



WASHINGTON STATE DEPARTMENT OF ECOLOGY

**WATER QUALITY FINANCIAL
ASSISTANCE PROGRAMS
FOR FISCAL YEAR 2007**

CENTENNIAL CLEAN WATER PROGRAM

**CLEAN WATER ACT SECTION 319
NONPOINT SOURCE PROGRAM**

**WASHINGTON STATE WATER POLLUTION
CONTROL REVOLVING FUND PROGRAM**

**FY 2007
Final Offer and Applicant List**

**July 1, 2006
Publication No. 06-10-053**



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For more information contact:

Department of Ecology
Water Quality Program
Financial Management Section
P.O. Box 47600
Olympia, WA 98504-7600

Telephone: 360-707-6502

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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)*

July 1, 2006

**Re: Centennial Clean Water Fund/Federal Clean Water Act Section 319 Nonpoint
Source Fund/Washington State Water Pollution Control Revolving Fund
FY 2007 Funding Cycle
Final Offer and Applicant List**

To Interested Persons:

I am pleased to provide you with the enclosed state fiscal year 2007 (FY 2007) Final Offer and Applicant List. This list identifies projects for funding from the Centennial Clean Water Fund (Centennial), the federal Clean Water Act Section 319 Nonpoint Source Fund (Section 319), and the Washington State Water Pollution Control Revolving Fund (SRF) programs. The SRF Final Intended Use Plan (IUP), which is available separately, also includes the projects for which SRF funding is offered. All projects offered funding reflect the highest priority water quality projects for the state of Washington.

If you have questions about the Centennial program, contact Jeff Nejedly at (360) 407-6566. Questions about the SRF program can be directed to Brian Howard at (360) 407-6510, and questions about Section 319 funding can be directed to Aleceia Tilley at (360) 407-6429.

We look forward to working with local governments, tribes, and non-profit organizations 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

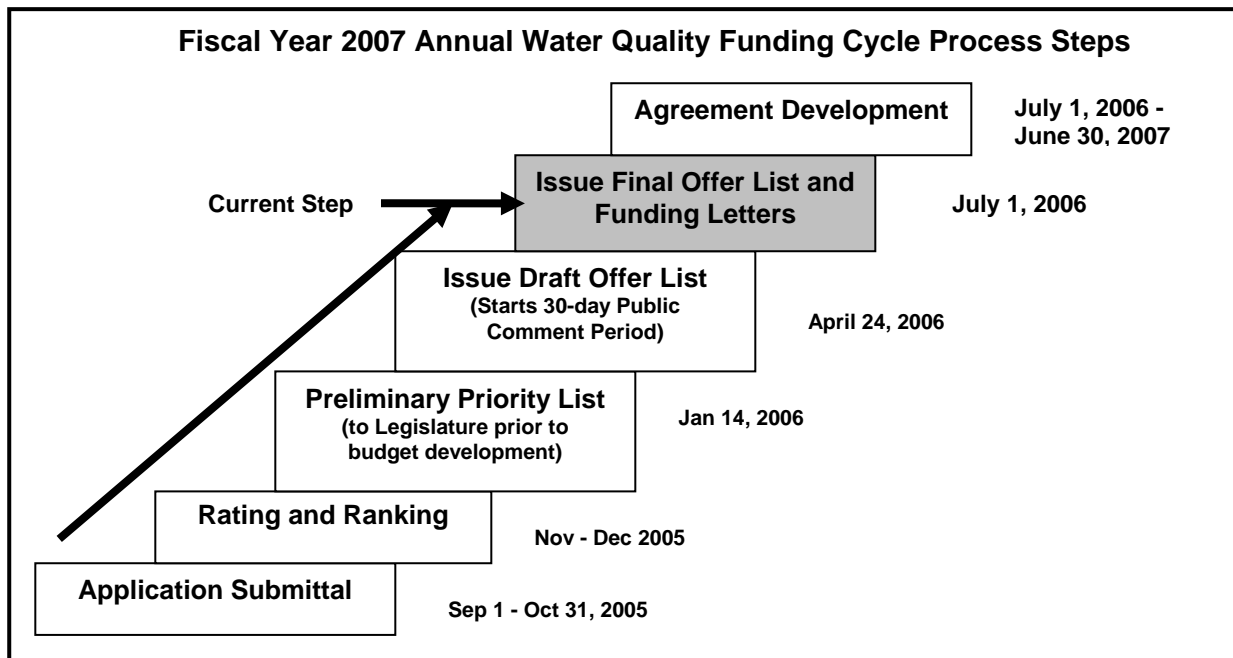
Enclosure

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FY 2007 Final Offer and Applicant List Development Process

This document presents the state fiscal year 2007 (FY 2007) Final Offer and Applicant List and a response to comments received on the Draft Offer and Applicant List. The final list represents the culmination of the annual funding cycle process for the distribution of water quality funding from three fund sources: the Centennial Clean Water Program (Centennial); the federal Clean Water Act Section 319 Nonpoint Source Program (Section 319); and the Washington State Water Pollution Control Revolving Fund Program (SRF). A separate document, the State Revolving Fund Draft Intended Use Plan, is also issued in conjunction with this combined funding list.

The following figure provides an overview of the FY 2007 funding cycle process and schedule.



Funding Priorities

Ecology is tasked with meeting a wide range of water quality priorities and leveraging available grant and loan funds to meet numerous water quality needs across the state. Priority needs range from stream restoration and protection projects to the construction of wastewater treatment plant upgrades in small, financially distressed towns and the design and construction of new wastewater treatment plants in large urban areas. Meeting these needs becomes a challenge as funding levels from state and federal programs decline while the demand for clean water projects continues to grow.

In an effort to maximize the effective and efficient use of all available funds, Ecology staff develop a statewide priority list of water quality projects by evaluating the project proposals based on rating criteria established in statute, rule, guidelines, and recommendations from other state agencies. The principal rating and ranking criteria include:

- The overall water quality and public health problem and the proposed solution
- Water quality impairments to designated uses (e.g., drinking water, aquatic habitat, shellfish, and recreation)

- Water quality goals and the measures of success (what will be accomplished and how results will be measured)
- Local government initiatives to ensure success (e.g., what other projects have been accomplished and what government and public support exists for the project)
- State or federal mandates the project addresses (e.g., permit requirements, enforcement orders)
- The applicant's readiness to proceed with the project (e.g., technical prerequisites – planning, design)
- Local priority-setting process - ranking by local watershed agencies/groups

Water Quality Funding Sources and Distribution

Ecology administers three sources of funding for water quality projects:

- The 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
- The Federal Clean Water Act, Section 319 Nonpoint-Source Grant Program (Section 319), which is allocated through the General Fund (federal Environmental Protection Agency [EPA] funds)
- The 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

The state Legislature appropriates funds for the Centennial and SRF programs through the capital budget, and the Section 319 program through Ecology's operating budget.

The 2005-07 biennial budget provides water quality funding for two funding cycles during the biennium for fiscal years 2006 and 2007. After any legislative provisos are accounted for, funding levels are based on splitting the biennial appropriation approximately in half and making the funds available each annual funding cycle. Funding levels in the second half of the biennium are subject to any modifications 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 provided in statute, rule, and program guidelines:

- Centennial Clean Water Program (competitive grant and loan funds available)
 - 1/3 of the funds are reserved for nonpoint activity type projects.
 - 2/3 of the funds are reserved for financial hardship community grants for facility construction projects (matching SRF loan required).
 - 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 goes to nonpoint activity projects that meet state and federal criteria, and address the State Water Quality Management Plan to Control Nonpoint Pollution.
- Washington State Water Pollution Control Revolving Fund Program (loans)
 - 80 percent is designated for facility projects.
 - 20 percent is designated for nonpoint source activity projects.
 - If funds remain in either the facility or activity categories, the unused portion can be rolled over to the other category to fund additional projects.

This combination of factors resulted in the distribution of grant and loan funds presented in the FY 2007 Final Offer List.

FY 2007 Final Offer and Applicant List Summary

Ecology received a total of 88 funding requests for the FY 2007 funding cycle period, including competitive applications and special legislative provisos. These projects reflect approximately \$187 million in funding needs. Based on an evaluation of these applications and using the 2005-07 Biennial Budget and the 2006 Supplemental Budget, Ecology proposes to fund 49 projects, totaling over \$100 million.

The following is a summary of the approximate funding levels available from the three programs based on the 2005-07 Biennial Budget and the 2006 Supplemental Budget:

- Centennial Clean Water Program (\$10.4 million available in competitive funds)
 - \$3.5 million (1/3) for nonpoint activity projects
 - \$6.9 million (2/3) for financial hardship community grants for facility projects
 - Funds can shift to the other category if demand in one category is limited.
- Centennial Clean Water Program additional \$2.5 million legislative proviso for small community financial hardship grants for facility construction projects
- 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 (\$78 million available)
 - \$62.4 million (80 percent) designated for facility projects
 - \$15.6 million (20 percent) designated for nonpoint source and estuary activity projects
 - Funds can shift from the nonpoint category to the facility category if demand is limited.

Based on this Final Offer and Applicant List for FY 2007:

- Eighteen (18) nonpoint activity projects are offered Centennial grants, totaling \$3.5 million.

- Seven (7) financially distressed communities are offered a combination of Centennial grants, totaling \$9.4 million and zero percent interest SRF loans, totaling \$20.5 million, for wastewater treatment facility construction. These communities are Sunnyside, Klickitat, Carnation, Kittitas, Winlock, Concrete, and Warden.
- Nine (9) nonpoint activity projects are offered Section 319 grants, totaling \$1.9 million.
- Nine (9) non-hardship facility planning, design, and construction projects are offered SRF loans, totaling \$45.7 million.
- Five (5) nonpoint activity and estuary projects are offered SRF loans, totaling \$11.7 million.

Projects offered funding address issues such as wastewater treatment plant upgrades to meet permit requirements and sewer collection system improvements; on-site septic system repair and replacement including Governor Gregoire’s Puget Sound Initiative; water reclamation and reuse facilities; water pollution cleanup planning and implementation; riparian restoration; agricultural pollution control best management practices; stormwater management planning and implementation; public information and education; groundwater protection, and water quality data collection and monitoring.

Response to Comments

During the 30-day public review and comment period, Ecology received five external comment letters on the Draft Offer and Applicant List. In addition, Ecology noted two corrections to the Draft Offer and Applicant List. The comments along with changes or corrections to the list are addressed below.

Comments from External Parties:

1. City of Carnation, Ms. Laurie Fulton Roth Hill Engineering Partners on behalf of the city of Carnation, FP07062/Carnation Wastewater Collection and Conveyance System

Comment: Ms. Fulton wrote on behalf of the city of Carnation that some of the financial assumptions shown on the Financial Hardship Analysis Form submitted with its application for funding were incorrect and requested that Ecology staff recalculate the financial hardship determination based on the revised information.

Response: Ecology staff recalculated the financial hardship determination based on the revised information. The analysis showed that the City is eligible for additional Centennial Clean Water Program (Centennial) hardship grant funding and a reduced SRF loan.

SRF Funds Proposed	SRF Funds Offered
\$6,750,0000	\$5,199,457
Centennial Funds Proposed	Centennial Funds Offered
\$3,250,000	\$4,800,543

By Centennial rule (Chapter 173.95A WAC), unless the demand for hardship grant funding is limited, the maximum amount any one applicant can be offered during a funding cycle is one-third of the funds available in the facility category. For FY 2007 that amount is \$2,300,543. That amount is supplemented by the \$2.5 million Legislative proviso for hardship communities with a population

of less than 5 thousand identified in the 2005-07 Supplemental Capital Budget, resulting in a total hardship grant offer of \$4,800,543.

The result of the revised financial hardship analysis determination shows that the City is eligible for a total Centennial hardship grant of \$4,961,000. Based on the Centennial rule and Legislative direction, \$4,800,543 is the maximum Ecology can offer this FY 2007 funding cycle. Based on Legislative appropriation for the Centennial FY 2008 funding cycle and Chapter 173.95A WAC "Uses and Limitations of Centennial Clean Water Funds," supplemental hardship grant funding in the amount of \$160,457 will be reserved for the City and the loan amount identified on the written loan agreement will be proportionately reduced.

2. Mason County, Ms. Linda Erickson, Mr. Tim Sheldon, and Ms. Jayni Kamin, Commissioners, FP07076/Belfair Water Reclamation Facility Design

Comment: The Commissioners wrote to Ecology and expressed their appreciation on behalf of Mason County to propose to fund the new Belfair Water Reclamation Facility Design project.

The Commissioners requested that their FY 2003 and FY 2006 design loans be repackaged to be available concurrent with the funds proposed on the Draft Offer and Applicant List.

Response: Ecology is pleased to provide Mason County SRF loan funding for this important water quality project.

Funds offered on the SRF FY 2003 Final IUP will be repackaged through an amendment to the existing loan agreement between Ecology and Mason County in the near future.

The funds offered on the SRF FY 2006 Final IUP have been added to those identified on the SRF FY 2007 Draft IUP and are shown on this SRF FY 2007 Final IUP.

SRF Funds Proposed	SRF Funds Offered
\$1,107,814	\$1,910,166

3. City of Warden, Mr. Roldan Capetillo, Mayor, FP07026/Warden Water Reclamation Facility

Comment: The Mayor wrote to Ecology that the Financial Hardship Analysis form submitted with the City's application for funding contained two errors and requested that Ecology staff recalculated the hardship analysis.

Response: Ecology staff recalculated the financial hardship determination based on the revised information. The analysis showed that the City is eligible for additional Centennial Clean Water Program (Centennial) hardship grant funding and a reduced SRF loan. The City is eligible for the following hardship grant and SRF loan.

Centennial Hardship Grant	SRF Low-Interest Loan
\$3,033,597	\$5,395,403

Due to the lack of additional grant funding and the city of Carnation’s increased hardship grant eligibility, the grant amount identified on the draft list has been reduced and the SRF low-interest loan increased as shown on the following table.

SRF Funds Proposed	SRF Funds Offered
\$6,558,155	\$7,705,120
Centennial Funds Proposed	Centennial Funds Offered
\$1,870,845	\$723,880

As mentioned above, the result of the revised financial hardship analysis determination shows that the City is eligible for a total Centennial hardship grant of \$3,033,597. Consistent with the legislative appropriation for the Centennial FY 2008 funding cycle and Chapter 173.95A WAC “Uses and Limitations of Centennial Clean Water Funds,” supplemental hardship grant funding can be reserved provided that the costs associated with the reserved amount are not incurred by the grant recipient before the funding cycle for which funding is proposed.

For the city of Warden, \$2,309,717 will be reserved from the FY 2008 funding cycle. This amount reflects the difference in hardship funding between what the City is actually eligible for (3,033,597) and the amount that Ecology offered for the FY 2007 Funding Cycle (\$723,880).

4. Town of LaCrosse, Mr. Larry Burgess, Mayor, FP07057/LaCrosse Wastewater Facility Loan Refinance

Comment: The Mayor wrote to Ecology that the Town believes the refinance proposal is eligible for funding consideration and requested that Ecology reevaluate the engineering report the project to see if it meets the facility plan requirements.

Response: Ecology staff conducted a second prerequisite eligibility review of the engineering report to meet facility plan eligibility requirements and determined that the refinance application was eligible for funding consideration. Unfortunately, no SRF funding remained after higher priority projects were offered funding.

If the Town intends to apply for a future SRF loan to refinance a prior debt and the Town is offered funding, a detailed eligibility cost analysis of all project components will need to be conducted based on State and federal laws.

5. Stevens County Conservation District, Mr. Mark Curtis, FP07070, Lower Pend Oreille River (LPOR) Watershed Project

Comment: Mr. Curtis pointed out that the District’s grant proposal this year, which was essentially the same as last year’s proposal, but with a more developed Total Maximum Daily Load (TMDL), scored significantly lower than the previous year. Mr. Curtis questioned the objectivity of the ranking process and requested that Ecology compare the scores and provide an explanation of the rating difference.

Response: Ecology has a process for evaluation of project proposals that includes checks, balances, and training that are intended to provide objectivity and transparency to the rating and ranking process. Even with this, there is inherent variability in how individual evaluators score each application due to different perspectives on factors such as the overall environmental

benefit and the effective use of funds. The Stevens County Conservation District proposal was reviewed by two different evaluators, one within the Eastern Regional Office and one from another Ecology region. These independent evaluators scored the proposal within the allowable ten percent point variation, indicating concurrence on the rating.

In responding to the comment, Ecology staff reviewed the proposals, evaluation criteria, point distribution, and evaluation comments to address the issue. Outside of the fact that two different evaluators ranked the project this year, two main reasons were identified for the lower score this funding cycle: 1) The application indicated that significant funding was dedicated to additional planning and characterization efforts even though this proposal was written to implement a TMDL detailed implementation plan; 2) There was not a clear measure of how much on-the-ground implementation would be completed (e.g., miles of riparian buffer). It was also emphasized that applicants discuss their project proposal with the regional staff contacts and TMDL leads to get the best input on structuring their proposed work with regional and state water quality priorities.

Ecology will use this comment to improve the evaluator training and future changes to the application and rating and ranking process to emphasize consistency and objectivity.

Department of Ecology Initiated Comments:

1. City of Tacoma, FP07021/Tacoma Central Treatment Plant Upgrade

Due to less SRF loan funding needed for the city of Carnation’s project, the loan amount offered is increased from what was identified on the Draft Offer and Applicant List. The following table illustrates the SRF loan increase.

SRF Funds Proposed	SRF Funds Offered
\$20,370,317	\$21,237,895

Funds offered on this FY 2007 Final Offer and Applicant List will be used to supplement the \$52 million loaned to the City under the SRF pilot rule for Alternative Contracting/Service Agreement that was identified on the FY 2003 Final Intended Use Plan and Final Offer and Applicant List. If additional funding is needed for the Central Treatment Plant Upgrade Project, Ecology encourages the City to apply for those funds and compete with other applicants during our next FY 2008 funding cycle.

2. Adopt-A-Stream, FP070007, Little Bear Pollution Identification/Correction

This project was originally proposed to receive a combination of Section 319 and Centennial funding, but a not-for-profit entity is not eligible to receive Centennial funds. The list was corrected to offer funding only from the Section 319 fund source. The combination of funding from Section 319 and Centennial was shifted to project FP07014 to fully utilize the funds available during this funding cycle.

Contacts

If you have questions about the Centennial program, contact Jeff Nejedly at (360) 407-6566. Questions about the SRF program can be directed to Brian Howard at (360) 407-6510, and questions about the Section 319 program can be directed to Aleceia Tilley at (360) 407-6429.

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FINAL OFFER AND APPLICANT LIST

FY 2007

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**Fiscal Year 2007 Final Offer and Applicant List
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)**

Application Number	Applicant Name/Project Title	Rank	Local Priority Points	Total Points	Total Funds Requested	Centennial Funds Offered	Section 319 Funds Offered	SRF Funds Offered	Loan Term (yrs)	Loan Rate (%)	Foot note
FP07EPG01	Spokane County/City Spokane Rathdrum Prairie Aquifer				\$5,000,000	\$5,000,000					1
FP07SP01	Jefferson, Mason, and Kitsap Counties On-Site Septic System Repair and Replacement Local Loan Program				\$1,000,000			\$1,000,000	20	2.6	1,16
FP07SP02	Governor's Puget Sound Initiative On-Site Septic System Repair and Replacement Program				\$5,000,000			\$5,000,000	20	2.6	2,16
FP07SP03	Governor's Puget Sound Initiative On-Site Septic System Repair and Replacement Program				\$1,500,000	\$1,500,000					2,16
FP07SP04	Klickitat County PUD No. 1 Klickitat Wastewater Facilities Improvement Project				\$600,000	\$600,000					2,16
FP07SP05	City of Carnation Carnation Wastewater Collection and Conveyance System				\$1,500,000	\$1,500,000					2,16
FP06094	Klickitat County PUD No. 1 Klickitat Wastewater Facilities Improvement Project				\$1,797,801	\$1,170,157		\$30,085	20	0	3,16
FP06077	Sunnyside, City of Wastewater Treatment Plant Upgrade				\$601,640	\$601,640					4,16
FP07062	City of Carnation Carnation Wastewater Collection and Conveyance System	1	90	922.5	\$10,000,000	\$4,800,543		\$5,199,457	20	0	5, 6, 16
FP07076	Mason County Belfair Water Reclamation Facility Design	2	100	895	\$1,107,814			\$1,910,166	20	2.6	14, 16
FP07052	Central Klickitat Conservation District Little Klickitat Enhancement	3	100	880	\$154,031		\$154,031				
FP07072	Thurston Conservation District Deschutes Early Action TMDL Project	4	100	866	\$233,088	\$233,088					

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Clean Water Act Section 319 Nonpoint Source program (Section 319), and
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FP07068	Whatcom Conservation District DID Education and Reform Initiative	5	80	860	\$248,990	\$248,990					
FP07008	Adams Conservation District Cow Creek Implementation Project Phase 2	6	100	855	\$249,750		\$249,750				
FP07002	Snohomish County Public Works South Fork Big Trees	7	100	852.5	\$332,250	\$332,250					
FP07022	Port of Illahee Illahsee Surface Water Management Plan	8	90	839.5	\$181,000	\$181,000					
FP07078	Clark Public Utilities Salmon Creek Riparian Restoration	9	100	839.5	\$250,000	\$250,000					
FP07073	Mason Conservation District Critical Area Buffer Restoration	10	90	819	\$132,900	\$132,900					
FP07069	City of Mount Vernon Wastewater Treatment Plant Upgrade Phase 1	11	100	811	\$17,627,500			\$17,627,500	20	2.6	16
FP07074	Mason Conservation District Oakland Bay Riparian Area Assessment	12	100	810	\$215,010		\$215,010				
FP07019	Adams Conservation District Palouse River Implementation Project "B"	13	60	810	\$249,750		\$249,750				
FP07067	Jefferson County Public Health Chimacum Creek Clean Water Project	14	100	796.5	\$357,838	\$357,838					
FP07047	King County DNRP - Wastewater Treatment Division Carnation Wastewater Treatment Facility	15	100	787.5	\$1,200,000			\$1,200,000	20	2.6	16
FP07031	Nooksack Indian Tribe South Fork Nooksack Riparian Restoration	16	90	783.5	\$240,000	\$240,000					

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FP07027	Pend Oreille Conservation District (POCD) Pend Oreille County Riparian Restoration	17	90	783	\$250,000	\$250,000					
FP07006	Lincoln County Conservation District Livestock Implementation Project (LIP)	18	100	782.5	\$250,000		\$250,000				
FP07042	Ferry Conservation District Kettle River The Watershed Improvement Project	19	100	772	\$250,000		\$250,000				
FP07014	Underwood Conservation District White Salmon Landowners for Clean Water	20	100	764	\$181,751	\$14,283	\$167,468				7
FP07066	Snohomish Conservation District Healthy Backyard Streams	21	60	761	\$298,500	\$298,500					
FP07011	Adopt-A-Stream Foundation Swamp Creek Water Pollution Prevention	22	100	760.5	\$187,500		\$187,500				
FP07048	Skagit County Planning and Development Services Skagit County Local Loan Fund	23	90	755	\$1,500,000			\$1,500,000	20	2.6	16
FP07079	Clark Public Utilities Lockwood Creek Riparian Restoration	24	100	754.5	\$250,000	\$250,000					
FP07003	Bremerton City of Bremerton Combined Sewer WWTP Upgrade	25	80	753.5	\$1,000,000			\$1,000,000	20	2.6	16
FP07045	Spokane County Conservation District LSR TMDL & Phosphate Reduction Project	26	100	753	\$241,031	\$241,031					
FP07035	Eastern Klickitat Conservation District Pine Creek Enhancement Phase 2	27	100	752.5	\$25,920	\$25,920					

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FP07015	Palouse-Rock Lake Conservation District Livestock Pasture Upgrades Along Creeks	28	70	749.5	\$245,250	\$245,250					
FP07044	Spokane County Conservation District Eastern Washington Sediment Reduction Program	29	90	749.5	\$4,000,000			\$4,000,000	20	2.6	
FP07007	Adopt-A-Stream Foundation Little Bear Pollution Identification/Correction	30	70	744.5	\$180,000		\$180,000				
FP07051	Skagit County Public Works Hansen Creek/ Red Creek Restoration Project	31	80	735	\$327,000	\$149,765					8
FP07040	Lummi Indian Business Council S.F. Nooksack Sediment Reduction	32	100	706	\$500,000						
FP07065	Snohomish Conservation District Island County Water Quality Protection	33	100	697.5	\$344,250						9
FP07012	City of Bellingham Public Works Lake Whatcom Watershed Restoration Project	34	70	686.5	\$196,681						9
FP07034	Kittitas, City of Kittitas Wastewater Treatment Facility Upgrades	35	100	675	\$765,000	\$382,500		\$382,500	20	0	5,16
FP07055	Public Health- Seattle & King County Environmental Health Division PHSKC Vashon/Maury Shellfish Recovery Project	36	70	675	\$350,000			\$200,000			9
FP07080	Clark County Health Department East-Fork-Lewis River TMDL Implementation Project	37	90	671	\$303,339						9
FP07049	Palouse Conservation District SF Palouse River TMDL Support	38	90	661.5	\$150,000						9

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Application Number	Applicant Name/Project Title	Rank	Local Priority Points	Total Points	Total Funds Requested	Centennial Funds Offered	Section 319 Funds Offered	SRF Funds Offered	Loan Term (yrs)	Loan Rate (%)	Foot note
FP07028	Pend Oreille Conservation District (POCD) Floodplain/Riparian Obstruction Removal	39	100	653.5	\$200,000						9
FP07039	Moses Lake Irrigation and Rehabilitation District Moses Lake Phosphorus Source Assessment	40	100	647.5	\$375,000						9
FP07025	City of Winlock Winlock Wastewater Treatment Plant Improvements	41	100	641.5	\$8,230,000	\$1,338,409		\$6,891,591	20	0	5, 16
FP07009	Skagit Conservation District No Name Slough Implementation - Phase 2	42	70	637.5	\$184,700						9
FP07075	Mason Conservation District Hood Canal Stormwater Pollution Response	43	100	635.5	\$250,000						9
FP07033	Palouse-Clearwater Environmental Institute (PCEI) Missouri Flat Creek Restoration Project	44	80	628	\$289,686						9
FP07071	Stevens County Conservation District Stevens County Bacteria Monitoring Project	45	90	624	\$250,000						9
FP07030	Wahkiakum/Cowlitz Conservation Districts Agriculture Water Quality Improvement Program	46	100	621.5	\$250,000						9
FP07070	Stevens County Conservation District LPOR Watershed Project	47	100	621	\$250,000						9
FP07037	Clallam County Streamkeepers Enhanced Work Plan & Capacity	48	100	620.5	\$165,719						9

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Centennial Clean Water program (Centennial),
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FP07017	City of Port Angeles Francis Street Gravity Sewer Main	49	90	620	\$700,000			\$700,000	20	2.6	16
FP07036	City of Cashmere Cashmere Wastewater Facilities Planning	50	0	620	\$170,000			\$170,000	20	2.6	16
FP07016	Hazel Dell Sewer District Salmon Creek Wastewater Treatment Improvements	51	90	618	\$1,000,000			\$1,000,000	20	2.6	16
FP07059	Okanogan Conservation District Okanogan Coordinated Resource Management Implementation	52	100	615	\$250,000						9
FP07004	King County DNRP - Wastewater Treatment Division Brightwater Marine Outfall	53	90	613.5	\$23,866,700			\$947,246	20	2.6	13, 16
FP07021	City of Tacoma Tacoma Central Treatment Plant Upgrade	54	100	612.5	\$42,000,000			\$21,237,895	20	2.6	10, 16
FP07046	Spokane County Conservation District Shoreline Stewardship & Phosphorus Assessment Program	55	100	603	\$225,480						9
FP07005	King County DNRP - Wastewater Treatment Division Brightwater Conveyance System Design	56	80	599.5	\$17,962,000						11
FP07029	Cowlitz/Wahkiakum Conservation Districts Forestry Water Quality Improvement Program	57	90	599.5	\$250,000						9
FP07056	Benton Conservation District Yakima River Water Quality, TMDL	58	100	595.5	\$183,380						9
FP07013	Clallam Conservation District Clallam Water Quality Outreach Program	59	100	584.5	\$46,670						9

**Fiscal Year 2007 Final Offer and Applicant List
Centennial Clean Water program (Centennial),
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Washington State Water Pollution Control Revolving Fund program (SRF)**

Application Number	Applicant Name/Project Title	Rank	Local Priority Points	Total Points	Total Funds Requested	Centennial Funds Offered	Section 319 Funds Offered	SRF Funds Offered	Loan Term (yrs)	Loan Rate (%)	Foot note
FP07054	City of Snohomish Waste Water Treatment Plant Upgrade	60	80	583	\$1,400,000						11
FP07043	City of Yakima Yakima Regional WWTP Improvements	61	90	579	\$4,000,000						11
FP07053	City of Snohomish Phase I CSO Improvements	62	70	574.5	\$556,000						11
FP07063	Samish Water District Lake Samish Comprehensive Stormwater Plan	63	90	573	\$93,750						9
FP07032	Seattle Public Utilities Green Roof Stormwater Improvements	64	100	567	\$495,000						9
FP07023	Town of Concrete Concrete Wastewater Treatment Facility	65	100	561	\$769,000	\$384,500		\$384,500	20	0	5, 16
FP07020	Lewis County Conservation District Chehalis Watershed Water Quality Coordinator	66	100	555	\$250,000						9
FP07018	Foster Creek Conservation District WRIA 44/50 Plan Water Quality Implementation	67	100	545.5	\$213,000						9
FP07058	City of Washougal Washougal Wastewater Facilities Plan	68	80	544	\$123,799						11
FP07041	City of Spokane Valley Drywell Assessment & Good House Keeping Plan Development	69	0	540.5	\$118,500						9
FP07060	Okanogan Conservation District Okanogan County Small Farm Implementation	70	0	495	\$250,000						9
FP07001	King County DNRP - Wastewater Treatment Division South Magnolia CSO Control Project Facilities Plan	71	90	486.5	\$818,440						11

**Fiscal Year 2007 Final Offer and Applicant List
Centennial Clean Water program (Centennial),
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Washington State Water Pollution Control Revolving Fund program (SRF)**

Application Number	Applicant Name/Project Title	Rank	Local Priority Points	Total Points	Total Funds Requested	Centennial Funds Offered	Section 319 Funds Offered	SRF Funds Offered	Loan Term (yrs)	Loan Rate (%)	Foot note
FP07010	Franklin Conservation District Ground Water Nitrate Improvements	72	80	485	\$249,975						9
FP07026	City of Warden Warden Water Reclamation Facility	73	90	469.5	\$8,429,000	\$723,880		\$7,705,120	20	0	5, 15, 16
FP07061	King County DNRP - Wastewater Treatment Division Bellevue Pump Station Upgrade	74	60	425	\$3,660,000						11
FP07038	Washington State University Riparian Buffer Monitoring and Education	75	60	405	\$246,312						9
FP07050	Town of Eatonville Town of Eatonville Water Reuse Planning and WTP Upgrades	76	0	307.5	\$50,000						11
FP07064	City of Centralia Wastewater Treatment Plant Improvements	77	90	296	\$1,000,000						11
REFINANCE PROJECTS											
FP07077	Mason County North Bay/Case Inlet Loan Refinance	0	0	0	\$5,000,000						11
FP07057	Town of LaCrosse Lacrosse Wastewater Treatment	0	0	0	\$100,000						11
FP07024	City of Winlock Refinance	0	0	0	\$596,225						12
AMOUNT REQUESTED AND FUNDS OFFERED GRAND TOTALS					\$187,093,920	\$21,452,444	\$1,903,509	\$78,086,060			

**Fiscal Year 2007 Final Offer and Applicant List
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Footnotes:

1. Funds identified through an appropriation proviso in Section 323 of the Washington State 2005-07 Biennial Capital Budget.
2. Funds identified through an appropriation proviso in the 2006 Supplemental Capital Budget.
3. The applicant was previously determined to meet criteria for financial hardship and awarded a \$983,450 grant from Centennial and a zero-percent interest loan with a 20-year term from the State Revolving Fund (SRF) for its project during the first half of the 2005-07 Biennium. The construction bid estimate provided by the applicant indicates a shortfall in funding for this critical wastewater infrastructure project, and thus the applicant is offered additional funding to meet this need.
4. The applicant was previously determined to meet criteria for financial hardship and awarded \$4,398,360 in grant funds from Centennial and a zero-percent interest loan with a 20-year term from SRF for its project during the first half of the 2005-07 Biennium. 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 \$5,000,000 hardship grant, thus the remaining commitment of \$601,640 in Centennial grant funding is offered funding on this FY 2007 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 offered grant funds designated for small hardship communities (less than 5,000 population) for its wastewater infrastructure project per Section 323 of the Washington State 2005-07 Biennial Capital Budget.
7. The amount offered is a combination of Centennial and Section 319 grant funds to maximize the use of both funding sources.
8. Funds offered are less than funds requested, because this is the last priority project that can be offered funding based on available Centennial dollars reserved for nonpoint activity projects.
9. The applicant requested grant funding; however, after higher priority projects were offered funding no grant funds remain available.
10. Funds offered 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.
11. The applicant requested loan funding and after higher priority projects were offered funding, no loan funds remain available.
12. The project is ineligible for funding consideration.
13. The applicant requested funding for the project under the alternative contracting pilot rule process and is offered an initial loan amount needed according to their cash flow projection. Remaining loan funding will appear on future funding cycle offer lists.
14. Funds offered are greater than funds requested, because \$802,352 was shifted from the FY2006 Funding Cycle to the FY2007 Funding Cycle.
15. Amount grant funds requested are reduced due to limited grant funding available. See responsiveness summary included with this list for more information.
16. 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."

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PROJECT SUMMARIES

FY 2007

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**Fiscal Year 2007 Project Descriptions
Centennial Clean Water program (Centennial),
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Application Number	Applicant Name	Project Title	Project Summary
FP07001	King County DNRP - Wastewater Treatment Division	South Magnolia CSO Control Project Facilities Plan	Development of the Facilities Plan, which will result in selection of the most effective CSO control project alternative for this location and the earliest possible control of overflows. Regulatory requirements will be met, and 50-85% of solids and their associated chemicals and 95% of the pathogens currently discharged will be eliminated.
FP07002	Snohomish County Public Works	South Fork Big Trees	This project supports riparian restoration on over 27 acres (4.6 stream miles). Planting strategy will focus on using 6' ball and burlap conifer planting stock, which will improve survival, reduce maintenance demand, and accelerate riparian restoration. Our restoration strategy will also include understory shrubs, and exclusionary fencing as needed.
FP07003	Bremerton City of	Bremerton Combined Sewer WWTP Upgrade	Wastewater Treatment Plant upgrade to address the critical needs of the plant by replacing aging components beyond their useful life, assuring reliability, accommodating additional combined sewage flow, and creating redundancy where there is none to prevent pollution to Sinclair Inlet and contiguous waterways within 22 square miles of critical habitat.
FP07004	King County DNRP - Wastewater Treatment Division	Brightwater Marine Outfall	The Brightwater Wastewater 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 sea floor offshore, and the 500 foot diffuser will be installed along with the offshore pipeline at an approximate depth of 600 feet.
FP07005	King County DNRP - Wastewater Treatment Division	Brightwater Conveyance System Design	The Brightwater Wastewater Conveyance System will convey treated wastewater from the Brightwater Wastewater Treatment Plant in unincorporated Snohomish County at the junction of SR-9 and SR-522 to the Marine Outfall at Point Wells. The conveyance systems will consist of approximately 14 miles of pipeline built in underground tunnels at depths of from 40 to about 440 feet below the surface. Tunnel boring machines will be used for most of the construction. The system will also include other facilities including pumps, flow and odor control facilities, and electrical and monitoring equipment.

**Fiscal Year 2007 Project Descriptions
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Application Number	Applicant Name	Project Title	Project Summary
FP07006	Lincoln County Conservation District	Livestock Implementation Project (LIP)	A Livestock Implementation Project (LIP) will improve water quality in Lincoln County by implementing agricultural BMPs that include riparian plantings, fencing, water crossings, portable feeders and off-stream watering. Goals of 10 miles of riparian zones, 10 miles of creek exclusion, and 30 BMP projects will be implemented. To broaden the beneficial impacts of the project's important components, it will include effectiveness monitoring, riparian photo-documentation, and public outreach.
FP07007	Adopt-A-Stream Foundation	Little Bear Pollution Identification/Correction	Conduct a stream survey of portions of Little Bear Creek and its tributaries, locate water pollution sources, identify responsible landowners, prepare corrective action prescriptions, establish landowner agreements to carry out corrective actions, and implement prescriptive action(s). Train volunteers to monitor corrective actions.
FP07008	Adams Conservation District	Cow Creek Implementation Project Phase 2	Cow Creek watershed water quality will be improved by riparian zone rehabilitation, exclusionary fencing and off-stream livestock watering. Water quality monitoring will be conducted to assess effectiveness, support ECY efforts to determine nonpoint pollution sources, further Cow Creek TMDL development, and create Cow Creek as a true model watershed.
FP07009	Skagit Conservation District	No Name Slough Implementation - Phase 2	No Name Slough suffers from water quality impairment, summer low flow, flooding, and degraded fish habitat. In Centennial Clean Water Fund Grant No. G0300051, Skagit Conservation District recommended several projects to address these problems. This proposal will design and implement four of the recommendations, including riparian planting, wetland enhancement, floodplain reconnection, and other conservation activities.
FP07010	Franklin Conservation District	Ground Water Nitrate Improvements	This project will reduce nitrates in ground water by providing critical data to land managers and growers in four counties, covering over nearly five million acres. It will determine nitrate concentrations in over 500 wells four times in two years and will educate over 11,000 students about surface and ground water.
FP07011	Adopt-A-Stream Foundation	Swamp Creek Water Pollution Prevention	Ecologists and biological technicians will survey Swamp Creek to identify nonpoint pollution sources and fish habitat degradation on riparian lands. "Prescriptions" for corrective actions will be prepared for landowners (private/public) and, pending their approval/partnership, problems will be corrected. Watershed residents and riparian landowners will be trained to monitor results.

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Application Number	Applicant Name	Project Title	Project Summary
FP07012	City of Bellingham Public Works	Lake Whatcom Watershed Restoration Project	The project will restore and maintain the streams and wetland riparian areas of 11 municipally-owned properties in the Lake Whatcom Watershed to improve both the water quality of the lake and its tributaries. The project will also implement a stewardship education strategy directed towards watershed residents and property users.
FP07013	Clallam Conservation District	Clallam Water Quality Outreach Program	Streamside landowners along impaired streams will receive educational material via mail and workshops on water quality protection and riparian restoration. Follow-up technical assistance will be provided. This project will also generate a long-range for managing Robin Hill Farm Park as a demonstration farm showcasing water quality BMPs.
FP07014	Underwood Conservation District	White Salmon Landowners for Clean Water	This project involves education, outreach, and assistance in the implementation of BMPs within the White Salmon River Watershed. Objectives include educating small acreage landowners about their impact on water quality, assisting in the implementation of BMPs on small acreages in the watershed, reducing the delivery of sediment and nutrients, and increasing effective shade along stretches of the White Salmon River and its tributaries.
FP07015	Palouse-Rock Lake Conservation District	Livestock Pasture Upgrades Along Creeks	Implement riparian BMPs for livestock producers on tributaries of the Palouse River and the main-stem of the Palouse River. Install 12 miles of buffer with an overall goal of 20 miles.
FP07016	Hazel Dell Sewer District	Salmon Creek Wastewater Treatment Improvements	This wastewater facility project expands the Salmon Creek Wastewater Management System, including treatment and regional conveyance, which is nearing capacity. The expansion will allow growth and failing septic systems to be connected to sewerage, providing the infrastructure to support the implementation of the Lower Columbia and Salmon Creek Watershed TMDLs.
FP07017	City of Port Angeles	Francis Street Gravity Sewer Main	This project involves the installation of approximately 4,500 feet of 30-inch diameter gravity sewer main, from the north end of Francis Street to the headworks of the City's WWTP. This would reduce combined sewer overflow volumes into Port Angeles Harbor by more than 50%.
FP07018	Foster Creek Conservation District	WRIA 44/50 Plan Water Quality Implementation	Included in the 2514 Final WRIA 44/50 Watershed Plan, this proposal will continue monitoring and data collection to further determine the correlation among water resource observations and land use, identify public health hazards, fulfill state obligation of in-stream flow setting, determine localized water balances, and evaluate project implementation success.

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FP07019	Adams Conservation District	Palouse River Implementation Project "B"	Lower Palouse River water quality will be improved by exclusionary fencing, riparian zone rehabilitation, and off-stream livestock watering. Water quality monitoring will be conducted to assess BMP effectiveness, support ECY efforts to implement the Palouse River TMDL and assist neighboring CDs in this remote region of WRIA 34.
FP07020	Lewis County Conservation District	Chehalis Watershed Water Quality Coordinator	This project will give the Lewis County Conservation District the ability to house a Comprehensive Water Quality Coordinator for the Chehalis Basin (WRIs 22 & 23). The coordinator will create and update a database to detail BMP effectiveness monitoring (TMDL water quality improvements) on stream segments in the watershed.
FP07021	City of Tacoma	Tacoma Central Treatment Plant Upgrade	Design and construct an upgrade to the Central WWTP to increase the capacity to a maximum monthly flow of 60 mgd. and a peak hydraulic capacity of 150 mgd. Improvement areas include: influent screening, influent and effluent pumping, grit removal, installing a peak wet weather flow treatment process, disinfection, and solids handling.
FP07022	Port of Illahee	Illahee Surface Water Management Plan	Port of Illahee and local agencies would develop a Surface Water Management (SWM) Plan to provide a regional SWM that addresses four interrelated issues: natural resource protection, water quality, land use, and water use through correction of existing stormwater problems and prevention of future water quality and critical habitat degradation from nonpoint pollution.
FP07023	Town of Concrete	Concrete Wastewater Treatment Facility	The Town of Concrete proposes to replace its existing wastewater treatment facility with a membrane bioreactor wastewater treatment plant. The proposed facility will improve the quality of effluent discharged to the Baker River in compliance with the Order on Consent No. DE98WQ-N103 issued by Ecology on March 16, 1998.
FP07024	City of Winlock	Winlock I&I Removal Project Refinance	Winlock needs to finance a new \$8,230,000 wastewater treatment plant (WWTP) and needs to reduce sewer utility costs where possible to afford the new WWTP. Refinancing two USDA/RD loans used for sewer system improvements in the mid-1990's at 0.0% interest for 20 years allows Winlock to save approximately \$550,000 in total debt service compared to the USDA/RD terms.
FP07025	City of Winlock	Winlock Wastewater Treatment Plant Improvements	Construct new MBR wastewater treatment plant (WWTP) in accordance with Ecology-approved plans and specifications needed to meet National Pollutant Discharge Elimination System (NPDES) permit requirements and to comply with Ecology Administrative Order Number DE 98WQ-S283 (attached). The new WWTP will produce effluent that meets Class A reclaimed water standards and improves water quality in Olequa Creek and the Cowlitz River.

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Application Number	Applicant Name	Project Title	Project Summary
FP07026	City of Warden	Warden Water Reclamation Facility	Construction of a Water Reclamation Facility to replace the existing failing wastewater treatment lagoon system. Construction will include a new influent pump station, headworks, selectors, oxidation ditch, coagulation/flocculation, filter system, UV disinfection, and conversion of e current lagoons to recharge basins. Solids handling will include a sludge holding tank and drying beds.
FP07027	Pend Oreille Conservation District (POCD)	Pend Oreille County Riparian Restoration	Implementation of riparian restoration projects reducing nonpoint source pollution and encouraging proper streamside management. Priority projects are, but are not limited to, the County's 66 "Category 5" water bodies and those containing bull trout. Conduct educational events for K-12 and adults on the importance of buffers and their effects on water quality.
FP07028	Pend Oreille Conservation District (POCD)	Floodplain/Riparian Obstruction Removal	Remove 400 feet of unimproved road bisecting the Davis Creek floodplain, reducing flooding, removing a fish passage barrier, and reestablishing 1.5 miles of stream connectivity with the Pend Oreille River. In addition, the project will remove obstacles (cars, trucks, cement slabs, etc.) embedded in other streams and floodplains throughout the County.
FP07029	Cowlitz/Wahkiakum Conservation District	Forestry Water Quality Improvement Program	This project provides: technical assistance for conservation plans or individual BMPs; educational assistance targeting new landowner awareness of issues and improved management; and leveraging of cost share from other programs to establish demonstration areas in cooperation with non-industrial forest landowners.
FP07030	Wahkiakum/Cowlitz Conservation District	Agriculture Water Quality Improvement Program	This project provides: technical assistance to the small farm, a great concern to water quality, for conservation plans or BMPs; educational assistance targeting new landowners awareness of the issues and improved management; and leveraging of cost share from other programs to establish demonstration areas.
FP07031	Nooksack Indian Tribe	South Fork Nooksack Riparian Restoration	This project will implement riparian restoration along the South Fork Nooksack River to address 303(d)-Listed parameters of high temperature and fine sediment. Specific activities will include planting native conifer species and/or thinning immature, over-stocked conifer stands on 66 acres of South Fork riparian area, and water quality monitoring.
FP07032	Seattle Public Utilities	Green Roof Stormwater Improvements	Develop monitoring protocols for green roof runoff and monitor quantity and quality of runoff from green roofs to: determine how well green roofs improve stormwater quality, identify attributes of green roofs best suited for this area, and inform policies to guide their installation in Seattle.

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Application Number	Applicant Name	Project Title	Project Summary
FP07033	Palouse-Clearwater Environmental Institute (PCEI)	Missouri Flat Creek Restoration Project	The Missouri Flat Creek Urban Riparian Restoration Project will improve water quality by mitigating storm water runoff, stabilizing stream banks, increasing floodplain connectivity, and reestablishing a riparian buffer. The Palouse-Clearwater Environmental Institute and the city of Pullman will engage community members in the collaborative restoration project.
FP07034	City of Kittitas	Kittitas Wastewater Treatment Facility Upgrades	Construction of upgrades to the wastewater treatment plant (WWTP), including a dual basin sequencing batch reactor to replace the existing single basin sequencing batch reactor. The upgrades will include new gravity grit channels, influent pump station, two SBR Basins, equalization basin, replacement of filter fabric, ultraviolet disinfection, and all related electrical components and controls.
FP07035	Eastern Klickitat Conservation District	Pine Creek Enhancement Phase 2	This project is the second phase of a stream enhancement, bank repair project, including log weirs, bank planting bench, toe logs, and rood wads. Construction will be on the East bank, which has high vertical banks. These will be stabilized with toe logs, reinforced earth revetment, and root wads.
FP07036	City of Cashmere	Cashmere Wastewater Facilities Planning	Cashmere is under a Department of Ecology compliance schedule to complete a wastewater facilities plan. The City discharges to the Wenatchee River, which is on the 303(d)-List for pH, DO, temperature, and in-stream flow. A TMDL is currently underway for the river and will result in phosphorus load limitations requiring a new treatment plant.
FP07037	Clallam County	Streamkeepers Enhanced Work Plan & Capacity	<ol style="list-style-type: none"> 1. Work with various multi-stakeholder efforts (WRIAs 18-20, Shared Strategy, Dungeness TMDL, State Monitoring, etc.) to coordinate Streamkeepers' role in implementing their monitoring, data reporting, and outreach plans. 2. Build Streamkeepers' capacity through a GIS land use/cover layer, a synthesis of physical-habitat data, enhanced database features, and a West End outreach program.
FP07038	Washington State University	Riparian Buffer Monitoring and Education	The project will monitor post-BMP implementation of riparian buffers on 4 303(d)-Listed streams in Skagit (3 streams) and Pierce Counties to assess buffer effectiveness. Non-point pollutants N, P and sediment will be sampled while shade and bank stability will be assessed. Landowner/agency staff buffer workshops will be held.

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Application Number	Applicant Name	Project Title	Project Summary
FP07039	Moses Lake Irrigation and Rehabilitation District	Moses Lake Phosphorus Source Assessment	Moses Lake, which is on the 303(d) list for phosphorus is surrounded by municipal, residential, and agricultural land uses. An Advanced Monitoring and Source Identification Program will consist of detailed phosphorus source tracking and prioritization of sources in the watershed. This will lead to a Water Quality Pollution Control Plan.
FP07040	Lummi Indian Business Council	S.F. Nooksack Sediment Reduction	The project includes stabilization of 4 landslides occurring in fine sediment deposits along the South Fork Nooksack River and removing a bridge that narrows the channel migration zone. The channel will be moved away from the base of the landslides, allowing them to reach an angle of repose and re-vegetate.
FP07041	City of Spokane Valley	Drywell Assessment & Good House Keeping Plan Development	The City lies over the Spokane Valley-Rathdrum Prairie Aquifer. The project takes place in a heavily industrialized area covering three square miles. This project will make an inventory, map and assess drywells located within this area. Results of assessment will be used to identify high risk wells and develop a maintenance and retrofit plan. An education & outreach program will be developed.
FP07042	Ferry Conservation District	Kettle River The Watershed Improvement Project	<ol style="list-style-type: none"> 1. Continue monitoring all streams in the watershed for temperature, fecal coliform, pH, and dissolved oxygen. 2. Implement BMPs along all 303(d)-Listed tributaries of the Kettle River and the Kettle River itself. 3. A QAPP will guide cooperative efforts among landowners and the involved government agencies to do BMP implementation and to perform effective monitoring.
FP07043	City of Yakima	Yakima Regional WWTP Improvements	For regulatory, renewal/safety concerns Yakima Regional WWTP improvements include construction of a new solids handling building, redundant centrifuge and dewatering equipment, new blower building with additional stand by power, new ultraviolet disinfection replacing existing chlorine system, grease receiving facility, digester piping, various electrical, instrumentation, and controls improvements.
FP07044	Spokane County Conservation District	Eastern Washington Sediment Reduction Program	The Eastern Washington Sediment Reduction Program will assist farmers in five counties with purchasing conservation tillage equipment, making the transition to direct seeding economically feasible. The direct benefits of conservation tillage operations include decreased erosion, providing improved water quality and salmonid habitat protection through reductions in sediment and associated nutrients.

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FP07045	Spokane County Conservation District	LSR TMDL & Phosphate Reduction Project	This project includes the completion of the Water Quality Implementation Plan (formerly known as a Detailed Implementation Plan) for the Little Spokane River TMDL. The project also conducts a pilot program to implement and evaluate the use of low/no phosphate detergents and fertilizers within a high-density development.
FP07046	Spokane County Conservation District	Shoreline Stewardship & Phosphorus Assessment Program	The project will coordinate local agency efforts to identify high priority restoration/protection areas, establish up to ten miles of riparian buffers, evaluate potential phosphorus source contributions, and implement various BMPs to protect water quality. This project is coordinated with local shoreline, TMDL, and watershed planning efforts in Spokane County.
FP07047	King County DNRP-Wastewater Treatment Division	Carnation Wastewater Treatment Facility	The project includes the design phase of King County's 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 about 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.
FP07048	Skagit County Planning and Development Services	Skagit County Local Loan Fund	The SRF will be used to continue a loan fund to assist land/home owners to make improvements to on-site septic problems that are impacting water quality in Skagit and Samish River Basins. This reduction is important because excessive nutrient and bacterial loading has been identified as a problem in Skagit County. Improvements will be made through on-site septic (OSS) repairs, connections to existing fronting sewer lines, agricultural BMPs and cluster repairs to OSS.
FP07049	Palouse Conservation District	SF Palouse River TMDL Support	Palouse Conservation District will partner with Ecology on South Fork Palouse River TMDL activities, including: coordinating with WRIA 34 - Palouse Watershed Planning Unit, water quality monitoring, early implementation activities, coordinating & facilitating advisory group meetings, developing supplemental implementation strategy (SIS)/EPA submittal, and developing detailed implementation plan (DIP).
FP07050	Town of Eatonville	Town of Eatonville Water Reuse Planning WTP Upgrades	The Town of Eatonville plans to upgrade its existing WWTP to produce Class A reclaimed water. This project would have multiple benefits, including use of reclaimed water for irrigation of parks and schoolyards, reduction in direct diversion from the Mashel River to meet summer water needs, and the return of higher-quality water to the river.

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Application Number	Applicant Name	Project Title	Project Summary
FP07051	Skagit County Public Works	Hansen Creek/Red Creek Restoration Project	The Red Creek/Hansen Creek Restoration Project will help to lower temperatures, decrease fecal coliform levels, and increase available fish habitat in Red and Hansen Creek in Skagit County. Specific restoration actions include establishing riparian buffers to lower temperatures, restoring floodplain and wetlands connections, and excluding livestock from Red and Hansen Creeks.
FP07052	Central Klickitat Conservation District	Little Klickitat Enhancement	This bank stabilization and vegetation-planting project will reduce sedimentation and water temperatures impacting fish. The channel flow will be directed away from the banks. Also addressed will be sediment control, shading and pooling in response to the detailed implementation plan of the TMDL.
FP07053	City of Snohomish	Phase I CSO Improvements	The downtown Historic District of Snohomish is served by a combined sanitary/storm system installed during the early 1900s. There are currently two active CSOs. The purpose of this project is to design sewer trunk line and pump station improvements needed to reduce the outflows to one per year or less.
FP07054	City of Snohomish	Waste Water Treatment Plant Upgrade	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 design of the needed improvements so that the plant can meet permit requirements and achieve improved Snohomish River water quality.
FP07055	Public Health-Seattle & King County Environmental Health Division	PHSKC Vashon/Maury Shellfish Recovery Project	The project seeks to repair or upgrade failing and substandard shoreline and near shore on-site sewage systems on Vashon-Maury Island in King County with the goal of opening shellfish growing areas by establishing a revolving fund loan program to finance septic repairs and provide a staff position to establish the program.
FP07056	Benton Conservation District	Yakima River Water Quality, TMDL	Assist landowners and local agencies to meet anticipated TMDLs in addressing D.O. and pH violations resulting from excessive nutrients and aquatic plant growth in the Lower Yakima River. Quantify the excess river sediment phosphorus relative to historical values, which may lead to determining TMDLs and BMPs. Continue water quality educational programs.
FP07057	Town of LaCrosse	LaCrosse Wastewater Treatment	The LaCrosse wastewater treatment facility underwent improvements in 1990 and requests to refinance existing debt. The construction improvements consisted of lining Cell #1 with 40-mil PVC liner and renovation of the existing sewage pump stations.

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Application Number	Applicant Name	Project Title	Project Summary
FP07058	City of Washougal	Washougal Wastewater Facilities Plan	This project would provide Facility Planning for wastewater treatment plant and collection system improvements. The Washougal WWTP is currently at 80% of its NPDES permitted capacity; a capacity upgrade is necessary to prevent future water quality violations.
FP07059	Okanogan Conservation District	Okanogan Coord Resource Mgmt. Implementation	Staff will assist approximately 27 CRM planning groups by facilitating meetings to identify resource concerns and appropriate BMPs, implementation of BMPs and monitoring BMP effectiveness as well as providing outreach to area residents concerning livestock and water quality issues.
FP07060	Okanogan Conservation District	Okanogan County Small Farm Implementation	This project involves implementing BMPs and providing technical assistance to landowners district-wide; however priority areas, to target efforts will be based on TMDLs and on an inventory of high impact, animal-dense areas and critical surface water sources. Education and outreach to landowners will also be a focus.
FP07061	King County DNRP-Wastewater Treatment Div.	Bellevue Pump Station Upgrade	King County is upgrading the pump station [built in 1964] and constructing new facilities [including a new force main to the Eastside Interceptor] in order to handle the anticipated increased flows to the pump station. These improvements will increase capacity and also decrease the system response time during a power outage to reduce the potential overflows into Meydenbauer Creek.
FP07062	City of Carnation	Carnation Wastewater Collection and Conveyance System	Carnation will build a new citywide vacuum sewer collection system (approximately 61,000 feet of pipe) and vacuum/pump station. The system will replace approximately 625 aging, failed and non-conforming septic systems serving 1,900 residents. The vacuum/pump station will pump wastewater to the planned treatment plant on the adjacent property.
FP07063	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 bluegreen 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.
FP07064	City of Centralia	Wastewater Treatment Plant Improvements	Project would add either 1) a lime dust venturi removal system to the part of the building where the RDP lime stabilization unit is located or 2) replace existing RDP lime stabilization unit creating the lime dust problem with a sludge dryer to the new Centralia wastewater treatment facility located northwest of the city. If a sludge dryer is chosen a sludge thickener may also be required.

**Fiscal Year 2007 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)**

Application Number	Applicant Name	Project Title	Project Summary
FP07065	Snohomish Conservation District	Island County Water Quality Protection	Snohomish Conservation District (SCD) and Whidbey Island Conservation District (WICD) join in this project for the purpose of protecting, enhancing, and restoring surface and groundwater quality in Island County through a program emphasizing agricultural BMPs and public education. This project will provide landowners with technical, educational, and cost share assistance to implement BMPs. WICD will provide services to Whidbey Island landowners and SCD to Camano Island landowners.
FP07066	Snohomish Conservation District	Healthy Backyard Streams	Snohomish Conservation District will provide water quality education and technical assistance to residents with backyard streams in the City of Snohomish/Pilchuck tributaries and portions of Swamp creek. Green living ideas, natural yard care, native plants, and septic maintenance will be promoted through community workshops, door-to-door surveys, technical assistance, and a watershed booklet.
FP07067	Jefferson County Public Health	Chimacum Creek Clean Water Project	The Chimacum Creek Clean Water Project is designed to meet two water quality goals. The first is to collect water quality data to assist Ecology in addressing documented temperature and bacteria listings. The second is to implement BMPs for on-site sewage systems and agricultural practices throughout the drainage.
FP07068	Whatcom Conservation District	DID Education and Reform Initiative	Project will produce a Drainage Management Guide to specifically assist Whatcom County Drainage Improvement Districts in developing Management Plans that protect critical areas and water quality. Education and technical assistance will guide landowners and DID commissioners in implementing BMPs to meet water quality goals.
FP07069	City of Mount Vernon	Wastewater Treatment Plant Upgrade Phase 1	This project will provide increased hydraulic and organic capacity of the Mount Vernon WWTP through the construction of a new pre-treatment (grit and debris screening) facility, 2 new primary clarifiers, aeration basin modifications, 2 additional secondary clarifiers, an ultra-violet disinfection system, and an extensive odor control system.
FP07070	Stevens County Conservation District	LPOR Watershed Project	The project will result in a watershed management and implementation of bacteria, temperature, and sediment BMPs for the 120,000-acre Little Pend Oreille River Watershed, the largest sub watershed in WRIA 59. Implementation to reduce bacteria levels will support the Colville River Watershed Coliform Bacteria TMDL.

**Fiscal Year 2007 Project Descriptions
Centennial Clean Water program (Centennial),
Clean Water Act Section 319 Nonpoint Source program (Section 319), and
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Application Number	Applicant Name	Project Title	Project Summary
FP07071	Stevens County Conservation District	Stevens County Bacteria Monitoring Project	The Washington Nonpoint Source Management Plan indicates fecal coliform bacteria are the state's number one pollutant. This project will identify areas of concern, potential sources of contamination, and provide technical/financial assistance to address these sources, providing comprehensive monitoring for one of Washington State's largest counties (over 2,480 square mi).
FP07072	Thurston Conservation District	Deschutes Early Action TMDL Project	Provide education through workshops, tours, and publications, and a stewardship program for landowners in the Deschutes Watershed. In addition, technical and cost share assistance will be delivered to agricultural and riparian landowners to help them implement BMPs that address water quality issues.
FP07073	Mason Conservation District	Critical Area Buffer Restoration	This project addresses a priority concern in Mason County - preventing critical area buffer loss and restoring damaged buffers by shorelines, lakesides, streams and wetlands. Directly reaching 51,000 residents with an educational mailing and working cooperatively with landowners on the ground, Mason Conservation District will implement BMPs protecting water quality Countywide.
FP07074	Mason Conservation District	Oakland Bay Riparian Area Assessment	This project will assess 303(d)-listed streams that drain into Oakland Bay for areas lacking adequate riparian cover and BMPs. It will implement projects with landowners to reestablish riparian areas. Restoration will result in reduced fecal coliform levels and lower water temperatures, which impact commercial shellfish closures and endangered salmon runs.
FP07075	Mason Conservation District	Hood Canal Stormwater Pollution Response	In response to Mason County's pollution identification assessment for waters entering the Hood Canal, the MCD proposes to implement BMPs to mitigate the effects of runoff contaminants, such as bacteria, nutrients, and livestock waste. This grant will focus on runoff remediation and management to reduce pollutant problems in Hood Canal.
FP07076	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 UGA and to serve an area where the performance of on-site sewage systems have lead to a declaration of severe public health hazard in the Lynch Cove area of Lower Hood Canal.

**Fiscal Year 2007 Project Descriptions
Centennial Clean Water program (Centennial),
Clean Water Act Section 319 Nonpoint Source program (Section 319), and
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Application Number	Applicant Name	Project Title	Project Summary
FP07077	Mason County	North Bay/Case Inlet Loan Refinance	North Bay Case Inlet sewer collection system and treatment facility was completed and placed on-line in 2002, with financial participation in the form of a grant from the CCWF, a 0%, 20yr. SRF Loan (\$5,818,537 outstanding), and a 4.75% Rural Development Admin loan with a 40 year term (\$5,155,022.5 outstanding). A recent financial analysis of the system (Oct. 2005) showed that the rates to support debt service and operating costs for the plant will require an increase in monthly rates from \$48.50 to \$81.00 over the next four years. Mason County respectively requests consideration to refinance the federal loan through the State Revolving Fund for a 20 yr. term at 0% interest. This measure, combined with a rate increase to \$62.00/month in 2006, will help provide long-term fiscal viability for the utility while ensuring adequate coverage for costs.
FP07078	Clark Public Utilities	Salmon Creek Riparian Restoration	Salmon Creek has experienced gradual water quality degradation from land use practices and urbanization. This proposal will restore water quality and stream habitat through streambank protection, restoration, and re-vegetation practices. These established practices will reduce erosion, turbidity levels, and improve overall water quality in Salmon Creek.
FP07079	Clark Public Utilities	Lockwood Creek Riparian Restoration	The East Fork Lewis River Restoration project will enhance and protect the streambank by re-vegetation of the riparian corridor and supporting activities. This will help to restore the water in the watershed to meet Class A/AA standards.
FP07080	Clark County Health Department	East-Fork-Lewis River TMDL Implementation Project	East-Fork-Lewis River TMDL Implementation Project is designed to help meet the fecal bacteria TMDL that Ecology is establishing for East Fork Lewis River. Failing septic systems located in the project area will be identified and corrected; education "social marketing," technical assistance, and Mandatory Maintenance Program will help assure long-term benefits.

Acronyms/Definitions:

BMP – Best Management Practice

CSO – Combined Sewer Overflow

MBR – Membrane Bioreactor

QAPP – Quality Assurance Project Plan

SWM – Surface Water Management

TMDL – Total Maximum Daily Load, Water Clean-up Plan

WWTP – Waste Water Treatment Plant