



**FY 2007**

**Low Impact Development  
Stormwater Management  
Grant Program**

**Offer and Applicant List**

November 2006  
Ecology Publication 06-10-86



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<http://www.ecy.wa.gov/biblio/0610086.html>

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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

*PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000  
TTY 711 or 800-833-6388 (for the speech or hearing impaired)*

November 14, 2006

**Re: FY 2007 Low Impact Development Stormwater Management Grants  
Program, Offer and Applicant List**

To Interested Persons:

I am pleased to provide you with the enclosed state fiscal year 2007 (FY 2007) Offer and Applicant List for the Low Impact Development Stormwater Management Grants Program. This list identifies projects for funding and projects we were unable to fund according to priority ranking criteria published on our Web site last July.

All projects offered funding reflect the highest priority water quality projects for the state of Washington. A focus sheet that describes the process in greater detail follows this letter.

If you have questions about this program, please contact Dan Filip at 360-407-6509.

We look forward to working with local governments on these important water quality projects and appreciate your dedication to propose and conduct projects designed to improve and protect the quality of our state's waters.

Sincerely,

David C. Peeler  
Water Quality Program Manager

DCP:JWN:kh

Enclosure





# Focus on **Grants Offered for Low Impact Development for Stormwater Management**

from Ecology's Water Quality Program

## **A Pilot Grant Program to Support Low Impact Development Stormwater Management in Puget Sound**

The department of Ecology's Water Quality Program is pleased to announce that \$2,500,000 in grants have been offered to ten local governments. The money comes from the FY 2007 Low Impact Development Stormwater Management Grants Program. The 2006 Legislature authorized and appropriated these funds through its Supplemental Budget for the state and is an integral part of the Governor's Puget Sound Initiative.

The purpose of this pilot program is to provide grants to local governments in the Puget Sound Basin to help them meet critical stormwater management needs to protect and restore water quality. The grants will fund innovative, low impact development (LID) stormwater management projects.

### **Substantial interest in program throughout Puget Sound**

A total of 28 local governments in the Puget Sound Basin submitted grant requests totaling \$10.2 million for various types of LID techniques.

### **Program goals and evaluation of proposals**

The grant program encourages all new development to minimize changes to the natural hydrology and provide protection of water quality. Ecology gave priority based on the degree to which an applicant proposes to use LID to provide natural hydrology. Goals for retrofit projects are to provide significant improvement to site hydrology and water quality. Project proposals were ranked according to the following criteria:

- Water quality protection, restoration, and other positive impacts
- Overall quality of project proposed and likelihood of success
- Usefulness of project outcomes for other environmental efforts
- Readiness to proceed

### **Applicant responsibilities**

Applicants offered funds have until November 30, 2006, to provide a Notice of Intent to negotiate and sign an agreement with Ecology (an example is available at the Web page link below). These applicants must sign a grant agreement as soon as possible, but no later than March 30, 2007.



Examples of innovative, LID projects include permeable pavement; bioretention swales, slopes, or cells; rain gardens; vegetated roofs; and reverse-slope-sidewalk rainwater harvest projects. All projects are aimed at water quality protection and improvement of habitat such as that of the endangered species.





**Examples of projects offered grant funds include the following:**

**Snohomish County** will use a variety of LID improvements at Snohomish County's Evergreen State Fairground site in Monroe. The county will implement the following LID practices: porous pavement educational display, rain gardens along parking lot/ride areas and FFA display area, bioretention planter box at 4H/FFA Building and Sheep Barn, multiple LID improvements in Longhouse and Courtyard Stage areas. These improvements aim to reduce stormwater runoff and improve water quality by retrofitting an older site that was developed with large amounts of impervious surface. These improvements are to provide an excellent opportunity for public education.

**The city of Poulsbo** will improve motorized and pedestrian safety on a 1,900 foot segment of Caldart Avenue. LID elements consist of 2,200 feet of porous concrete sidewalks, 800 feet of bioretention swales, a traffic island bioretention cell, an on-site educational panel, and monitoring.

**The city of Port Angeles**, in partnership with the North Olympic Building Association, proposed to design and install an LID streetscape for a new 18-lot development. The LID elements will provide enhanced bioretention of stormwater runoff and function together with the other LID practices implemented on the individual lots. The project will demonstrate to local builders, developers, engineers, and students on how new residential development can minimize changes to natural hydrology, retain and infiltrate water on site, provide water quality protection, and be aesthetically attractive.

**Program information**

The program guidelines, the application, and the evaluation criteria for the program were available on July 14, 2006, at the Web site noted above. Ecology held two application workshops in mid July and applicants were given until September 15, 2006 to submit applications.

Ecology's LID Web page is:

<http://www.ecy.wa.gov/programs/wq/funding/NewLowImpactProgram.htm>

Circulating information about project outcomes is of utmost importance to the program. Project results will be made available in low impact development newsletters and at conferences, site tours, and local forums. The information will be posted on local Web pages such as Ecology's Water Quality Stories pages. The results will also be published in EPA's *WaterTalk* and Puget Sound Action Team's newsletter *Sound Waves*.

**For further information on this financial assistance program contact:**

<p>Dan Filip LID Program Lead Water Quality Program Department of Ecology 360-407-6509 E-mail: <a href="mailto:dfil461@ecy.wa.gov">dfil461@ecy.wa.gov</a></p>	<p>Emily Morris Financial Manager Water Quality Program Department of Ecology 360-407-6703 E-mail: <a href="mailto:emar461@ecy.wa.gov">emar461@ecy.wa.gov</a></p>	<p>Ed O'Brien LID Engineering Lead Water Quality Program Department of Ecology 360-407-6438 E-mail: <a href="mailto:eobr461@ecy.wa.gov">mailto:eobr461@ecy.wa.gov</a></p>
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## FY 2007 Final Offer and Applicant List Development Process

The Offer and Applicant List represents the culmination of the fiscal year 2007 (FY 2007) funding cycle process for the distribution of water quality funding from the FY 2007 Low Impact Development Stormwater Management Grant Program. The grant program was initiated during 2006, immediately after the Legislature authorized and appropriated funds for this new program.

### How Ecology chose to offer grants to applicants

#### Evaluation criteria and process

A total of five evaluators from Ecology and the Puget Sound Action Team scored all projects based on the application information submitted by the local governments.

The following table outlines the four criteria and weighting percentages<sup>1</sup> evaluators used to score project proposals:

#### **Water Quality Protection, Restoration, and Other Positive Impacts (20%)**

Applicants show how the project addresses identified water quality issues, including both water quality and quantity, as applicable, issues in the watershed. Applicants explain how the project will meet the goals to either minimize hydrologic modification for new construction projects or improve hydrology for retrofit projects.

#### **Overall Quality of Project Proposed and Likelihood of Success (30%)**

Applicants identify outcomes and milestones and explain the environmental benefits the project will likely achieve. Proposals are to have a clear scope of work and project plan and identify the project team. The applicants explain their ability to meet flow control objectives, if applicable. However, this criterion is not assigned points because it does not pertain to all proposals.

#### **Usefulness of Project Outcomes for Other Environmental Efforts (30%)**

Proposals should address community outreach measures. Applicants explain the potential for the local government to incorporate LID techniques into regular practice. Applicants are asked to discuss the local partnerships established that will contribute to continued LID project implementation. Applicants identify methods for distribution of project information and results supporting LID, both within and outside the local community. Applicants describe the use of a variety of LID practices, if applicable. However, this criterion is not assigned points because it does not pertain to all proposals.

#### **Readiness to Proceed (20%)**

Applicants demonstrate their ability to move forward and complete the project. They explain the steps taken to have the design approved and to have the construction bid contract shortly after the Offer and Applicant List is issued. Applicants outline their approaches to ensure speedy project completion.

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<sup>1</sup> Details with sub-criteria and potential evaluation points available are in the Application, which is available at: <http://www.ecy.wa.gov/programs/wq/funding/NewLowImpactProgram.htm>

## **Background**

### **Overview and purpose of the program**

The 2006 Washington State Legislature appropriated \$2.5 million from the State Toxics Account to fund this pilot program. The purpose of this program is to provide grants to local governments in Puget Sound to develop innovative, low impact development (LID) stormwater management projects. The financial assistance is intended to help local governments meet critical stormwater management needs that protect and restore water quality.

LID is a relatively new engineering design approach for stormwater management coupled with comprehensive land planning. LID practices try to maintain or enhance the pre-development hydrologic flow of an urban or developing watershed. As stormwater regulations become more stringent, the need to finance the high capital cost of stormwater infrastructure and meet National Pollutant Discharge Elimination Permit System (NPDES) requirements increases the community's burden. However, the LID approach is an environmentally sound and economically sustainable approach to address many stormwater management needs.

### **Eligible recipients**

All projects must have a positive impact on Puget Sound or its tributaries. The following local governments within the 12 Puget Sound counties (Whatcom, San Juan, Skagit, Snohomish, Island, King, Pierce, Thurston, Mason, Kitsap, Jefferson, and Clallam) are eligible recipients:

- Cities
- Towns
- Counties
- Water-sewer districts
- Public utility districts
- Port districts
- Irrigation districts
- Conservation districts
- Flood control districts
- School districts\*

Any other municipal corporation, quasi-municipal corporation, or other political subdivision authorized to levy special benefit assessments for sanitary or storm sewage systems, domestic water supply or distribution systems, or road construction or improvement purposes are also eligible recipients.\*\*

\* For purposes of the FY 2007 Program, Ecology includes school districts.

\*\* Derived from Title 84 RCW, Property Taxes, available at:  
<https://apps.leg.wa.gov/RCW/default.aspx?cite=84.33.035>

## Eligible project activities

The following list shows eligible project elements. Other elements related to the LID program may be eligible if in accordance with the program purpose and the negotiated agreement.

- Permeable pavement, vegetated roofs, rainwater harvest, reverse slope sidewalks, minimal excavation foundations, bioretention (rain gardens), and dispersion.
- LID techniques consistent with the *Low Impact Development Technical Guidance Manual for Puget Sound*, which can be found at:  
[http://www.psat.wa.gov/Publications/LID\\_tech\\_manual05/LID\\_manual2005.pdf](http://www.psat.wa.gov/Publications/LID_tech_manual05/LID_manual2005.pdf)
- Design, installation, and monitoring costs for new LID construction or existing facilities that are redesigned or retrofitted with LID elements.

## Process for those offered grant funds

All applicants offered funds will have until November 30, 2006, to provide a Notice of Intent to negotiate an agreement with Ecology (example appended).<sup>2</sup> Applicants must sign a grant agreement as soon as possible, but no later than March 30, 2007. A negotiation meeting should be scheduled with Ecology's project manager, identified in the grant offer letter, within one month of the date of the offer letter.

Applicants offered funds (see table below) are subject to eligibility determinations, some of which are identified in the offer letter. However, as applicants negotiate the grant agreement with the Department of Ecology (Ecology), other eligibility issues may also be identified.

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<sup>2</sup> For those applicants offered funding who do not submit a notice of intent their grant offer will go to the next highest applicant on the Offer and Applicant List. Ecology will issue a second round of additional offers, as needed, by December 31, 2006. The second round of applicants need to sign Letters of Intent to Ecology by February 15, 2007, and sign their agreements by June 30, 2007.

FY 2007 Low Impact Development Stormwater Management Grants Program Offer and Applicant List, October 27, 2006

Applica. Number	Applicant Name	County	Project Title	Average Evaluation Score	Ecology Grant Request	Amount Offered	Footnotes
LD07006	City of Port Angeles	Clallam	Future Builder's LID Streetscape	791	\$109,242	\$109,242	
LD07010	City of Poulsbo	Kitsap	Caldart Avenues Stormwater LID Project	790	\$263,000	\$263,000	
LD07001	City of Issaquah	King	Rainier Boulevard LID Street Improvements	783	\$140,000	\$140,000	
LD07012	City of Olympia	Thurston	Decatur Street LID Demonstration Project	782	\$352,750	\$352,750	
LD07016	Snohomish County	Snohomish	Evergreen State Fairgrounds LID Improvements	782	\$323,400	\$323,400	
LD07014	City of Redmond	King	Grass Lawn Park Phase II	773	\$469,200	\$469,200	
LD07013	Kitsap County Consolidated Housing Authority	Kitsap	Parking Lot Retrofit	765	\$77,550	\$77,550	
LD07024	City of Bremerton	Kitsap	Bremerton Blueberry Park & Urban Gardens	757	\$195,170	\$195,170	
LD07004	King County	King	Military/272nd Intersection Improvement	750	\$424,375	\$424,375	
LD07007	Bainbridge Island School District #303	Kitsap	Bainbridge High School Stormwater Controls	742	\$578,165	\$145,313	1
LD07028	Peninsula Metropolitan Park District	Pierce	Sehmel Homestead Park	738	\$325,000	\$0	
LD07015	City of Bellingham - Public Works	Whatcom	The Art of Stormwater Management	737	\$316,130	\$0	
LD07023	Kitsap County	Kitsap	Kitsap Parks Pervious Paved Trails	735	\$812,260	\$0	
LD07003	City of Snoqualmie	King	Snoqualmie Point Viewpoint Park LID	734	\$229,900	\$0	
LD07017	Kitsap Transit	Kitsap	Harper Church Park & Ride	722	\$500,000	\$0	
LD07026	Mason Conservation District	Mason	Road Ditch line Biofiltration Systems (RDBS)	722	\$222,467	\$0	
LD07025	Port of Bremerton	Kitsap	Kitsap SEED Project	707	\$587,000	\$0	
LD07020	City of Kirkland	King	122nd Ave NE LID Pedestrian/Street	706	\$382,000	\$0	
LD07019	City of Seattle Department of Parks & Recreation	King	Cesar Chavez Park	705	\$83,000	\$0	
LD07022	City of Bellevue	King	Mercer Slough Environmental Education Center	686	\$800,000	\$0	
LD07002	City of Burien	King	Burien Town Square Rain Garden	652	\$250,000	\$0	
LD07005	City of Seattle	King	Greenwood Environmentally Friendly Sidewalks	647	\$350,000	\$0	
LD07027	Edmonds School District #15	Snohomish	New Lynnwood High School	647	\$429,954	\$0	
LD07009	City of Everett	Snohomish	Lowell Riverfront Trail LID Parking Lot	623	\$400,000	\$0	
LD07018	City of Bonney Lake	Pierce	Fennel Creek Trail	623	\$300,000	\$0	
LD07021	Mason County	Mason	Mason County LID Demonstration Facility	614	\$762,000	\$0	
LD07008	Jefferson County Dept. of Community Development	Jefferson	Stormwater Landscaping Demonstration Park	612	\$164,000	\$0	
LD07011	City of Bellingham	Whatcom	Lake Whatcom LID Treatment Park	0	\$328,560	\$0	2
<b>TOTAL GRANT AMOUNT REQUESTED</b>					<b>\$10,175,123</b>		
<b>TOTAL OFFERED</b>					<b>\$2,500,000</b>		3

1. Because of the limit of funds available this applicant is now slated to be offered partial funding to proceed with the project or subset of the project evaluated.

2. Evaluators determined this project was ineligible for LID funding because the proposed project was considered to be "conventional" rather than LID technology. This determination was based on consistencies with LID techniques noted in the *Low Impact Development Technical Guidance Manual for Puget Sound*, which is available at: [http://www.psat.wa.gov/Publications/LID\\_tech\\_manual05/LID\\_manual2005.pdf](http://www.psat.wa.gov/Publications/LID_tech_manual05/LID_manual2005.pdf)

3. Amount appropriated by the 2006 Legislature for the pilot program: *FY 2007 Low Impact Development Stormwater Management Grant Program*.

## Project Descriptions of All Proposals Submitted for Low Impact Development Stormwater Management Funding Consideration

- FP07001 City of Issaquah** The applicant proposes to use pervious pavement and rain gardens that will infiltrate and treat stormwater along 790 feet of downtown Rainier Blvd N., which is located in a critical aquifer protection area and salmon bearing stream basin. These LID components are part of a current street improvement project budgeted for construction in 2006, but is delayed pending the outcome of this grant proposal. With the proposed LID redesign this project can begin construction by January 2007.
- FP07002 City of Burien** Located in the downtown core, Burien Town Square is an 8-acre, mixed-use, redevelopment project that will provide over 400 residential units, retail and commercial space, new 55,000 square foot City Hall and King County Regional Library, and a 1.2-acre central park. The proposed Rain Garden Project will construct a conveyance system that will direct street and rooftop stormwater runoff to a 20,500 cf. vegetated facility, which will infiltrate 80 percent of the runoff. As a result, the existing flow of stormwater runoff will reduce from 2.8 cfs. to approximately 0.4 cfs. This reduction of runoff into the stormwater system will ultimately benefit Miller Creek, a salmon bearing stream located approximately 1 mile from the project site. The Town Square Park rain garden will be a prominent feature, displaying the benefits of low impact development to the public and development community.
- FP07003 City of Snoqualmie** LID features at the new Snoqualmie Point Park will demonstrate innovative and effective stormwater management techniques to a wide and diverse public. The dramatic and sweeping scenic views from this 8.5 acre, open space park will attract thousands of people from Washington state and beyond. LID elements include a pervious pavement entry road and parking area with a rock lined swale, rain garden, and environmental restoration of native plants and grasses for dispersal of stormwater.
- FP07004 King County** This proposal supports the application of two LID technologies-a bioretention area and porous cement concrete-on a transportation intersection improvement project at Military Road South and South 272nd. Intersections have higher pollution generating surfaces compared to adjacent roadway sections because of the greater amount of vehicle stopping and idling time, which contributes to heavy metals and hydrocarbons in stormwater runoff. King County is applying for grant money to help fund the LID portion of this project, which includes the construction of the bioretention area, installation of porous sidewalks, LID educational outreach programs, and long-term monitoring and maintenance.
- FP07005 City of Seattle** Final design and construction of a natural drainage system along the west side of existing residential streets in the Piper's Creek Basin. There is no formal drainage or sidewalk system in the neighborhood and stormwater flows from the roadway (PGIS) flow uncontrolled to Piper's Creek, a salmon bearing stream. The natural drainage system will not only capture suspended solids, heavy metals, and total petroleum hydrocarbons but will also maximize infiltration in existing right-of-way and mitigate the peak flows currently entering the creek.

- FP07006 City of Port Angeles** The City, in partnership with the North Olympic Building Association, proposes to design and implement an LID streetscape for a new 18-lot development. The LID elements will provide enhanced bioretention of stormwater runoff and function together with the other LID practices implemented on the individual lots. The project will demonstrate to local builders, developers, engineers, and students how new 4 LD07004 King Military/272nd Intersection Improvement \$424,375
- FP07007 Bainbridge Island School District** The project will replace an existing 35,000 square foot building with a new two-story 70,000 square foot building that will house administration and student services, library, commons, food service, and classroom to serve a student population of 1,450 to 1,500. This project will implement rain gardens, construct green roofs, install downspout dispersal areas, and add soil amendments. These practices will reduce pollutant loading and reduce 57 – 75 % of the impervious surfaces on the site.
- FP07008 Jefferson County Department of Community Development** The primary goal of this project is to redirect the stormwater runoff from the roof and parking area of the County Department of Community Development (CDCD) office building and infiltrate that water using bio-retention features, while demonstrating how to landscape for stormwater treatment using LID techniques. The park will have permeable paver pathways to each of the bio-retention features with educational signage. The CDCD will erect an informational kiosk with a green roof and pier pin foundation to display LID techniques and landscaping for stormwater treatment.
- FP07009 City of Everett** The City proposes to construct a 24,000 square foot pervious concrete (perco-crete) parking lot with an adjacent rain garden along the riverside perimeter at the Lowell River Front Trail Park.
- FP07010 City of Poulsbo** This project will improve motorized and pedestrian safety on a 1,900 ft. segment of Caldart Avenue in the city of Poulsbo. LID elements consist of 2,200 ft. of new, 5.5 ft. wide, porous concrete sidewalks, 800 ft. of bioretention swales, a traffic island bioretention cell, an on-site educational panel, and monitoring.
- FP07011 City of Bellingham** This project uses techniques to deal with a significant water quality issue in the city of Bellingham. The project area is within the Lake Whatcom watershed, the drinking water source for approximately 85,000 people. This project aims specifically at the phosphorous/dissolved oxygen issue for the lake by retrofitting runoff from existing single-family subdivisions. This project will take stormwater runoff from a development and route it into a stormwater treatment system and use a soil mix and plants in order to reduce phosphorus in the discharge. (Special note: This project proposal was considered to represent a “conventional” rather than LID technology and was not considered as an eligible project).
- FP07012 City of Olympia** The City proposes to construct and quantitatively compare three innovative LID street designs on Decatur Street in West Olympia. Each design provides stormwater flow control and treatment within the existing right-of-way using different types of pavement sections.

- FP07013 Kitsap County Consolidated Housing Authority** The existing stormwater drainage system at the Poplars Apartments, owned by the Kitsap County Consolidated Housing Authority (KCCHA), discharges untreated stormwater directly into an unnamed piped perennial creek. This project proposes to retrofit the parking lot with bioretention cells and compost amended vegetated filter strips, which will significantly improve stormwater quality. The project will educate watershed residents, developers, and commercial property owners about concerns and benefits of parking lot retrofits
- FP07014 City of Redmond** The Grass Lawn Park is a 28.5 acre park located on the headwaters of a branch of Peters Creek. The city of Redmond proposes improvements to two acres of the park, including a new pavilion, maintenance building, play areas, and walking paths. Approval of this grant will give the city the opportunity to incorporate several LID techniques such as rain gardens, tree retention, permeable concrete, interpretive signage, open channel conveyance, and green roofs.
- FP07015 City of Bellingham - Public Works** The new Art and Children's museum will be a prominent, high profile and prestigious attraction built in the heart of Bellingham within the Whatcom Creek watershed. When completed, the museum is projected to attract between 86,000-100,000 children and students annually. Funding from this proposal will add the following LID elements to the museum: 3,000 square foot public accessible green roof, over 6,000 square feet of porous concrete to the courtyard and the truck access area, approximately 1,300 square feet of bioretention cells in the courtyard, and a public education campaign.
- FP07016 Snohomish County** This project consists of a variety of LID improvements at Snohomish County's Evergreen State Fairground site in Monroe. The County will implement the following LID practices: porous pavement educational display, rain gardens along parking lot/ride areas and FFA display area, bioretention planter box at 4H/FFA Building and Sheep Barn, multiple LID improvements in Longhouse and Courtyard Stage areas. These improvements aim to reduce stormwater runoff and improve water quality by retrofitting an older site that was developed with large amounts of impervious surface. These improvements are aimed to provide an excellent opportunity for public education.
- FP07017 Kitsap Transit** The applicant would expand an existing 122-stall park and ride lot at Harper Evangelical Church near the Southworth Ferry Dock in South Kitsap County by adding 515 new stalls. Pervious pavement, bioretention techniques, construction of an interpretive signage at bus shelters, and education/outreach components are part of this project. This park and ride is a hub for serving Washington Department of Transportation's Southworth Ferry Terminal and provides service to commuters traveling to Seattle.
- FP07018 City of Bonney Lake** The City proposes to construct a 10 ft.-wide, 1-mile long permeable pavement, reverse-slope sidewalks/path, and riparian zone along Fennel Creek Trail. This project will help return hydrology and other water impairments to pre-development levels and retain the natural hydrology and water quality levels along sections of the Trail not affected by development.



- FP07019 City of Seattle** Cesar Chavez Park is a community gathering place and sculpture park at the heart of the South Park neighborhood honoring farmworkers and the humanist deeds of Cesar Chavez. Developed as a partnership between King County, Seattle Parks, and Sea Mar Community Health Centers, the project is located on a small, triangular-shaped property adjacent to Highway 599. In a critical area of the Duwamish basin, on-site stormwater management will reduce the volume of surface runoff entering the Duwamish River providing a much needed demonstration of upland efforts to improve river health.
- FP07020 The city of Kirkland** The City proposes to construct flow control and water quality treatment traffic calming and pedestrian improvements using LID techniques. The project will use pervious pavement, bioretention swales, and soil amendments. The project will reduce flow from the upstream, improve water quality, and provide outreach/education opportunities.
- FP07021 Mason County** The County proposes the incorporation of LID techniques in the design and development of the County's new facility for Public Works and Emergency Management. The facility and associated parking and highway improvements will display innovative stormwater treatment solutions to manage runoff from over 65,000 square feet. LID treatment of stormwater runoff, collection of stormwater for aquifer recharge, and landscaping irrigation will be an integral part of the project. The facility will be used as a demonstration project to train the development community in LID techniques.
- FP07022 City of Bellevue** The project will construct the Mercer Slough Environmental Education Center (MSEEC), an environmental education center located at the Mercer Slough Nature Park. The MSEEC includes approximately 12,000 square feet of building space and associated site features: interpretive displays to increase public awareness, vegetated roofs, wet lab buildings for research and monitoring, ADA tram connection to lower trails, bus drop-off and parking areas that feature bioswales, entry plaza to demonstrate pervious pavement, habitat restoration and constructed wetlands, and other site amenities.
- FP07023 Kitsap County** The County's Public Works and Parks departments will partner in a multiple trails/bike/pedestrian walkways project using LID practices in the construction, pervious asphalt paving for trails, and interpretive signs combined with outreach education efforts.
- FP07024 City of Bremerton** The City's Parks department will employ LID practices in the development of Blueberry Park along walkways and trails using interpretive signs combined with outreach education efforts. The project will use pervious pavement, interpretive signs, rain gardens, green roofs, and other LID strategies.
- FP07025 Port of Bremerton** The Port proposes to develop a 75 acre business/industrial park (Kitsap SEED Project) at its airport on State Highway 3. This grant will help fund two proposed projects: Building & SEED Entry low impact elements and the Kitsap SEED Pod 1 Zero Impact system design.
- FP07026 Mason Conservation District** The District would install a variety of bioretention and treatment ditch systems at each project location, which are stream crossings that flow directly into high priority areas on Oakland Bay and the Hood Canal. These systems will immediately provide water quality protection while also providing comparative system performance data for local governments to use in designing future practices. The MCD will monitor to measure and compare system effectiveness in filtering pollutants and slowing the flow of stormwater runoff.

**FP07027 Edmonds School District #15** A new 40 acre Lynnwood High School in unincorporated Snohomish County on a fully forested site is being planned for a construction start in spring 2007. The project features several innovative systems to control stormwater including 3,060 square feet of drainage swales (510 lineal feet in length); a multi-cell open pond, 272,000 cubic feet detention pond; 79,600 cubic feet under-field drainage and detention system at the athletic fields; and a visible piped runnel system for roof runoff. An LID project grant is requested to fund permeable pavers, enhancements to the roof runnel system, educational signage, and costs related to public outreach.

**FP07028 Peninsula Metropolitan Park District** The proposed project involves the creation of an active and passive recreational park within an approximate 98 acre property located in Gig Harbor. The project features the following LID techniques: permeable asphalt/concrete/gravel pave systems, minimal excavation for foundation systems, full dispersion into native vegetation, downspout dispersion, bioretention swales and cells, LID site planning and design, preserving native soils and vegetation, amending soils, limited clearing and grading, educational components, maintenance, reducing impervious surfaces and clustering development, Western Washington Manual for flow control facilities sizing, woodchip trails on-grade and recycled from onsite trees.

## Appendix A: Example Notice of Intent to Sign Grant Agreement

<b>Project Title:</b>		
<b>Applicant Name</b> ( <i>City, Town, or County</i> ):		
<b>Name of Applicant Signatory</b> ( <i>Please Print</i> ):		<b>Signature:</b>
<b>Applicant Staff Contact:</b>		
Name:		
Title:	Telephone Number:	E-Mail Address:
Mailing Address:		

**PROJECT SUMMARY** - *Using one to a few sentences, briefly summarize the project.*

**Total Project Cost** - *full cost of the project:* \$ \_\_\_\_\_

**Ecology Grant Request** - *how much the applicant is eligible to receive:* \$ \_\_\_\_\_

**Where should you send your notice and/or ask questions about this example?**

Emily Morris  
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 P.O. Box 47600  
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