Pond Retrofit
The project seeks to retrofit an existing stormwater pond adjacent to the intersection of Coal Creek Parkway SE and SE 84th Way in Newcastle. The purpose of the improvements is to enhance the pond's ability to provide water quality treatment and detention prior to discharge into Boren Creek.			
31	SW11085	Pierce County Public Works	Clarks Creek Basin Stormwater Retrofits
This project would retrofit numerous residential and road impervious areas in the Clarks Creek Basin in unincorporated Pierce County with biofiltration, bioretention, infiltration, filtration, hydrodynamic separation and rain gardens to achieve improved water quality conditions, including sediment, nutrient, bacteria and metals reduction in stormwater.			
32	SW11031	Duvall, City of	Carrie Rae Pond Retrofit
This project includes retrofitting a 4,000 square foot pond that was constructed as a flow-through stormwater facility in 1985 and currently provides no water quality improvement or detention. The retrofit will increase pond depth and volume to provide water quality and flow control within the existing pond footprint.			
33	SW11061	Redmond Public Works	Redmond Way Stormwater Treatment Facility
Retrofit 263 acre urban basin with a media filter vault before discharge to the Sammamish River that supports diverse fish population but is impacted by untreated urban runoff. Implement redevelopment policy to provide LID treatment and roof infiltration to maintain baseflow, protect City aquifer, and decrease size of treatment system.			
34	SW11097	Everett, City of	Underground Stormwater Facility Access Retrofit
This project retrofits existing City of Everett stormwater vaults (18) and tanks (45) installed prior to 1998 with additional access ways. The resulting thorough and efficient cleaning and maintenance will improve the facilities treatment of stormwater and provide high water quality discharges to the Puget Sound and Snohomish River.			
35	SW11025	Shoreline, City of	Aurora Corridor Improvement Project
This project will install Filterra bioretention systems, raingardens, and public education facilities as a part of the Aurora Corridor Road Improvement Project. LID features provide water quality treatment to remove TSS, phosphorus, metals, and oils from stormwater prior to entering Echo Lake and ultimately benefiting impaired Lake Ballinger			

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID) Competitive Grants Program
Project Summaries**

Rank	Application Number	Applicant Name	Project Title
36	SW11063	Redmond Public Works	Bear Creek Center Stormwater Retrofit
<p>Bear Creek is impacted by untreated urban runoff. Construct stormwater treatment wetland to provide treatment to retrofit an existing parking lot and other impervious area. Replace adjacent multi-use trail with permeable asphalt. Provide public education signage about LID and regional/local efforts on retrofitting for stormwater treatment.</p>			
37	SW11052	Mercer Island, City of	Mercer Island LID Retrofit Project
<p>This project will install LID facilities at City Hall to improve stormwater runoff quality to Lake Washington and promote the application of LID facilities by serving as a high-profile educational opportunity for City Hall visitors.</p>			
38	SW11003	Vancouver, City of	Peterson Channel Residential LID Improvements
<p>LID-based bioretention facilities are proposed in Peterson Channel industrial areas to treat stormwater and improve water quality. With its high basin positioning, reductions in temperatures and contaminants are expected in both Peterson Channel and Burnt Bridge Creek. This project demonstrates Vancouver's partnerships with neighborhoods and industries, including nearby SEH America.</p>			
39	SW11077	Sumner, City of	CIP 19 Outfall Treatment Retrofit
<p>CIP 19 (Puyallup Street) White (Stuck) River Outfall Stormwater Treatment Retrofit – retrofit existing 24-inch outfall with media cartridge system for full treatment of 43-acre basin.</p>			
40	SW11017	Pacific, City of	White River Treatment BMP Project
<p>The City of Pacific plans to replace an existing stormwater facility that has been damaged beyond operable repairs due to the recent flooding of the White River. The proposed stormwater facility will function more efficiently in its new location and will better serve the local community.</p>			
41	SW11090	King County Road Services Division	SE Summit-Landsburg Road Stormwater Retrofit
<p>SE Summit Landsburg Road is a 2-mile long roadway located east of Maple Valley. The roadway passes through a Category 1 Critical Aquifer Recharge Area but does not have facilities for treatment of stormwater runoff. King County proposes to add approximately 1,800 linear feet of bioinfiltration swale along the roadway.</p>			
42	SW11071	Longview (Primary) / Kelso (Secondary)	Pervious Concrete Sidewalk Retrofits
<p>Transition Cities to preferential specification and installation of pervious concrete by:</p> <ul style="list-style-type: none"> • <input type="checkbox"/> Modifying relevant concrete plans and specifications to allow pervious concrete, • <input type="checkbox"/> Purchasing necessary tools and training City crews to install pervious concrete, and • At a minimum, switching all internal sidewalk and handicap ramp construction to pervious concrete. 			
43	SW11040	Spokane Valley, City of	Sullivan Bridge Drain Retrofit
<p>This project will eliminate currently untreated direct flows from the Sullivan Bridges to the Spokane River and convey them off-site to a new treatment facility. Project will design and construct the conveyance, treatment, and infiltration systems to eliminate five outfalls now and additional southbound bridge outfalls in the future.</p>			

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID) Competitive Grants Program
Project Summaries**

Rank	Application Number	Applicant Name	Project Title
44	SW11036	Spokane, City of	River Runoff Reduction Phase 1 Project
This River Runoff Reduction Phase 1 project aims to reduce the stormwater runoff discharge to the Spokane River by retrofitting existing stormwater catch basins with downturned elbows, and piping the treated stormwater to new drywells for subsurface discharge and infiltration into the ground.			
45	SW11081	Burien Public Works	Miller Creek Stormwater Management Facility
This project retrofits 55 acres in Burien's NERA basin, with a regional stormwater wetland and infiltration facility. The project incorporates LID treatment of areas contributing to the facility, and provides wetland restoration and enhanced water quality treatment for Miller Creek. This is the first phase to retrofitting the 162-acre basin.			
46	SW11089	Tacoma, City of	Asotin Court LID Retrofit
The Asotin Court LID Retrofit will provide enhanced water quality and reduce stormwater runoff through use of a reduced pavement section, intermittent parking, pervious sidewalks, and rain gardens. Wapato Lake has been identified as high in phosphorus and this project will reduce contaminant loading to the sensitive receiving water.			
47	SW11018	Woodinville, City of	Lake Leota Stormwater Retrofit Program
This regional stormwater facility retrofit/LID project adds water quality treatment for currently untreated stormwater runoff within the Lake Leota basin. Improvements include a water quality vault with media filters to provide enhanced treatment and five LID Bioretention/Rain Gardens, a public retrofit guidance for basin residents and treatment facility performance evaluation.			
48	SW11022	Moses Lake, City of	Stormwater Retrofit & LID Project
This project will decommission eleven existing UIC wells currently installed in groundwater, reroute flow to a main storm line and construct a LID bioswale to provide treatment for 520,800 s.f. of City streets prior to discharge to surface water. This project will be promoted as an LID technique demonstration project.			
49	SW11048	Seattle Public Utilities	Midvale Stormwater Facility
Seattle Public Utilities will install a wet pond to treat stormwater runoff from approximately 40% of a highly urban 1,100 acre basin which drains to the Ship Canal and Lake Union.			
50	SW11056	Kitsap County Parks and Recreation	Replacement and Installation of Pervious Parking Lots
Kitsap County Parks will replace three parking lots using a permeable surface at locations adjacent to sensitive lakes and the marine shoreline. This project will provide public educational examples of good water quality protection and alternative surfacing options and the pervious surfaces will be assessed for durability and porosity.			
51	SW11076	Sumner, City of	Site A.2 Outfall Treatment Retrofit
Site A.2 Puyallup River Outfall Stormwater Treatment Retrofit – retrofit existing 42-inch outfall with media cartridge system for partial treatment of 152-acre basin.			
52	SW11027	Lakewood, City of	Steilacoom Blvd Outfall Project
The Steilacoom Blvd Outfall Project proposes to improve water quality by installing two stormwater treatment units along the existing drainage system within Steilacoom Blvd. The existing drainage system currently discharges stormwater runoff directly to Chambers Creek.			

**State Fiscal Year 2011 Stormwater Retrofit Low Impact Development (SWRLID) Competitive Grants Program
Project Summaries**

Rank	Application Number	Applicant Name	Project Title
53	SW11066	Mukilteo, City of	Smuggler's Gulch Drainage Basin LID and Stormwater Retrofit
<p>The City is initiating a Low Impact Development demonstration project in the Smuggler's Gulch Drainage Basin to reduce flooding, manage erosion, and improve water quality. The project goal is to reduce peak flow rates and improve water quality by retrofitting existing drainage facilities and implementing Low Impact Development techniques.</p>			
54	SW11054	Kirkland, City of	Park Lane Pedestrian Corridor Enhancements
<p>The project will improve stormwater management and pedestrian access along Park Lane. The design concept, identified as "Flexible Festival Street", will support Park Lane as a destination corridor where LID techniques can be demonstrated to the public. LID components will treat stormwater before it enters Lake Washington (.23 miles away).</p>			
55	SW11082	Port Angeles, City of	4th Street Stormwater Project
<p>This stormwater retrofit project will improve quality of residential urban runoff prior to discharge at Port Angeles Harbor, a 303(d) listed water body with dissolved oxygen violations. Treatment methods include linear raingardens, new open channel, and dispersion through vegetation. Raingardens will serve as a pilot demonstration for future City projects.</p>			
56	SW11037	Spokane, City of	River Runoff Reduction Phase 2 Project
<p>The River Runoff Reduction Phase 2 project aims to reduce the discharge of pollutants to the Spokane River by retrofitting catch basins to infiltrate runoff through drywells instead of discharging collected stormwater directly into the river.</p>			
57	SW11057	Snohomish County Dept. of Parks & Rec.	Kayak Park Stormwater Treatment
<p>Parking facilities at Kayak Point Regional Park will be reconfigured away from the shoreline with a reduced footprint and four untreated point discharges to Puget Sound removed. Pervious pavement and bioretention facilities will provide water quality treatment through infiltration. Interpretive signage will describe how LID lessens impacts to Puget Sound.</p>			
58	SW11029	Renton, City of	Rainier Avenue Stormwater Retrofit
<p>The project will retrofit approximately 0.82 miles of roadway along Rainier Avenue S between SW Grady Way and S 2nd Street in order to provide enhanced basic water quality and oil treatment prior to discharge to Springbrook Creek. Springbrook Creek is a water body included in the 303 (d) list.</p>			
59	SW11004	Vancouver, City of	Peterson Channel Industrial LID Improvements
<p>LID-based bioretention facilities are proposed in Peterson Channel residential areas to treat stormwater and improve water quality. With its mid-to high basin positioning, reductions in temperatures and contaminants are expected in Peterson Channel and Burnt Bridge Creek. This project demonstrates Vancouver's partnerships with neighborhoods and industries, including nearby SEH America.</p>			
60	SW11078	Sumner, City of	Site J Outfall Treatment Retrofit
<p>Site J Salmon Creek/White River Outfall Stormwater Treatment Retrofit – retrofit existing 60-inch outfall with hydrodynamic separation system for treatment of 610-acre basin.</p>			
61	SW11010	Wenatchee, City of	Snowmelt Facility
<p>Design for the snowmelt facility would be completed. The existing snowmelt facility would then be retrofitted with a heat exchange system to utilize heat from wastewater treatment plant effluent to melt snow. Improvements to the existing melt tank and clarifier would be completed as well as the addition of filtration and flow-measuring devices.</p>			

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Rank	Application Number	Applicant Name	Project Title
62	SW11009	Port Orchard, City of	Cedar Heights Junior High Sidewalks
The Cedar Heights Junior High Sidewalk Project involves installing improvements to the existing storm water system, capturing the water that currently flows to Puget Sound and diverting that flow to a closed depression infiltration system, and installing sidewalks.			
63	SW11083	Centralia, City of	Centralia Downtown Rain Garden Revitalization Project
This project will replace four city blocks of street curbing and stormwater catch basins that collect/convey runoff to china Creek, a tributary of the 303d listed Chehalis River, with curb side rain gardens. The rain gardens will capture and treat runoff from state Highway 507 and adjacent sidewalks.			
64	SW11099	Snohomish County Airport (Paine Field)	Paine Field Drainage Subbasin SC-5
Provide stormwater runoff control and water quality treatment to an existing, older hangar and industrial area which was constructed before stormwater control/treatment practices were mandated. Work will include a fuel spill containment shutoff valve.67			
65	SW11051	Seattle Public Utilities	West Seattle Decant Facility
This project will increase the capacity of the West Seattle Vactor Decant Facility by expanding and covering the drying area to maintain safe, economical, and efficient decanting and disposal processes. It will allow Seattle Public Utilities to meet permit requirements in cleaning and maintaining stormwater catch basins and other facilities.			
66	SW11069	Ferndale, City of	SW Regional Stormwater Management Facility
The proposed Southwest Regional Stormwater Management Facility will provide regional detention and water quality treatment for the City of Ferndale's future road improvements, with additional capacity to serve an estimated 80+ acres of developable and re-developable land located in the southwest Ferndale City limits.			
67	SW11044	Skagit County Public Works	LID Demonstration Project
Skagit County is proposing to redevelop a public parking lot to incorporate LID techniques and provide an LID demonstration project. The project will include a series of interpretive signs that emphasizes the benefits of LID, and what actions people can take at home to improve the quality of stormwater.			
68	SW11015	Snohomish, City of	Public Works LID Improvements Project
The Public Works LID Improvements Project will utilize a level spreader, filter strip and mitigation planting to provide river bank protection and treat stormwater runoff from approximately 1 acre of impervious area. It will provide updates to an existing vehicle wash area which will tie to a gravity sewer line.			
69	SW11006	Douglas County	23rd Street (Baker to SR28)
Stormwater collection, conveyance and treatment facilities on 23rd Street NE between Baker Avenue and SR 28. Improvements will address recurrent flooding and erosion associated with uncontrolled runoff. Sediment laden water accumulates at SR28, which is heavily traveled, and is transported south on SR29 along the edge of the traveled lanes.			
70	SW11028	Renton, City of	NE 10th St and Anacortes Ave NE Detention Pond Retrofit
The project will retrofit a City owned detention pond to provide basic water quality treatment for approximately 3.31 acres of PGIS prior to discharge to Honey Creek (tributary to May Creek). Basic WQ treatment will be achieved by converting the existing detention pond into a combined detention and two cell wetpond.			

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Rank	Application Number	Applicant Name	Project Title
71	SW11067	Redmond Public Works	Kelsey Creek Erosion Reduction Facility
<p>Kelsey Creek's tributaries are subject to erosion due to undetained stormwater flows. The project involves constructing a 20.3 acre-foot detention vault as part of a regional plan to retrofit 322.7 acres that are tributary to the Kelsey Creek system and providing LID treatment/detention for replaced parking above the new vault.</p>			
72	SW11033	Whatcom County Public Works	Upper Silver Beach Creek Restoration
<p>This project will improve and stabilize a portion of Silver Beach Creek that has been impacted as a result of residential development. Project intent is to reduce flow velocities and prevent further erosion and degradation of the stream, and ultimately reduce phosphorus and sediment loading to Lake Whatcom.</p>			
73	SW11024	Vancouver, Port of	Port of Vancouver Terminal 4 Stormwater Pond Retrofit
<p>The Port of Vancouver Terminal 4 stormwater pond retrofit project will retrofit an existing stormwater retention pond into a larger reconfigured pond that allows for more enhanced stormwater treatment than the previous pond by reconfiguring the shape and dynamics of the pond.</p>			
74	SW11070	SeaTac, City of	South 138th Street Sidewalk Improvements
<p>This project will install LID bioretention filters and flow control facilities to serve approximately 2000 linear feet of roadway that is currently not treated or detained. The drainage ditches and shoulders currently used as parking will be replaced with pervious concrete sidewalk, curb and gutter and a closed conveyance system.</p>			
75	SW11055	Thurston County Public Works	The Tilley Campus LID Demonstration Parking Lot
<p>This Low Impact Development project will create 169 parking stalls for the new Tilley Campus site and Emergency Operations Center. The project will incorporate rain gardens, various pervious pavements, and LID site design (incorporating tree canopy retention) for stormwater management.</p>			
76	SW11011	Wenatchee, City of	Linden Tree Phase II Improvements
<p>This project will improve the treatment capacity of the existing stormwater system by expanding the wet-pond and installing a biofiltration swale. Invasive reed canary grass and Himalayan blackberry would be removed during the project and the area would be re-vegetated with native species.</p>			
77	SW11094	Gig Harbor, City of	50th Street Improvements Phase 2
<p>Reconstruct an existing two-lane gravel roadway with a two-lane paved street that integrates bioretention swales, pervious sidewalk and combined-use trail segment, and on-street parking. The project also includes the removal of an existing fish barrier and will serve to reduce sediment and pollutant loading for a stream it passes over.</p>			
78	SW11064	Tacoma, Port of	Kaiser Ditch Stormwater Treatment Retrofit
<p>To mitigate potential recontamination of the Hylebos Waterway by polluted stormwater runoff, the Port proposes to remove sediment from the existing Kaiser Ditch, improve the hydraulics, and retrofit the ditch with a selected low impact development treatment technique to support approximately 140 acres of Port's general bulk terminal operation.</p>			
79	SW11001	Buckley, City of	SR 410 / SR 165 / 112th Street E / Ryan Road Realignment
<p>This project includes construction of roadway, storm drainage conveyance and LID techniques, and trail improvements on SR 410, SR 165, Ryan Road, 112th Street East, South River Avenue, South Pearl Street, and the Foothills Trail. The project is broken into two phases.</p>			

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Rank	Application Number	Applicant Name	Project Title
80	SW11046	Battle Ground, City of	Rail Road Ditch Detention Pond
<p>This project will provide flow control for drainage areas tributary to Salmon Creek and increased capacity of the drainage system upstream of the project. This project consists of construction of a new detention pond and ditch improvements and culvert replacement adjacent to the project.</p>			
81	SW11038	Spokane, City of	Summit Low-impact Urban Retrofit Project (SLURP) Phase 2
<p>The Summit Low-impact Urban Retrofit Project (SLURP) will construct a storage, conveyance and infiltration facility to divert untreated stormwater runoff from the Spokane River. This phase of the project will construct the storage and conveyance to bring runoff to the previously funded infiltration facility.</p>			
82	SW11002	Mill Creek, City of	Huckleberry Stormwater Retrofit
<p>Stormwater retrofit project in the Huckleberry neighborhood in the City of Mill Creek in order to improve water quality in Penny Creek.</p>			
83	SW11035	Spokane, City of	CSO 23 / Ash Street Low-impact Project
<p>The CSO 23 / Ash Street Low-impact project will retrofit an existing storm sewer system with traditional and low-impact development (LID) techniques. As part of the CSO Basin 23 Storage Facility construction, LID techniques will be incorporated for Ash Street to remove stormwater flow from the City's combined sewer overflow (CSO).</p>			
84	SW11072	University Place, City of	UP Tiered Rain Garden Staircase
<p>The tiered rain garden staircase is a functional and educational LID that diverts runoff and contaminants from a 6,400-plus public walkway into a highly visible, naturally filtering rain garden to decrease demand on the storm water system and protect the Morrison Pond category II wetland and Puget Sound. The project also includes educational displays and programming.</p>			
Inel	SW11014	Kennewick, City of	LID Manual and Demonstration Project
<p>Kennewick's LID Manual and Demonstration Project is on the FY 2011 Revolving Fund intended use plan along with a catch basin retrofit project. We have a newly formed storm water utility that is not ready for the debt service on both loans, however, we would like to complete both projects. We are proposing to develop the LID manual with the Revolving Fund loan and complete the demonstration project with this grant. The project will develop a low impact development manual for our unique semi-arid climate and hydro-geologic conditions. The LID techniques will be used on a demonstration parking lot project in Columbia Park near the Columbia River.</p>			
Inel	SW11098	Everett, City of	Bigelow Creek Subbasin Stormwater Retrofit
<p>The Bigelow Creek Subbasin Stormwater Retrofit project re-directs the ecologically significant stream flows of Bigelow Creek to an alignment consistent with its historic passage. The stream contributes to the overall enhancement of various wetlands, and supports the WRIA 7 Salmon Conservation Plan for accommodating habitat restoration in the Snohomish Basin.</p>			
Inel	SW11007	Douglas County	Greater East Wenatchee Fueling Cooperative
<p>Construction of single Public Agency Fueling Cooperative versus multiple retro-fit projects. Facility will provide fuel at the lowest possible cost. Existing facilities operated by various partners will be decommissioned. New facility will be designed and constructed in accordance with current best management practices for municipal fueling operations.</p>			

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Rank	Application Number	Applicant Name	Project Title
Inel	SW11080	Marysville, City of	40th Avenue Stormwater Pond Expansion
<p>The Pond Expansion project will provide regional flow control and runoff treatment for a total of 113 acres of future commercial/industrial development identified by the City of Marysville. The Pond Expansion project will discharge to Hayho Creek via a tributary channel and provide scour/habitat benefits to this fish bearing creek.</p>			
Inel	SW11041	Seattle Parks & Recreation	Colman Pool Filtration Discharge Retrofit
<p>This project will design and construct a retrofit for a stormwater pipe, to prevent untreated swimming pool filter backwash water from discharging into Puget Sound. The solution will be to divert the water into a tank for storage, then pump it into the sanitary sewer.</p>			
Inel	SW11023	Vancouver, Port of	Port of Vancouver Terminal 4 Improvement Project
<p>This project will install a total of 26.50 acres of pervious concrete at the port's Terminal 4 location. The first phase installation of 6.11 acres of the pervious concrete will allow the port to transform a currently unusable Brownfield site landfill into a usable space for storage of imported vehicles.</p>			
Inel	SW11075	Bellingham, City of	Sunnyland Sea Streets and LID Retrofit
<p>The Sunnyland Neighborhood LID project involves application of low Impact Development best management practices to 60 block area of Bellingham. This area drains to Whatcom Creek a 303d listed water body with fecal and temperature TMDL's being developed. The project goal is to treat and infiltrate urban water.</p>			
Inel	SW11065	Oak Harbor, City of	42-inch Outfall Reconstruction Project
<p>Stormwater outfall reconstruction and relocation. Removal of 320 linear feet of the existing 42-inch diameter stormwater outfall pipe and installation of approximately 480 feet of new 42-inch diameter steel pipe and one catch basin.</p>			
Inel	SW11016	Kennewick, City of	Wellhead Area Retrofit Program
<p>Wellhead Area Retrofit Program (WARP) will retrofit all existing catch basins within the 1-year time of travel zone in the City's Wellhead Protection Area (aquifer recharge zone). The retrofits will provide sediment removal and oil/water separation, minimizing pollutant transport to the aquifer. The project will also purchase a high efficiency street sweeper for source control; removing many pollutants prior to entering the system.</p>			
Inel	SW11074	Kent, City of	Lake Fenwick Phosphorus Reduction Project
<p>In response to elevated phosphorus levels in Lake Fenwick, Kent will retrofit an existing aerator and perform a phosphorus-inactivation alum treatment to work towards TMDL compliance. This will improve the lake's water quality and reduce excessive algae growth compromising the lake's habitat value and aesthetic appeal.</p>			
Inel	SW11073	Black Diamond, City of	Commercial Area Stormwater Treatment Facility
<p>This project will provide 2400 feet of new storm collection on the east side of SR 169 north of Ginder Creek to combine and collect the storm water in the area for treatment. A wet vault will be installed somewhere on the south end of the project in either an easement or purchase property.</p>			
Inel	SW11020	Anacortes, Port of	Pier 2 Stormwater Retrofit Project
<p>The Port of Anacortes proposes a stormwater retrofit construction project that will eliminate all stormwater discharge from its 13-acre Pier 2 loading facility into the adjacent Guemes Channel. The Port will collect all stormwater and wash-down water from the pier into an expanded detention basin for settling and then convey it to the City of Anacortes wastewater treatment plant for additional treatment.</p>			

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Rank	Application Number	Applicant Name	Project Title
Inel	SW11021	Burien, City of	19th Ave SW/SW 165th Street LID retrofit project
<p>The 19th Ave SW/SW165th Street LID retrofit project was the highest-rated of 164 LID retrofit project opportunities identified in the City of Burien's Low Impact Development Implementation Plan because of its potential to improve water quality in and reduce erosive flows discharging to Miller-Walker Creek using bioretention and infiltration.</p>			
Inel	SW11032	Skagit County, Port of	Aircraft Washdown Facility
<p>This project entails construction of a dedicated Aircraft Washdown Facility at Skagit Regional Airport. The project will incorporate Low Impact Development strategies through pre-treatment for oil/grease/grit, and treatment of effluent via a rain garden/engineered multi-media filter system. Project goals include eliminating illicit discharges to surface water with zero waste discharge off-site.</p>			
Inel	SW11030	Tumwater, City of	Tumwater Outfall Retrofit Project
<p>The City is designing a constructed wetland for stormwater treatment to mitigate contaminants discharged to the Deschutes River. The City is also designing retrofits of three additional untreated outfalls to incorporate LID techniques and mitigate stormwater impacts on downstream waters including the Deschutes River, Percival Creek and Capital Lake.</p>			
Inel	SW11045	Arlington, City of	Prairie Creek Stormwater & Wetland Improvements
<p>The project utilizes landscape processes, connecting a degraded stream with a stormwater wetland to:</p> <ul style="list-style-type: none"> o Reduce heavy sediment loads that o Choke spawning gravels; o Fill pools providing rearing habitat; o Impair instream turbidity; o Load shellfish beds with fecal coliform; Restore historic streamflows; and Restore wetland functions. 			