



Preliminary Priority List of Water Quality Grant and Loan Projects

Fiscal Year 2008

Funding program overview

Each year, the Department of Ecology (Ecology) awards millions of state and federal dollars appropriated by the state Legislature to fund water quality projects throughout the state. These funding sources include:

- Centennial Clean Water Grant and Loan Program (Centennial), which receives money from the Water Quality Account (cigarette tax dedicated to water quality), the State Building Construction Account (bonds), and the State Toxics Control Account.
- Federal Clean Water Act, Section 319 Nonpoint-Source Grant Program (Section 319), which is allocated through the General Fund-Federal (federal Environmental Protection Agency [EPA] funds).
- Washington State Water Pollution Control Revolving Fund (SRF) loan program, which is supported by EPA Capitalization grants, state matching funds, and principal and interest repayments.

Ecology accepts applications from cities, counties, tribes, conservation districts, other public entities, and qualified not-for-profit organizations.

To make the application process simpler and more efficient Ecology uses a combined process so that applicants can submit just one application for all of the possible funding sources.

Fiscal Year 2008 preliminary priority list overview

For the state fiscal year 2008 (FY 2008), Ecology received 85 applications (plus the Governor's initiatives, and prior commitments) amounting to more than \$190 million in requests for water quality grant and loan projects. As in past years, there is not enough money for all of the eligible projects, so the Department evaluated and ranked the projects based on the highest-priority needs statewide.

Based on this evaluation and estimates of federal and state funding, Ecology is proposing to fund 41 projects totaling approximately \$82 million. The included table provides a listing of the FY 2008 projects and proposed funding. Project descriptions and a map of project locations are also included.

The final funding levels set by the 2007 Legislature and the final Congressional federal budget (for federal fiscal year 2007) will determine if Ecology is actually able to fund the proposed projects on the FY 2008 list.



Funding priorities

Ecology's integrated funding process involves the leveraging of available funds to maximize state and federal appropriation levels that continue to decline. This process is designed to meet a wide range of water quality priorities across the state that range from stream restoration and protection to the construction of wastewater treatment plant upgrades in small, financially distressed towns, as well as the design and construction of new wastewater treatment plants in large urban areas.

To direct funds to the highest priorities, staff evaluates projects based on rating criteria established in statute, rule, guidelines, and recommendations from other state agencies. The rating and ranking criteria include:

- The overall water quality and public health problem and the proposed solution.
- Water quality impairments to designated uses, such as drinking water, aquatic habitat, shellfish, and recreation.
- Water quality goals and the measures of success (what will be accomplished and how will results be measured).
- Local government initiatives to ensure success, such as other projects accomplished and existing government and public support.
- State or federal mandates the project addresses, such as permit requirements and enforcement orders.
- The applicant's readiness to proceed
- Local priority-setting process—project importance ranked by local watershed groups

Water quality funding sources and distribution

The state Legislature appropriates funds for the Centennial and the SRF through the capital budget and for the Section 319 program through Ecology's operating budget. Legislative appropriation will occur during the spring of 2007 when the Legislature finalizes the 2007-09 biennial budget.

The 2007-09 biennial budget will include water quality funding for two annual state funding cycles: FY 2008 and FY 2009. After accounting for legislative provisos, the biennial appropriation is split approximately in half to make funds available for each annual funding cycle. Funding levels in the second half of the biennium are subject to modifications made by the Legislature in the supplemental budget.

Funds are distributed to projects from each of the three funding programs based on project priority, project type (activity or facility), funding eligibility, and the following funding distribution criteria:

- Centennial Clean Water Program (grants and loans):
 - 1/3 of the funds reserved for nonpoint activities — type projects.
 - 2/3 of the funds reserved for financial hardship community grants for facility construction projects.
 - If funds remain in either the nonpoint or hardship categories, the unused portion can be rolled over to the other category to fund additional projects.

- Section 319 Nonpoint Source Program (grants)
 - 100 percent to nonpoint activity projects to address strategies in the State Water Quality Management Plan to Control Nonpoint Pollution.
- Washington State Water Pollution Control Revolving Fund Program (loans)
 - 80 percent designated for facility projects
 - 20 percent designated for nonpoint source activity projects

FY 2008 preliminary priority list summary

The following is an estimate of funding levels for the FY 2008 funding cycle based on the Governor's proposed 2007-09 biennial budget and Congressional federal budget:

- Centennial Clean Water Program — \$13.8 million available in competitive funds:
 - \$4.6 million (1/3 for nonpoint activity type projects).
 - \$9.2 million (2/3 for financial hardship community grants for facility projects).
- Centennial Clean Water Program — additional funding:
 - \$2.5 million proviso for small community financial hardship grants for facility construction projects.
 - \$3 million proviso to fund a Hood Canal on-site septic system repair and replacement program.
- Section 319 Nonpoint Source Program — \$1.9 million available, subject to Congressional appropriation:
 - \$1.9 million for nonpoint activity projects
- Washington State Water Pollution Control Revolving Fund Program — \$56.3 million available, subject to Congressional appropriation:
 - \$45 million (80 percent designated for facility projects).
 - \$11.3 million (20 percent designated for nonpoint source activity projects).

Based on the above funding levels and the ranked list of projects for FY 2008:

- Six financially distressed communities would receive a combination of Centennial grants, totaling \$11.7 million and SRF loans totaling \$23.6 million, for wastewater treatment facility construction. These communities are:

▪ City of Warden	▪ City of Toppenish
▪ City of Shelton	▪ Coulee City
▪ Town of Friday Harbor	▪ City of Cheney
- Seventeen nonpoint activity projects would receive Centennial grants, totaling \$4.6 million.
- Seven nonpoint activity projects would receive Section 319 grants, totaling \$1.9 million.
- Seven non-hardship communities would receive SRF loans for the planning, design, and construction of wastewater treatment facilities, totaling \$29.7 million.

- Two nonpoint activity projects would receive SRF loans, totaling \$3 million.
- One proviso to fund a Hood Canal on-site septic system repair and replacement program.

Proposed projects address issues such as:

- Wastewater treatment plant upgrades to meet permit requirements including water reclamation and re-use facilities.
- Sewer collection system improvements and combined sewer overflow correction.
- On-site septic system surveys and repair and replacement.
- Water pollution cleanup planning and implementation.
- Riparian (streamside) restoration and implementation of agricultural best management practices.
- Stormwater management planning and implementation, public information and education.
- Groundwater protection.
- Water quality data collection and monitoring.

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FY 2008 Preliminary Priority List, project location map, and project description list follow this page

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**Fiscal Year 2008 Preliminary Priority List of Water Quality Grants and Loans
Centennial Clean Water Fund (Centennial), Clean Water Act - Section 319 Nonpoint Source Fund (Section 319),
and Washington State Water Pollution Control Revolving Loan Fund (SRF)**

Application Number	Applicant Name	Project Title	Rank	Local Priority Points	Total Points	Grant Funds Requested	Loan Funds Requested	Proposed Centennial Funding	Proposed Section 319 Funding	Proposed SRF Funding	Loan Term (yrs)	Loan Interest Rate	Foot note
FP08EPG01	Spokane County/City	Spokane Rathdrum Prairie Aquifer	N/A			\$5,000,000		\$5,000,000					1
FP08SP01	Hood Canal Coordinating Council	Hood Canal On-Site Sewage System Repair Program	N/A			\$3,000,000		\$3,000,000					2
FP08C07004	King County DNR - WwT Div.	Brightwater Marine Outfall	N/A				\$4,002,626			\$4,002,626	20	3.1	3, 14
FP08C07026	Warden City of	Warden Water Reclamation Facility (Hardship)	N/A			\$2,309,717	\$8,822,000	\$2,309,717					4, 6
FP08029	King County DNR - WwT Div.	Carnation Wastewater Treatment Facility	1	90	844.0		\$14,085,238			\$14,085,238	20	3.1	14
FP08015	Shelton, City of	Goldsborough Creek Sanitary Sewer Improvements (Hardship)	2	90	832.5		\$2,919,500	\$911,839		\$2,007,661	20	0	5, 14
FP08059	Mason County	Belfair Water Reclamation Facility Design	3	80	800.0		\$3,033,500			\$3,033,500	20	3.1	14
FP08035	Palouse Conservation District	NF Palouse River TMDL Implementation Project	4	100	778.0	\$249,750			\$249,750				

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FP08079	Clark Conservation District	Rural Living for Clean Water	5	100	773.0	\$219,000			\$219,000				
FP08007	Jefferson County Public Health	Hood Canal Clean Water Project	6	100	763.0	\$434,646			\$434,646				
FP08050	Bellingham, City of	Bellingham Water Quality & Habitat Improvement	7	90	754.0	\$231,805		\$231,805					
FP08033	Walla Walla County Conservation District	Creating Urban Riparian Buffers (CURB) Program	8	100	750.0	\$225,000		\$225,000					
FP08038	Stevens County Conservation District	LPOR Watershed Implementation Project	9	100	750.0	\$250,000			\$250,000				
FP08064	Stilly-Snohomish Fisheries Enhancement	South Fork Stillaguamish Tributaries Restoration	10	100	742.5	\$245,700			\$245,700				
FP08069	Thurston Conservation District	Henderson/Nisqually Water Quality Improvement	11	100	732.5	\$242,839		\$242,839					
FP08008	Friday Harbor, Town of	Relocate submarine sewer interceptor (Hardship)	12	0	725.5		\$5,692,000	\$2,846,000		\$2,846,000	20	0	5, 14

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FP08077	Clark Public Utilities	East Fork Lewis River-Reach 6 Riparian Restoration	13	100	717.5	\$250,000		\$250,000					
FP08014	Shelton, City of	Basin 5 Sewer Rehabilitation Design	14	80	716.5		\$1,000,000			\$1,000,000	20	3.1	14
FP08018	Lincoln County Conservation District	Lincoln County Implementation Project	15	100	715.5	\$249,750		\$249,750					
FP08071	Central Klickitat Conservation District	Little Klickitat Temperature TMDL Implementation	16	100	701.5	\$250,000		\$250,000					
FP08084	Nooksack Salmon Enhancement Association	Fishtrap Creek Riparian Restoration Project	17	80	701.5	\$250,000			\$250,000				
FP08024	Airway Heights, City of	Airway Heights Wastewater Treatment, Reclamation, and Recharge	18	100	695.5		\$1,341,800			\$1,341,800	20	3.1	14
FP08073	Kitsap County Health District	Jump Off Joe Creek Restoration	19	100	687.0	\$248,665		\$248,665					
FP08030	Stewardship Partners	Snoqualmie Stewardship Program	20	80	685.0	\$249,990			\$249,990				

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FP08001	Snohomish County Public Works	North Fork Stilly Big Trees	21	90	673.1	\$327,188		\$327,188					
FP08006	Jefferson County Public Health	Discovery Bay Clean Water Project	22	90	666.0	\$495,638		\$495,638					
FP08037	Stevens County Conservation District	The Wedge Project	23	100	654.0	\$237,500		\$237,500					
FP08004	Island County Planning Department	Holmes Harbor Bacteria Source Identification/Remedy	24	100	641.5	\$288,000		\$288,000					
FP08034	Chelan County Conservation District	Wenatchee TMDL Project	25	100	635.5	\$250,000		\$250,000					
FP08070	Eastern Klickitat Conservation District	WRIA 31 Water Quality Remediation and Assessment	26	100	632.5	\$250,000		\$250,000					
FP08011	Whidbey Island Conservation District	Whidbey LID Stormwater Remediation Project	27	80	632.0	\$332,250		\$332,250					
FP08013	Shelton, City of	Shelton WWTP Improvements Design	28	70	622.0		\$1,390,850			\$1,390,850	20	3.1	14

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FP08065	Whatcom Conservation District	Drayton Harbor CREP Augmentation Initiative	29	70	621.5	\$150,000		\$150,000					
FP08031	Olympia, City of	East Olympia Groundwater Quality Protection	30	90	610.0	\$500,000		\$500,000					
FP08056	Walla Walla County CD	Steambank Restoration and Site Survey: Touchet River	31	90	609.5	\$101,000		\$54,699					7
FP08068	Thurston Conservation District	Henderson Stream, Students and Stormwater	32	80	608.5	\$145,250							8
FP08045	Lake Stevens Sewer District	Sunnyside Wastewater Treatment Facility (Construction)	33	100	605.5		\$60,183,500			\$4,724,795	20	3.1	9
FP08067	Snohomish Conservation District	Island County Agricultural BMP Project	34	90	601.5	\$301,275							8
FP08075	Olympia, City of	Septic Connection Assistance Loan Program	35	70	601.5		\$250,000			\$250,000	20	3.1	14
FP08060	Granite Falls, City of	Wastewater Treatment Plant Expansion	36	70	590.0		\$1,300,000						11

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FP08062	Cowlitz CD / Wahkiakum CD	Forestry Water Quality Improvement Program	37	100	590.0	\$250,000							8
FP08061	Wahkiakum CD / Cowlitz CD	Agriculture Water Quality Improvement Program	38	100	582.5	\$250,000							8
FP08047	Toppenish, City of	Toppenish WWTP Upgrade (Hardship)	39	100	581.5		\$11,967,000	\$3,055,556		\$8,911,444	20	0	5, 14, 15
FP08009	Tapteal Greenway Association	Amon Creek Water Quality and Site Analysis	40	80	580.0	\$46,740							8
FP08019	Underwood Conservation District	White Salmon and Klickitat River Restoration and Monitoring	41	100	577.5	\$126,420							8
FP08066	Coulee City	Coulee City Wastewater Facility Expansion (Hardship)	42	0	564.5		\$869,000	\$504,020		\$364,980	20	0	5, 6, 14
FP08027	Spokane County Conservation District	Nonpoint Phosphate Reduction Program	43	90	563.5	\$250,000							8
FP08052	Whatcom Conservation District	Conservation Program on Agricultural Lands (CPAL)	44	100	559.0	\$250,000							8

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FP08003	Port Angeles, City of	Combined Sewer Overflow Storage Tank	45	90	555.0		\$850,000						11
FP08036	Cheney, City of	Cheney WWTP Expansion (Hardship)	46	80	553.0		\$11,569,000	\$2,039,534		\$9,529,466	20	0	5, 14, 16
FP08010	Samish Water District	Lake Samish Comprehensive Stormwater Plan	47	0	548.5	\$93,765							8
FP08012	Cusick, Town of	Cusick Wastewater System (Hardship)	48	100	548.5		\$1,000,000						8, 11
FP08063	Naches-Selah Irrigation District	North Pleasant Hill Pipeline Project	49	100	546.5		\$2,776,600			\$2,776,600	20	3.1	
FP08074	Mason Conservation District	Urban Runoff Remediation Pilot Demonstration	50	60	539.0	\$179,197							8
FP08005	Franklin Conservation District	Kahlotus Watershed Water Quality Investigation	51	100	530.0	\$139,425							8
FP08055	Clallam County	Biological Impairment Pollution Source Identification	52	100	528.0	\$164,490							8

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FP08076	Nisqually Indian Tribe	Nisqually Watershed Water Quality Investigations	53	100	525.5	\$476,250							8
FP08051	Okanogan Conservation District	Okanogan County Small Farm Implementation	54	90	495.5	\$250,000							8
FP08054	Chelan County	Lake Chelan TMDL Implementation Project	55	100	492.5	\$223,125							8
FP08021	Seattle, City of	Sustainable Communities Study and Urban Design Plan	56	100	489.0	\$300,000							8
FP08022	Benton Conservation District	Star-Grass Harvest for Yakima Restoration	57	90	482.5	\$250,000							8
FP08028	Spokane County Conservation District	TMDL Livestock Improvement Program	58	100	482.5	\$150,000							8
FP08026	Lummi Indian Business Council	S.F. Nooksack Sediment Reduction	59	60	482.0	\$196,828							8
FP08080	Mason County - DoUWM	Rustlewood Wastewater Treatment Improvements (Hardship)	60	100	475.0		\$1,600,000						8, 11

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FP08058	Confederated Tribes of the Chehalis Reservation	Chehalis River Spatial Video Mapping	61	100	473.0	\$174,375							8
FP08081	Pacific Conservation District	Willapa River TMDL Grant	62	100	470.0	\$155,490							8
FP08025	Gig Harbor, City of	Eddon Shore Restoration & Creosote Removal	63	90	469.0	\$363,750							8
FP08057	Town of Eatonville	Town of Eatonville Wellhead Protection	64	90	445.0	\$141,869							8
FP08042	Spokane, City of	Green Streets Pilot Project	65	70	444.5	\$71,550							8
FP08002	Port Angeles, City of	CSO Wet Weather Treatment Facility	66	80	422.5		\$4,100,000						11
FP08043	Spokane, City of	Bio-infiltration System Education Program	67	60	417.5	\$36,000							8
FP08053	Okanogan Conservation District	Okanogan Coordinated Resource Management Implementation	68	100	417.5	\$250,000							8

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FP08078	Ferry Conservation District	Curlew Lake Solar Bee Pilot Project	69	100	413.5	\$250,000							8
FP08041	Spokane, City of	WaterSmart Urban Landscape Program	70	90	412.5	\$84,675							8
FP08039	Spokane, City of	Regional Stormwater Atlas Project	71	80	395.0	\$39,000							8
FP08040	Spokane, City of	Pet Waste Reduction Program	72	50	390.0	\$42,090							8
FP08044	Spokane, City of	Nonpoint Water Quality Monitoring	73	100	372.5	\$93,700							8
FP08023	King County DNR - WwT Div.	Brightwater Influent Pump Station - Offsite Construction	74	100	470.0		\$10,740,000						11
FP08020	Snoqualmie Tribe, Env. and Nat. Resc. Dept.	Cherry Creek Water Quality Study	75	60	279.0	\$7,094							8
FP08072	Lewis County - DoHSS	Lewis County Onsite Sewage Program	76	90	274.5	\$38,340							8

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FP08032	Quincy, City of	Stormwater Drainage Master Plan	77	0	273.5		\$118,000						11
FP08082	Pacific Conservation District	Grayland Cranberry Best Management Practices	78	90	252.5	\$250,000							8
FP08048	La Conner, Town of	Sewer System Evaluation Study for La Conner	79	0	138.5		\$40,000						11, 13
FP08049	Harrington, City of	Wastewater Collection and Treatment (Hardship)	Refi	0			\$771,903						11
FP08083	Grant Conservation District	Well Decommissioning Cost-share Program	Inel	0		\$183,195							12a
FP08017	Snohomish, City of	Phase 1 CSO Improvements	Inel	0			\$6,040,000						12b
FP08016	Snohomish, City of	Waste Water Treatment Plant Upgrade	Inel	0			\$11,700,000						12b
Totals:						\$23,062,331	\$168,162,517	\$24,250,000	\$1,899,086	\$56,264,960			

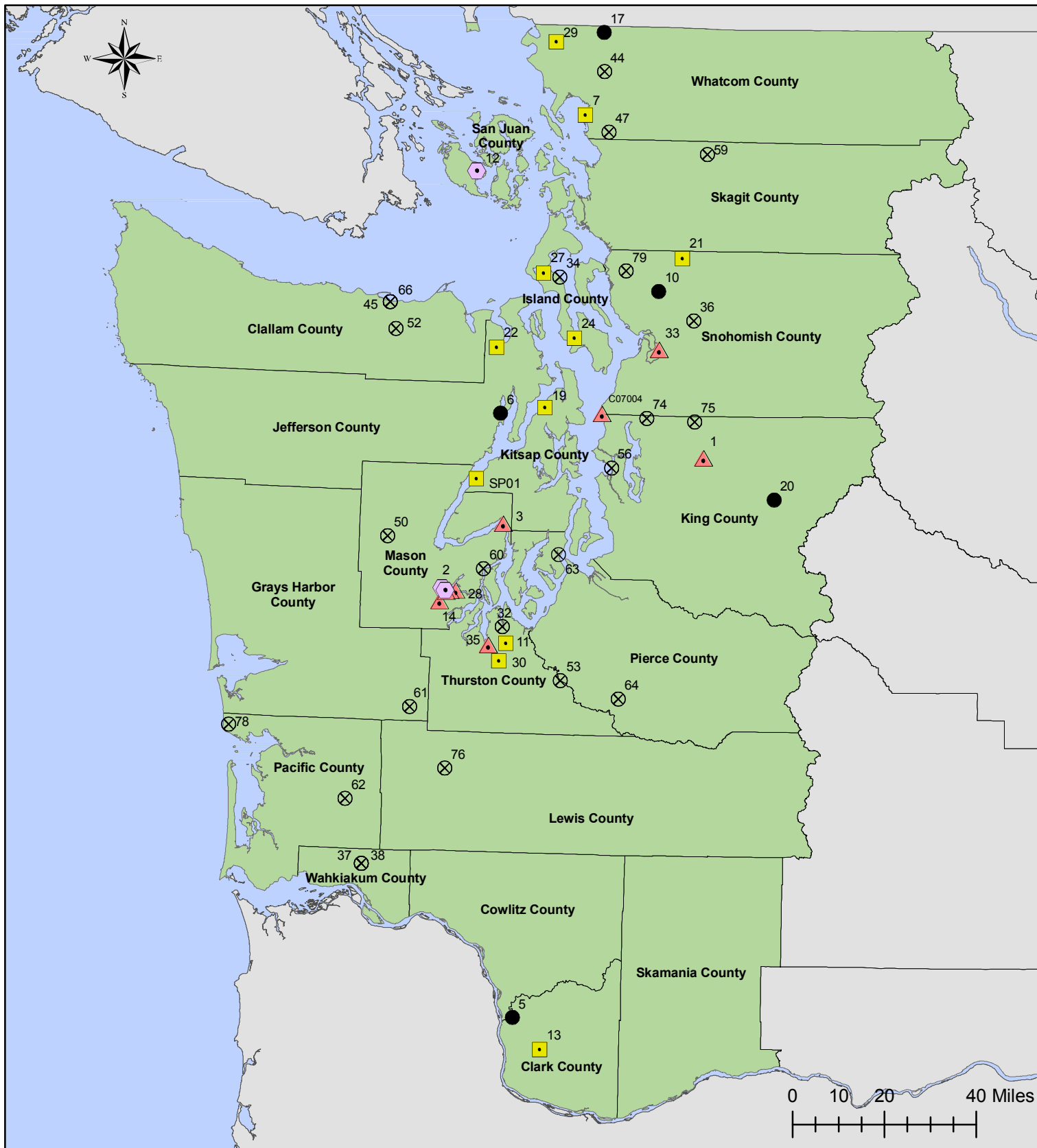
Preliminary Priority List of Water Quality Grant and Loan Projects Fiscal Year 2008

Footnotes:

1. Funds identified through an appropriation proviso under the Centennial Clean Water Program and identified in Governor Christine Gregoire's 2007-09 proposed biennial budget.
2. Special funding identified in Governor Gregoire's 2007-09 proposed biennial budget under Section 3039.
3. The applicant, King County Dept. of Natural Resources, was competitively awarded SRF loan funding of \$23,866,700 under the Alternative Contracting Pilot Rule in the FY 2007 funding cycle. Alternative contracting projects are funded over several years based on a cash flow projection and the \$4,002,626 represents the second year funding request for this project. The applicant was awarded \$947,246 on the FY 2007 Final Offer and Applicant List.
4. The applicant, the city of Warden, was previously determined to meet criteria for financial hardship and awarded \$723,880 in grant funds from Centennial and a zero-percent interest loan with a 20-year term from SRF for its project on the FY 2007 Final Offer and Applicant List. In accordance with Chapter 173.95A WAC, *Uses and Limitations of the Centennial Clean Water Fund*, the City's project is eligible to receive up to a \$3,033,597 hardship grant, thus the remaining commitment of \$2,309,717 in Centennial grant funding is being proposed on this FY 2008 list.
5. The project is eligible for financial hardship in accordance with Chapter 173.98 WAC, *Uses and Limitations of the Water Pollution Control Revolving Fund*, and Chapter 173.95A WAC, *Uses and Limitations of the Centennial Clean Water Fund*, and is identified for a reduced loan interest rate, longer loan term, and partial grant funding.
6. The applicant is proposed to receive grant funds designated for small hardship communities (less than 5,000 population) for its wastewater infrastructure project per Section 3036 of Governor Gregoire's 2007-09 proposed biennial budget.
7. Funds proposed are less than funds requested, because this is the last priority project that can be proposed for funding based on available Centennial dollars reserved for nonpoint activity projects.
8. The applicant requested grant funding, however after higher priority projects were proposed for funding no grant funds remain available.
9. Funds proposed are less than funds requested, because this is the last priority project that can be funded based on available SRF dollars reserved for facility projects.
10. Funds proposed are less than funds requested, because this activity loan project is the last of the priority projects that can be funded based on available SRF dollars reserved for activity projects.
11. The applicant requested loan funding and after higher priority projects were proposed for funding no loan funds remain available.
12. The project was determined to be ineligible for funding consideration and was therefore not rated and ranked:
 - a. Well decommissioning is not a grant eligible activity.
 - b. Technical prerequisites were not met.
13. The applicant requested hardship consideration for this project. Hardship criteria set in rule was not met.
14. In order to be eligible to sign an SRF loan with Ecology a local government must be in compliance with the requirements of Chapter 36.70A RCW, "Growth Management—Planning by Selected Counties."
15. The city of Toppenish was determined to be eligible for a \$4,685,081 hardship grant and a \$7,281,919 SRF loan. Based on funding limitations set in Chapter 173.95A WAC, *Uses and Limitations of the Centennial Clean Water Fund*, where only 1/3 of the available hardship grant funds can be provided to a single applicant, we are only able to offer a \$3,055,556 hardship grant on this FY 2008 list. Based on the grant eligibility for this project, the City will be proposed for the remaining funding shortfall on the FY 2009 list, subject to Legislative appropriation and a reassessment of hardship.
16. The city of Cheney was determined to be eligible for a \$4,118,564 hardship grant and a \$7,450,436 SRF loan. Because there was only \$2,039,534 remaining after proposing to fund higher priority projects, we are only able to offer the City a \$2,039,534 hardship grant on this list. Based on the grant eligibility for this project, the City will be proposed for the remaining funding shortfall on the FY 2009 list, subject to Legislative appropriation and a reassessment of hardship.

Fiscal Year 2008 Preliminary Priority List

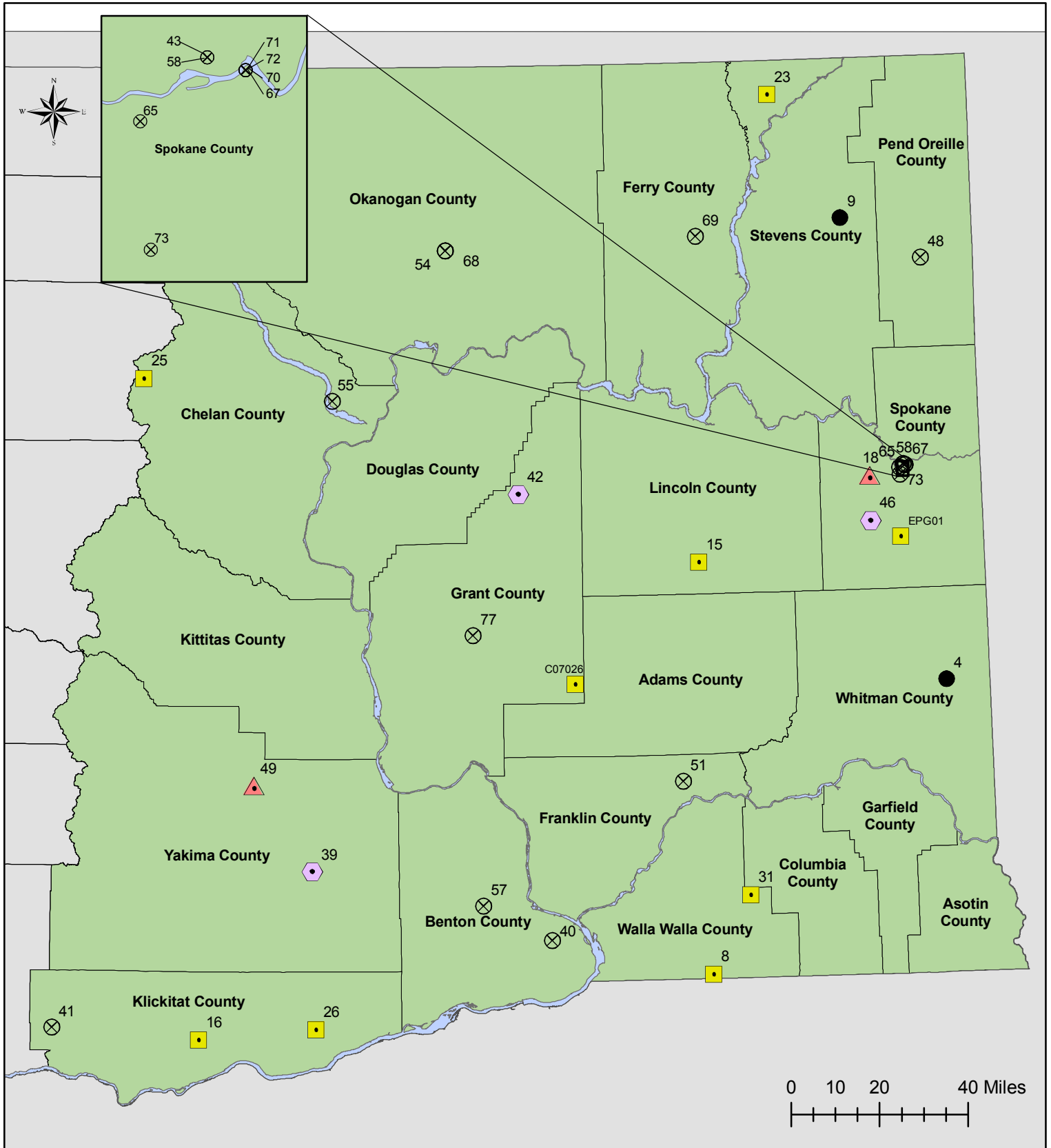
Western Washington Water Quality Grant and Loan Projects



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| ■ Proposed CCWF Funded Projects | ⬡ Proposed Combination CCWF/SRF Hardship Projects |
| ● Proposed Section 319 Funded Projects | ⊗ Proposed Unfunded Projects |
| ▲ Proposed SRF Funded Projects | 12 Project Identified By it's Rank Number |

Fiscal Year 2008 Preliminary Priority List

Eastern Washington Water Quality Grant and Loan Projects



- Proposed CCWF Funded Projects
- Proposed Section 319 Funded Projects
- Proposed SRF Funded Projects
- Proposed Combination CCWF/SRF Hardship Projects
- Proposed Unfunded Projects
- 12 Project Identified By it's Rank Number

Fiscal Year 2008 Project Descriptions

Centennial Clean Water program (Centennial), Clean Water Act - Section 319 Nonpoint Source program (Section 319), and Washington State Water pollution Control Revolving Fund program (SRF)

Rank	Application Number	Applicant Name	Project Title
N/A	FP08EPG01	Spokane County/City	Spokane Rathdrum Prairie Aquifer
The purpose of this project is to reduce on-site sewage disposal systems (on-site septic systems) within the Spokane-Rathdrum Prairie Aquifer Sensitive Area of the Spokane County's sewer service area. It is funded with a special Legislative proviso.			
N/A	FP08SP01	Hood Canal Coordinating Council	Hood Canal On-Site Sewage System Repair Program
Governor's Puget Sound Initiative: Up to \$3,000,000 of the water quality Capital account state appropriation is provided in the grant funding to the Hood Canal coordinating council for use in capitalizing a Hood Canal regional on-site sewage repair and replacement pilot program. A qualified private or nonprofit lending institution shall provide financial assistance for the repair, replacement, or upgrade of on-site sewage systems.			
N/A	FP08C07004	King County DNR - WwT Div.	Brightwater Marine Outfall
The Brightwater Marine Outfall will discharge treated effluent from the Brightwater treatment plant into the Puget Sound at Point Wells (Portal 19). The outfall will extend offshore for approximately 5,200 feet (nearshore and offshore length). Open trench construction will be used through the on-shore and nearshore areas. The pipeline will be placed directly on the seafloor offshore, and the 500-foot diffuser will be installed along with the offshore pipeline at an approximate depth of 600 feet. Design-Build Pilot funding based on cash flow projections are FY07 \$947,246, FY08 \$4,002,626 (Ecology Loan Request value estimated from original FY07 request minus FY07 funding awarded), FY09 \$11,628,181, FY10 \$7,288,247			
N/A	FP08C07026	Warden City of	Warden Water Reclamation Facility (Hardship)
Construction of a water reclamation facility to replace the failing wastewater lagoon system. Construction will include a new influent pump station, headworks, selectors, oxidation ditch, coagulation/flocculation, filter system, ultraviolet (UV) disinfection, and conversion of the current lagoons to recharge basins. Solids handling will include a sludge holding tank and drying beds. Increase in CCWF hardship grant funding will lead to a reduction of the SRF loan from the previous \$7,705,120 down to \$5,395,403 and an increase in total CCWF grant funding from the previous \$723,880 up to the maximum eligible hardship grant funds of \$3,033,597.			
1	FP08029	King County DNR - WwT Div.	Carnation Wastewater Treatment Facility
King County will build and operate a new wastewater treatment facility to serve the City of Carnation and its urban growth area. The facility will provide advanced wastewater treatment using membrane bioreactor (MBR) technology, conveyance pipeline, and discharge facilities. The initial capacity of the treatment plant will be approximately 400,000 gallons of wastewater per day, with a design for expansion to 450,000 gallons per day. The City of Carnation will build and maintain a local sewer collection system to convey wastewater to the new treatment plant.			
2	FP08015	Shelton, City of	Goldsborough Creek Sanitary Sewer Improvements (Hardship)
The Goldsborough Creek Sanitary Sewer Improvements project consists of constructing a new pump station and gravity sewer and force main pipelines. The new facilities will allow the existing exposed sanitary sewer pipelines in the Goldsborough Creek streambed to be abandoned.			
3	FP08059	Mason County	Belfair Water Reclamation Facility Design
The proposed project is for the design of a water reclamation facility and sewer collection system to serve the urban needs of the Belfair Urban Growth Area and to serve part of a Limited Area of More Intense Rural Development where the performance of on-site sewage systems have a high probability of contributing to fecal coliform contamination of Lynch Cove, and are likely contributors to dissolved oxygen problems in Hood Canal.			
4	FP08035	Palouse Conservation District	NF Palouse River TMDL Implementation Project
Water quality of the North Fork Palouse River will be improved through educational outreach, conservation plan development, and implementation of best management practices (BMPs) (fencing, riparian plantings, off-site watering, etc.) that reduce fecal coliform bacteria contributions. Water quality monitoring will be conducted to identify pollution sources, evaluate BMP effectiveness, and measure load reductions.			

Fiscal Year 2008 Project Descriptions

Centennial Clean Water program (Centennial), Clean Water Act - Section 319 Nonpoint Source program (Section 319), and Washington State Water pollution Control Revolving Fund program (SRF)

Rank	Application Number	Applicant Name	Project Title
5	FP08079	Clark Conservation District	Rural Living for Clean Water
Clark Conservation District proposes to give rural and small acreage landowners the knowledge and skills necessary to implement best management practices to reduce pollution of surface waters. The project provides educational workshops, technical assistance, and cost-share to support small acreages in improving water quality in Clark County.			
6	FP08007	Jefferson County Public Health	Hood Canal Clean Water Project
The Hood Canal Clean Water Project has two goals. The first is to address marine water quality degradation caused by failing on-site sewage systems along Hood Canal. The second is to educate homeowners to implement best management practices for on-site sewage systems via operation and maintenance programs and public outreach.			
7	FP08050	Bellingham, City of	Bellingham Water Quality & Habitat Improvement
The Bellingham Water Quality & Habitat Improvement project will implement Total Maximum Daily Load and 4(b) Water Quality Improvement Plan actions on municipal properties in the Lake Whatcom Watershed and five streams within the City limits. Project elements will help identify pollution sources and improve water quality and habitat for Endangered Species Act listed salmonids.			
8	FP08033	Walla Walla County Conservation District	Creating Urban Riparian Buffers (CURB) Program
The project will create urban riparian buffers in backyards on creeks flowing through the cities of Walla Walla and College Place. Project will educate homeowners on the importance of riparian areas, proper waste disposal, and chemical application. Community workshops, technical assistance, and cost share will be methods to achieve outcomes.			
9	FP08038	Stevens County Conservation District	LPOR Watershed Implementation Project
The project will result in the implementation of best management practices (BMPs) to reduce bacteria, stream temperature, and sediment, and also increase dissolved oxygen in the 120,000-acre Little Pend Oreille River Watershed (the largest subwatershed in Water Resource Inventory Area 59). BMPs to reduce bacteria levels will support the Colville River Watershed Fecal Coliform Bacteria Total Maximum Daily Load (TMDL).			
10	FP08064	Stilly-Snohomish Fisheries Enhancement T.F.	South Fork Stillaguamish Tributaries Restoration
The South Fork Stillaguamish Tributaries Restoration project addresses 303(d) listed parameters of temperature and sedimentation by improving water quality and Endangered Species Act listed Chinook habitat through outreach, education, and restoration of 24 acres of riparian area, and also knotweed removal in Category 5 waters of Jim Creek, Canyon Creek, and the North Fork Stillaguamish.			
11	FP08069	Thurston Conservation District	Henderson/Nisqually Water Quality Improvement
Technical and cost share assistance will be delivered to agricultural, shoreline, and riparian landowners to assist them in implementing best management practices (BMPs) that address water quality issues. Education will also be delivered through workshops, tours, public access television, and publications for landowners in the Henderson and Nisqually Watersheds.			
12	FP08008	Friday Harbor, Town of	Relocate submarine sewer interceptor (Hardship)
The existing forty-year-old submarine sewer interceptor line which has a history of major leaks and is the focus of an outstanding Ecology agreed order will be relocated mostly on land, except in areas where it is not practical. Those portions will be replaced with more marine friendly materials.			
13	FP08077	Clark Public Utilities	East Fork Lewis River- Reach 6 Riparian Restoration
This project will look to improve water quality and salmon habitat conditions in East Fork Lewis River. It will enhance and protect streambank conditions by re-establishing vegetation of the riparian corridor, fencing out livestock, re-connecting floodplains, and educating landowners. These are well recognized practices to reduce erosion and runoff and, in the long term, improve water quality in the East Fork Lewis Watershed.			

Fiscal Year 2008 Project Descriptions

Centennial Clean Water program (Centennial), Clean Water Act - Section 319 Nonpoint Source program (Section 319), and Washington State Water pollution Control Revolving Fund program (SRF)

Rank	Application Number	Applicant Name	Project Title
14	FP08014	Shelton, City of	Basin 5 Sewer Rehabilitation Design
Basin 5 Sewer Rehabilitation Project will replace a portion of the deteriorated collection system. The City is under order from the Ecology (#DE 96WQ-S182) to remove Inflow/Infiltration. Sewer manholes surcharging with sewage creates health hazards for shellfish in Oakland Bay, pollution of Goldsborough Creek, and public health concerns for citizens.			
15	FP08018	Lincoln County Conservation District	Lincoln County Implementation Project
Crab Creek watershed water quality will be improved through riparian restoration, exclusionary fencing, and off-stream livestock watering. Demonstration sites will augment public education efforts while water quality monitoring will be done to assess best management practice effectiveness, support Ecology's efforts to determine nonpoint pollution sources, and further Crab Creek total maximum daily load (TMDL) development.			
16	FP08071	Central Klickitat Conservation District	Little Klickitat Temperature TMDL Implementation
Project implements total maximum daily load (TMDL) actions including riparian planting, livestock management, bank stabilization, and public education, as well as assessments to identify and target temperature remediation actions in the Little Klickitat basin. Project implements assessments required to support TMDL development and implements development of water quality (temperature) improvement plan for Swale Creek.			
17	FP08084	Nooksack Salmon Enhancement Association	Fishtrap Creek Riparian Restoration Project
NSEA will improve water quality and salmon habitat in Fishtrap Creek by excluding livestock, establishing riparian buffers, providing education to landowners, and bringing farms into compliance with the Whatcom County Critical Areas Ordinance. Riparian buffers will be enhanced along 15,000 feet of Fishtrap Creek from the U.S./Canada border to Lynden.			
18	FP08024	Airway Heights, City of	Airway Heights Wastewater Treatment, Reclamation, and Recharge
An approximately 1.0 MGD annual average flow wastewater treatment, reclamation, and (groundwater) recharge facility (WTRRF). This facility would consist of: an influent pump station; headworks building with screening, grit removal, flow metering, and odor control systems; biological treatment system with anaerobic basins, anoxic basins, aeration basins, short-term storage basin, secondary clarifiers, associated pumping systems; filtration building with filtration and chemical feed systems; disinfection building with the disinfection system; reclaimed water storage basin; infiltration basins; and dewatering building with the sludge dewatering system for hauling the sludge off-site for disposal. Collection system improvements include approximately 3 miles of force main and two pump stations, and a reclaimed water distribution system consisting of approximately 5 linear miles of reclaimed water force main.			
19	FP08073	Kitsap County Health District	Jump Off Joe Creek Restoration
This project implements the Upper Hood Canal Watershed Action Plan. The Health District will conduct a pollution identification and correction project in the Jump Off Joe Creek watershed to eliminate human and animal waste sources, reduce fecal coliform bacteria concentrations, and eliminate or reduce a shellfish closure zone at the stream's mouth.			
20	FP08030	Stewardship Partners	Snoqualmie Stewardship Program
The Snoqualmie Stewardship Program will improve water quality and restore fish habitat by promoting Best Management Practices and establishing riparian restoration projects using incentive-based tools, such as Salmon-Safe certification and ecosystem service payments, as a means to promote both conservation and economically viable agriculture.			
21	FP08001	Snohomish County Public Works	North Fork Stilly Big Trees
This project supports riparian restoration on over 32 acres (5.4 stream miles) along the North Fork Stillaguamish. Planting strategy will focus on using 3-5 gallon or larger conifer planting stock, which will improve survival and reduce maintenance. Conifers will provide both shade and stream bank stability to accelerate riparian recovery.			

Fiscal Year 2008 Project Descriptions

Centennial Clean Water program (Centennial), Clean Water Act - Section 319 Nonpoint Source program (Section 319), and Washington State Water pollution Control Revolving Fund program (SRF)

Rank	Application Number	Applicant Name	Project Title
22	FP08006	Jefferson County Public Health	Discovery Bay Clean Water Project
<p>The Discovery Bay Clean Water Project is designed to meet two goals. The first is to address the downgrade of commercial shellfish harvesting in a critical growing area. The second is to implement best management practices for on-site sewage systems and agricultural practices throughout the watershed.</p>			
23	FP08037	Stevens County Conservation District	The Wedge Project
<p>Streams in the Wedge flow to the Kettle and the Columbia Rivers. Temperature, dissolved oxygen, and fecal coliform levels often do not meet state standards. The project will use technical and financial assistance, an information and education program, and water quality monitoring to alleviate problems and maintain good water quality.</p>			
24	FP08004	Island County Planning Department	Holmes Harbor Bacteria Source Identification/Remedy
<p>Designated uses within the southern Holmes Harbor drainage basins are threatened by fecal bacteria contamination. Project will identify specific contamination sources within the basin, implement targeted remedies, and assess the effectiveness of these remedies. This project will optimize use of ongoing water quality monitoring program protocols.</p>			
25	FP08034	Chelan County Conservation District	Wenatchee TMDL Project
<p>Chelan County Conservation District will partner with Ecology and Wenatchee Planning Unit to conduct Wenatchee River total maximum daily load (TMDL) activities, to implement water quality component of WRIA 45 Watershed Plan, water quality effectiveness monitoring, education/outreach activities, complete submittals/Detailed Implementation Plans (DIPs), and begin implementing DIPs.</p>			
26	FP08070	Eastern Klickitat Conservation District	WRIA 31 Water Quality Remediation and Assessment
<p>This project will assess water quality and habitat conditions, quantify land use effects on those resources, and identify priority projects to attain restoration goals. Assessment information will support the future development of water quality clean-up plans for the area. Restoration actions previously identified as priority projects will be implemented.</p>			
27	FP08011	Whidbey Island Conservation District	Whidbey LID Stormwater Remediation Project
<p>The project provides education and implementation of low impact development (LID) strategies and pollution control measures for residential landowners in targeted Whidbey watersheds. A combination of strategies are utilized to restore and maintain natural hydrologic functions and implement pollution control measures to reduce stormwater impact contributing to issues of impaired and susceptible waters.</p>			
28	FP08013	Shelton, City of	Shelton WWTP Improvements Design
<p>To provide design requirements to upgrade and expand the Shelton Wastewater Treatment Plant (WWTP) that treats and discharges wastewater to Hamersley Inlet. The design work will address improvements to reduce the current size of the shellfish harvest closure zone, and to maintain or improve current water quality levels.</p>			
29	FP08065	Whatcom Conservation District	Drayton Harbor CREP Augmentation Initiative
<p>Within the Drayton Harbor watershed, project will implement instream and off-channel riparian habitat restoration actions to augment fish habitat benefits of the Conservation Reserve Enhancement Program (CREP). These actions, along with landowner education, will achieve enhanced water quality and fish habitat benefits not achievable through CREP alone.</p>			
30	FP08031	Olympia, City of	East Olympia Groundwater Quality Protection
<p>Nitrate levels are rising in the City of Olympia's Shana Park well. Studies identify fertilizers as a contamination source. This project pilots water wise fertilizing best management practices (BMPs) with residents and lawn care professionals in the Indian Summer subdivision. The goal is to reduce nitrate loading from lawns to the aquifer by 50 percent.</p>			

Fiscal Year 2008 Project Descriptions

Centennial Clean Water program (Centennial), Clean Water Act - Section 319 Nonpoint Source program (Section 319), and Washington State Water pollution Control Revolving Fund program (SRF)

Rank	Application Number	Applicant Name	Project Title
31	FP08056	Walla Walla County CD	Steambank Restoration and Site Survey: Touchet River
Stabilize two actively eroding Touchet River banks by installing large wood structures; conduct site analyses to identify other locations in need of similar treatments; permanently protect site with a conservation easement. This project is the initial phase of the Walla Walla County Conservation District's long-term program to re-establish viable riparian forest buffers throughout the county.			
32	FP08068	Thurston Conservation District	Henderson Stream, Students and Stormwater
Stream and shoreline restoration, care of stormwater ponds, and installation of pet waste stations will be delivered by teachers and students through South Sound Global Rivers Environmental Education Network (GREEN). Education about water quality issues in the Henderson Watershed will be delivered through field trips for students, teacher training events, and a student watershed summit (Congress).			
33	FP08045	Lake Stevens Sewer District	Sunnyside Wastewater Treatment Facility (Construction)
Construction of a new wastewater treatment plant using Membrane Bioreactor technology will allow the District to move the existing, vulnerable, and critical public facility out of the flood plain and concurrently provide capacity for 20 years of growth while improving water quality in the Snohomish River.			
34	FP08067	Snohomish Conservation District	Island County Agricultural BMP Project
Snohomish Conservation District (SCD) and Whidbey Island Conservation District (WICD) will restore and protect water quality in Island County through public outreach, technical assistance, and implementation of Best Management Practices (BMPs) for targeted agricultural landowners and 4-H youth. WICD provides services to Whidbey Island and SCD serves Camano Island.			
35	FP08075	Olympia, City of	Septic Connection Assistance Loan Program
The project's primary goal is to improve water quality in the City of Olympia. Centennial loans will help expand the City's existing Sewer Connection Assistance Loan Program with emphasis on helping financially challenged on-site septic system (OSS) owners and providing incentives for conversion of OSS to sewer service in environmentally-sensitive areas.			
36	FP08060	Granite Falls, City of	Wastewater Treatment Plant Expansion
The project will increase nitrate removal by raising the pH, reduce toxic effects of metals in the wastewater effluent by increasing hardness, increase the capacity of the wastewater treatment facility, and provide redundancy. The project consists of the installation of an alkalinity/hardness adjustment facility, a new clarifier, and expanded ultraviolet (UV) capacity.			
37	FP08062	Cowlitz CD / Wahkiakum CD	Forestry Water Quality Improvement Program
This project provides local land users technical assistance needed to develop and implement forest management plans or individual best management practices (BMPs). Educational assistance is provided to raise new landowner awareness of issues and promote BMPs. Project funds will help establish demonstration areas in cooperation with non industrial forest land owners.			
38	FP08061	Wahkiakum CD / Cowlitz CD	Agriculture Water Quality Improvement Program
Existing assistance programs target large producers. The small farm is as great a concern to water quality. This project provides: technical assistance for conservation plans or best management practices (BMPs); educational assistance targeting new landowner awareness of issues and improved management; and leveraging of cost share from other programs to establish demonstration areas.			
39	FP08047	Toppenish, City of	Toppenish WWTP Upgrade (Hardship)
The City of Toppenish will construct new improvements to the wastewater treatment plant to enable the City to meet the water quality standards including a stringent ammonia limit, established in its new National Pollutant Discharge Elimination System (NPDES) permit by May 2008.			

Fiscal Year 2008 Project Descriptions

Centennial Clean Water program (Centennial), Clean Water Act - Section 319 Nonpoint Source program (Section 319), and Washington State Water pollution Control Revolving Fund program (SRF)

Rank	Application Number	Applicant Name	Project Title
40	FP08009	Tapteal Greenway Association	Amon Creek Water Quality and Site Analysis
Monitor Amon Creek's water quality and conduct a fluvial-geomorphologic and riparian assessment to provide a quantitative analysis of the creek. The new information will provide baseline data, identify levels and sources of water quality impairment, evaluate riparian and channel function, and recommend restoration project priorities.			
41	FP08019	Underwood Conservation District	White Salmon and Klickitat River Restoration and Monitoring
The White Salmon and Klickitat River Restoration and Monitoring project will stabilize the upper reaches of Rattlesnake and Simmons Creeks; will assess effectiveness of previous restoration work on fecal coliform levels in the White Salmon River watershed; and will launch a water quality monitoring program involving area students and educators.			
42	FP08066	Coulee City	Coulee City Wastewater Facility Expansion (Hardship)
Funds are required for construction of additional evaporation lagoons adjacent to the existing wastewater facility. Extra treatment capacity is required to protect public health from annual discharge of sewage into wetlands and Coulee Lake. Funds from USDA RD are available for engineering, land purchase, and preparation of contract documents.			
43	FP08027	Spokane County Conservation District	Nonpoint Phosphate Reduction Program
This project implements a cost-share program for direct seeding systems to reduce phosphate loading. Approximately five landowners/producers and up to 2,000 acres of nonpoint source agricultural land would initially be involved. Phosphate loading reductions will be evaluated for possible pollutant trading.			
44	FP08052	Whatcom Conservation District	Conservation Program on Agricultural Lands (CPAL)
The Whatcom Conservation District (WCD) proposes to provide small acreage landowners with education and technical assistance to reduce pollution to surface waters in Whatcom County. In partnership with Whatcom County and support from local granges and FFA chapters, the WCD will offer workshops, farm tours, site visits, develop farm plan, and distribute educational materials.			
45	FP08003	Port Angeles, City of	Combined Sewer Overflow Storage Tank
This project will provide funds for the design of modifications to an existing tank for the storage of combined sewer overflows. The tank modifications include bottom shaping for drainage, wash down equipment, pumps, control valves, and piping to control storage and flows into and out of the tank.			
46	FP08036	Cheney, City of	Cheney WWTP Expansion (Hardship)
The pollutant loading at the Cheney Publicly-Owned Treatment Works (POTW) is over 100% for TSS and at 95% for BOD5. The City's National Pollutant Discharge Elimination System (NPDES) permit requires the City to take steps to maintain treatment capacity when these parameters exceed 85% of the plant's pollutant loading design capacity. Thus, in accordance with NPDES Permit Section S4.B, and as outlined in the Ecology approved Cheney Wastewater Facility Plan, the Cheney Wastewater Treatment Plant Expansion Project will result in the expansion and/or modification of the plant's biological treatment, disinfection, and biosolid facilities.			
47	FP08010	Samish Water District	Lake Samish Comprehensive Stormwater Plan
This project is intended to improve water quality in Lake Samish by reducing nutrients in stormwater to help control blue-green algal blooms. A hydraulic model will also be developed to provide a management tool for the Lake and for maintaining summer low flow in Friday Creek, a salmonid bearing stream.			
48	FP08012	Cusick, Town of	Cusick Wastewater System (Hardship)
The treatment facility is adequate for 54,000 gpd flow, a reasonable 20-year planning horizon for in-filling, and the new RV Park. The project involves the continuation of the land application system, Inflow & Infiltration (I/I) removal, lift station improvements, slope stabilization, improvements to plant piping, a new disinfection system, and new spray application equipment.			

Fiscal Year 2008 Project Descriptions

Centennial Clean Water program (Centennial), Clean Water Act - Section 319 Nonpoint Source program (Section 319), and Washington State Water pollution Control Revolving Fund program (SRF)

Rank	Application Number	Applicant Name	Project Title
49	FP08063	Naches-Selah Irrigation District	North Pleasant Hill Pipeline Project
Design and implement North Pleasant Hill Pipeline Phases 2A through 5B consisting of 35,000 feet of 6-30 inch pipe. This is part of a multi-phase project to enclose and pressurize four laterals, consisting mainly of wood stave pipe and open canal into one main conveyance lateral and arterial laterals.			
50	FP08074	Mason Conservation District	Urban Runoff Remediation Pilot Demonstration
This demonstration pilot project assumes a holistic approach to focused communities directly affecting Oakland Bay. The Mason Conservation District will assess runoff contaminants and offer preventative options. The monitoring component will provide concrete water quality data before and after initiations. This pilot will be applied to other urban growth areas.			
51	FP08005	Franklin Conservation District	Kahlotus Watershed Water Quality Investigation
This project will identify historical and current water quality conditions in Lake Kahlotus; complete a hydrogeologic investigation identifying ground and surface water connectivity; prepare a management plan identifying pollution sources, listing preventative solutions, and specifying a timeframe for improved water quality; and develop K-12 and public education projects to increase understanding of Lake Kahlotus' water quality and recreational values.			
52	FP08055	Clallam County	Biological Impairment Pollution Source Identification
Total maximum daily loads (TMDLs) for biologically-impaired sites on the 303(d)-List require an additional first step: identification of pollution and/or pollutants causing the biological impairment. Streamkeepers proposes to perform this "stressor identification" using EPA guidance documents, helping Ecology to develop a standardized investigative process, and facilitating or obviating TMDLs at these sites.			
53	FP08076	Nisqually Indian Tribe	Nisqually Watershed Water Quality Investigations
This project will monitor water quality in the Nisqually Watershed over four years by implementing the Nisqually total maximum daily load (TMDL) and the Nisqually Watershed Management Plan. It will also address water quality impacts to ESA-listed salmon species and develop and implement actions to reduce or eliminate the water quality impairment in the watershed.			
54	FP08051	Okanogan Conservation District	Okanogan County Small Farm Implementation
This project will implement Best Management Practices and provide technical assistance to small acreage landowners district-wide; however, priority areas, to target efforts will be based on total maximum daily loads (TMDLs) and on an initial inventory of high impact, animal-dense areas and critical surface water sources. Outreach to landowners will also be a focus.			
55	FP08054	Chelan County	Lake Chelan TMDL Implementation Project
The Lake Chelan Water Quality Committee proposes to implement the Lake Chelan DDT/PCB total maximum daily load (TMDL) through four activities: 1) design of constructed wetlands, 2) groundwater monitoring to evaluate importance of DDT from groundwater, 3) development of Detailed Implementation Plan, and 4) development of comprehensive water quality assessment and implementation plan.			
56	FP08021	Seattle, City of	Sustainable Communities Study and Urban Design Plan
Conduct a sustainable communities study and integrate findings into an urban design and implementation plan. The study will devise far reaching performance targets and neighborhood-scale strategies for achieving the City environmental priorities, including water quality and aquatic habitat. The project will provide a model for Seattle neighborhoods and other municipalities.			
57	FP08022	Benton Conservation District	Star-Grass Harvest for Yakima Restoration
Star-Grass Harvest for Yakima Restoration will reduce water star-grass (Heteranthera dubia) in the lower Yakima River, where it impairs water quality including flow, smothers salmon spawning habitat, threatens irrigation diversions, and limits recreation. This project will protect the upper river ecosystem by retarding upstream invasion by water star-grass.			

Fiscal Year 2008 Project Descriptions

Centennial Clean Water program (Centennial), Clean Water Act - Section 319 Nonpoint Source program (Section 319), and Washington State Water pollution Control Revolving Fund program (SRF)

Rank	Application Number	Applicant Name	Project Title
58	FP08028	Spokane County Conservation District	TMDL Livestock Improvement Program
<p>This project will implement a livestock improvement program in Spokane County. It will fund a full-time position to develop, coordinate, and implement approximately \$150,000 of conservation practices throughout Spokane County. The project will conduct workshops, implement riparian planting, fencing, off-creek watering, and associated cost-share programs.</p>			
59	FP08026	Lummi Indian Business Council	S.F. Nooksack Sediment Reduction
<p>The proposed project will use rock and wood structures to effect channel migration away from the base of several large landslides. This will reduce up to 10% of fine sediment delivery into the South Fork Nooksack and provide for the restoration of habitat for threatened bull trout and Chinook salmon.</p>			
60	FP08080	Mason County - DoUWM	Rustlewood Wastewater Treatment Improvements (Hardship)
<p>To address water quality issues related to excessive Inflow & Infiltration (I/I) during wet weather and aging equipment needing to be replaced, Mason County Department of Utilities and Waste Management proposes the following for the existing Rustlewood wastewater treatment facility, new headworks (bar screen & grit removal), new SBR treatment process, new aerated sludge holding tank, flow equalization, ultraviolet (UV) disinfection, new operations building, new electrical and site work, and a new standby generator.</p>			
61	FP08058	Confederated Tribes of the Chehalis Reservation	Chehalis River Spatial Video Mapping
<p>The Chehalis Tribe will utilize specialized hardware, software, aircraft, and boats to videotape and electronically map the Chehalis River and certain tributaries. This mapping will provide high quality video and geographic data to Chehalis Basin Partnership (CBP) members to be used to identify and prioritize habitat and water quality projects.</p>			
62	FP08081	Pacific Conservation District	Willapa River TMDL Grant
<p>The Willapa River Total Maximum Daily Load (TMDL) Study and the 303(d)-List cited the Willapa for exceeding state water quality standards for temperature, dissolved oxygen, and fecal coliform. Monitoring of these elements will occur over the next two years. Farm plans will be developed and implemented to improve standards in the Willapa River.</p>			
63	FP08025	Gig Harbor, City of	Eddon Shore Restoration & Creosote Removal
<p>City and state agencies (Department of Natural Resources, Washington Department of Fish and Wildlife) would coordinate removal of derelict creosote structures, conduct monitoring, restore beach processes, revegetate with native plants, and use low-impact stormwater strategies (LID). This provides natural resource protection, improves habitat and water quality, corrects existing surface water runoff, and prevents critical habitat degradation from nonpoint pollution.</p>			
64	FP08057	Town of Eatonville	Town of Eatonville Wellhead Protection
<p>The Town of Eatonville obtains most of its drinking water from four wells completed in a shallow alluvial aquifer. The aquifer is vulnerable to contamination from transportation accidents, contamination of nearby surface water, and increasing development in surrounding areas. A Wellhead Protection Plan will help protect the Town's water supply.</p>			
65	FP08042	Spokane, City of	Green Streets Pilot Project
<p>The Green Streets Pilot Project is based on successful "Green Streets" projects in Seattle and Portland. The pilot designs will be modified for the dryer inland climate. Three pilot project locations will be monitored for two years. A successful pilot program may lead to a full-scale Green Streets program.</p>			
66	FP08002	Port Angeles, City of	CSO Wet Weather Treatment Facility
<p>This project will provide funds for the design of a ballasted flocculation system to remove suspended solids from combined sewer overflows. The system will serve as a bypass for flows in excess of the wastewater treatment plant capacity. Effluent from the system would be conveyed to an existing permitted outfall.</p>			

Fiscal Year 2008 Project Descriptions

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Rank	Application Number	Applicant Name	Project Title
67	FP08043	Spokane, City of	Bio-infiltration System Education Program
<p>The drainage systems within Spokane County are dependant on bio-infiltrations systems to improve water quality and collect runoff. This project proposes to provide instruction to private property owners and developers regarding bio-infiltration system operation and maintenance through an educational booklet, an interactive website, and personal site visits.</p>			
68	FP08053	Okanogan Conservation District	Okanogan Coordinated Resource Management Implementation
<p>Staff will assist approximately 27 CRM planning groups by facilitating meetings to identify resource concerns and appropriate best management practices (BMPs), implementation of BMPs and monitoring BMP effectiveness, as well as providing outreach to area residents concerning livestock and water quality issues.</p>			
69	FP08078	Ferry Conservation District	Curlew Lake Solar Bee Pilot Project
<p>In 2004, Curlew Lake was placed on the 303(d) endangered waters list for excessively high phosphorus levels. By installing two solar-powered reservoir circulators (Solar Bee) Ferry Conservation District will disrupt the life cycle of the blue-green algae, which will result in a reduction of organic phosphorus. This project will be the first step in rehabilitating Curlew Lake. It will provide valuable monitoring and study information for future use in other lakes in Washington state with similar chemical imbalances.</p>			
70	FP08041	Spokane, City of	WaterSmart Urban Landscape Program
<p>The Watershed Management Plan supports water conservation and nonpoint sources reduction to restore the water quality of Spokane River and protect the sole-source Spokane Valley-Rathdrum Prairie Aquifer. This program proposes to modify outdoor water use behavior by demonstrating landscape conversion, providing classes, visiting local businesses and distributing educational materials.</p>			
71	FP08039	Spokane, City of	Regional Stormwater Atlas Project
<p>Stormwater education is a key element to protecting the aquifer and improving river water quality. A Regional Stormwater Atlas will affect individual and group behavior towards stormwater and it will be the basis for community support for stormwater projects. The Spokane Valley-Rathdrum Prairie Aquifer is a sole source aquifer.</p>			
72	FP08040	Spokane, City of	Pet Waste Reduction Program
<p>Proper disposal of pet waste represents an important option where individual citizens can contribute to protecting local stream and aquifer quality. The Pet Waste Reduction Program would reduce pet waste entering local stream and ground water by educating the public and encouraging behavior modification for per owners.</p>			
73	FP08044	Spokane, City of	Nonpoint Water Quality Monitoring
<p>The City suspects that a significant amount of nonpoint constituents are reaching the Spokane River from Hangman (Latah) Creek and Little Spokane River. This project proposes to sample the water quality of Hangman Creek and the Little Spokane River during high runoff periods and analyze this data to develop best management practices.</p>			
74	FP08023	King County DNR - WwT Div.	Brightwater Influent Pump Station - Offsite Construction
<p>The Influent Pump Station Project is designed to operate with four, two-stage pumping units to pump 130 mgd to the Brightwater treatment plant (expandable to 170 mgd by 2039). The permanent facilities at the pump station will include an influent structure with wet and dry chambers, the influent pump station building, a generator building, an odor control facility, and a chemicals storage building. Note: This funding request is only for Offsite Construction, including project administration and construction management services.</p>			
75	FP08020	Snoqualmie Tribe, Env. and Nat. Resc. Dept.	Cherry Creek Water Quality Study
<p>The Snoqualmie Tribe and Washington Trout are partnering to conduct a nonpoint source evaluation and water quality sampling for fecal coliform, dissolved oxygen, temperature, pH, and conductivity in a lateral drain to Cherry Creek, a tributary to the Snoqualmie River. This data will help determine the extent of water quality degradation due to land use and guide stream enhancement projects.</p>			

Fiscal Year 2008 Project Descriptions

Centennial Clean Water program (Centennial), Clean Water Act - Section 319 Nonpoint Source program (Section 319), and Washington State Water pollution Control Revolving Fund program (SRF)

Rank	Application Number	Applicant Name	Project Title
76	FP08072	Lewis County - DoHSS	Lewis County Onsite Sewage Program
<p>This project focuses on implementing activities related to onsite sewage system repair and replacement on a county-wide basis. The Lewis County Health Department will identify areas and systems at high risk for failure and carry out Total Maximum Daily Load (TMDL) Cleanup Plan activities such as creating an effective Operation & Maintenance program, designing and conducting public outreach on onsite systems, establishing performance measures, and preparing an application for a State Revolving Fund loan for a septic repair/replacement program.</p>			
77	FP08032	Quincy, City of	Stormwater Drainage Master Plan
<p>The City's stormwater collection system discharges directly to the West Canal and W645. The proposed project will address water quality impairment in these water bodies by studying the City's stormwater quantity and quality, and selecting appropriate best management practices to address target pollutants.</p>			
78	FP08082	Pacific Conservation District	Grayland Cranberry Best Management Practices
<p>The scope: (1) cribbing and covering of all non-covered ditches in micro watersheds 21 and 22 with new best management practice (BMP) standards, (2) collecting pre- and post-implementation, chemigation, and having samples sent to a certified laboratory for analysis. An Ecology approved Quality Assurance Project Plan (QAPP) will be utilized for the water quality sampling.</p>			
79	FP08048	La Conner, Town of	Sewer System Evaluation Study for La Conner
<p>La Conner's 30-year-old collection system is suffering from inflow and infiltration (I&I). It is now approaching 40% of Town flow, even though various tests and strategies have been applied over the years. The Town seeks assistance in conducting a Sewer System Evaluation Study (SSES) for scoping the problem, developing solutions, and designing a plan for controlling Inflow & Infiltration (I&I) in the future. Operational and cost data indicate that I&I have steadily decreased the operating efficiency of the wastewater treatment plant and are causing turbidity and grit problems. The unnecessary increase in the volume of effluent into the Swinomish Channel affects salmonid and other fish habitat. In addition, there is a need to update the facility plan for the plant and sewer system, including a feasibility study for diverting the effluent from the Swinomish Channel into constructed wetlands.</p>			
Refi	FP08049	Harrington, City of	Wastewater Collection and Treatment (Hardship)
<p>The project is to meet ground water quality standards through improvements and modifications to the existing wastewater treatment facility. Treatment will include settlement and aeration in new lined lagoon cells and recirculating sand filters. Following aeration, a portion of the process stream will be routed back to the first settlement cell where denitrification will take place in an anoxic environment. After nitrification and denitrification, wastewater will be routed to the constructed leaky wetland for final polishing and infiltration to groundwater.</p>			
Inel	FP08016	Snohomish, City of	Waste Water Treatment Plant Upgrade
<p>The existing water quality violations at the Snohomish Waste Water Treatment Plant necessitate significant upgrades to meet regulations and provide adequate treatment capacity. This project would result in the construction of needed improvements so that the plant can meet permit requirements and achieve improved Snohomish River water quality.</p>			
Inel	FP08017	Snohomish, City of	Phase 1 CSO Improvements
<p>The downtown Historic District of Snohomish is served by a combined sanitary/storm system installed during the early 1900s, approximately a 100 years ago, for direct discharge into the Snohomish River. The system is connected to the wastewater treatment plant but overflows do occur 36 to 72 times per year. This system does not meet today's standards and codes. There are currently two active CSOs. The purpose of this project is to construct trunk line and pump station improvements needed to reduce the sanitary/stormwater overflow events to one per year or less.</p>			
Inel	FP08083	Grant Conservation District	Well Decommissioning Cost-share Program
<p>This project provides cost-share funds to properly decommission 40 abandoned or unused wells within the Grant Conservation District, and provide public awareness about the danger these wells pose as conduits for contamination of the ground water, and encourage continuing voluntary identification and decommissioning of these problem wells after the grant ends.</p>			