WASHINGTON STATE DEPARTMENT OF ECOLOGY

WATER QUALITY FINANCIAL ASSISTANCE PROGRAMS FOR FISCAL YEAR 2006

CENTENNIAL CLEAN WATER FUND

CLEAN WATER ACT SECTION 319 NONPOINT SOURCE FUND

WASHINGTON STATE WATER POLLUTION CONTROL REVOLVING LOAN FUND

FY 2006
Draft Priority and Applicant List

January 2005
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DRAFT PRIORITY AND APPLICANT LIST

FY 2006

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Fiscal Year 2006 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) Preliminary Priority Funding List

Application Number	Applicant Name/Project Title	Rank	Local Priority Points	Total Points	Total Funds Requested	Proposed Funding CCWF	Section 319	SRF	Loan Terms (years)	Loan Interest Rate	Foot-notes
FP06EPG01	**Spokane County/City Spokane Rathdrum Prairie Aquifer**				**$5,000,000**	**$5,000,000**	**$0**	**$0**			1
FP06005	**Tacoma City of Tacoma Central Treatment Plant Upgrade**				$40,440,000			**$25,870,000**	20	1.5	2
FP04059	**Colville City of Colville Wastewater Treatment Phase 2/3**				**$600,000**	**$600,000**					3, 4
FP04079	**Klickitat PUD Lyle Wastewater Treatment Facility Improvements, Phase III**				**$487,235**	**$292,341**		**$194,894**	20	0	4, 5
FP06015	**Chehalis City of Chehalis Regional Water Reclamation Facility**				**$2,100,000**	**$2,033,333**					6
FP06049	**Clark Conservation District Regional Livestock Inventory**	**1**	**100**	**892.5**	**$239,625**	**$239,625**					
FP06071	**Mason County Dept of Health Services Skokomish Annas Bay Restoration Study**	**2**	**90**	**872**	**$106,755**		**$106,755**				
FP06101	**Clallam County Clallam County On-Site System Management Plan**	**3**	**90**	**855**	**$66,750**	**$66,750**					
FP06074	**Clark Public Utilities Salmon Creek Riparian Restoration**	**4**	**80**	**850**	**$250,000**	**$250,000**					
FP06021	**Adopt-A-Stream Foundation Quilceda Pollution Identification/Correction**	**5**	**100**	**846.5**	**$180,000**		**$180,000**				
FP06016	**Central Klickitat Conservation District Little Klickitat TMDL Implementation Project**	**6**	**90**	**845**	**$250,000**		**$250,000**				
FP06004	**Snohomish County Snohomish County Septic System Program**	**7**	**90**	**842.5**	**$364,500**	**$364,500**					
FP06098	**Clallam Conservation District Dungeness Comprehensive Water Quality Study**	**8**	**100**	**840**	**$87,900**	**$87,900**					
FP06030	**Thurston County Woodland Creek Pollutant Load Reduction**	**9**	**90**	**827.5**	**$240,000**	**$240,000**					
FP06009	**King Conservation District Issaquah Creek TMDL Support**	**10**	**90**	**822.5**	**$195,000**	**$195,000**					

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FP06010	Thurston Conservation District Thurston/Mason Equine Outreach & Education	11	80	822.5	$239,375		$239,375				
FP06013	Underwood Conservation District Wind River Small Acreages for Clean Water	12	90	821.5	$64,125		$64,125				
FP06023	Jamestown S'Klallam Tribe Dungeness Clean Water Strategy Implementation	13	80	817.5	$203,387		$203,387				
FP06067	Mason Conservation District Hood Canal Nutrient Management Program	14	100	812.5	$115,500	$115,500					
FP06027	Yakama Nation Yakama Reservation Water Quality Investigation	15	100	805	$175,500	$175,500					
FP06083	Okanogan Conservation District Bonaparte Creek Implementation Project	16	90	802.5	$250,000	$41,441	$208,559				7
FP06057	South Yakima Conservation District TMDLs in Transition	17	90	802.5	$120,050	$120,050					
FP06044	Roza-Sunnyside Board of Joint Control On Farm Irrigation Conversion Loan Program	18	80	800	$4,000,000			$4,000,000	4	.5	
FP06100	Clallam Conservation District Clallam Water Quality Improvement Project	19	90	797.5	$215,250	$215,250					
FP06087	Hood Canal Salmon Enhancement Group Mission Creeks Water Quality Restoration	20	100	797.5	$60,000		$60,000				
FP06097	Skagit Fisheries Enhancement Group Finney Creek Temperature Reduction	21	90	797.5	$249,375		$249,375				
FP06014	Adams Conservation District Palouse River Watershed Implementation Project	22	90	796	$249,750	$249,750					
FP06075	Kitsap Home Builders Foundation Low Impact Development Standards Implementation	23	90	795	$182,550		$182,550				
FP06070	Mason Conservation District Totten/Eld Inlet TMDL Response	24	100	795	$250,000	$250,000					
FP06017	Snohomish Conservation District Small Farm TMDL Prioritization	25	90	792.5	$188,250	$188,250					

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FP06045	King Co. Dept of Natural Resources and Parks Cottage Lake Phosphorus Reduction	26	100	785	$218,796	$218,796					
FP06034	Nooksack Salmon Enhancement Association South Fork Nooksack Tributaries Restoration	27	80	785	$202,500		$202,500				
FP06018	Snohomish Conservation District Stillaguamish Sub-basin TMDL Improvements	28	100	782.5	$171,750	$171,750					
FP06091	Pend Oreille Conservation District (POCD) Pend Oreille TMDL Data Gathering	29	80	780	$250,000	$250,000					
FP06002	Snohomish County Public Works South Fork Big Trees	30	80	772.5	$332,250	$332,250					
FP06025	Stevens County Conservation District (SCCD) LPOR Watershed Planning and Implementation	31	100	756	$250,000	$250,000					
FP06038	Spokane County Conservation District Spokane County Riparian BMP Program	32	100	753.5	$206,250	$206,250					
FP06011	Thurston Conservation District Deschutes Early Action TMDL Project	33	100	750	$241,441	$241,441					
FP06032	Benton Conservation District Amon Creek Water Quality Program	34	60	745	$218,516	$218,516					
FP06090	Pend Oreille Conservation District (POCD) Pend Oreille County Riparian Restoration	35	100	737.5	$250,000	$250,000					
FP06012	Underwood Conservation District White Salmon Small Farms for Clean Water	36	100	731	$64,125	$64,125					
FP06054	Whatcom Conservation District California Creek Habitat Improvement Initiative	37	90	731	$250,000	$250,000					
FP06065	Clallam County Streamkeepers Enhanced Monitoring & Reporting	38	100	725	$483,891	$483,891					
FP06069	Mason Conservation District Oakland Bay Riparian Area Assessment	39	90	725	$93,750	$93,750					

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FP06040	Spokane County Conservation District Suspended Sediment Reduction Program	40	90	715	$250,000	$250,000					
FP06052	Seattle Public Utilities Thornton Creek Water Quality Channel	41	80	713.5	$7,134,656			$7,134,656	20	1.5	
FP06003	Island County Public Works Freeland Bacteria Source Identification/Remedies	42	90	705	$213,750	$39,511					8
FP06072	Pierce Conservation District South Prairie Creek TMDL Implementation	43	100	702.5	$250,000						9
FP06066	Mason Conservation District Critical Area Buffer Restoration	44	70	690	$114,000						9
FP06073	Pierce Conservation District Upper White River Recovery Monitoring	45	90	680	$140,130						9
FP06099	Palouse-Clearwater Environmental Institute (PCEI) Missouri Flat Creek Urban Riparian Restoration Project	46	100	672.5	$297,131						9
FP06078	Ferry Conservation District Watershed Improvement Project	47	100	670	$250,000						9
FP06076	Illahee Port of Illahee Surface Water Management Plan	48	80	662.5	$201,000						9
FP06086	Brewster City of Wastewater Treatment Plant Upgrade Phase II	49	100	660	$1,000,000	$610,000		$390,000	20	0	4, 10
FP06060	King County Wastewater Treatment Division Vashon Island Treatment Plant Upgrade	50	100	659.5	$5,000,000			$5,000,000	20	1.5	
FP06062	King County Dept. Natural Resources & Parks Barton CSO Control Project Facilities Plan	51	80	657.5	$1,143,247			$1,143,247	20	1.5	
FP06048	Samish Water District Lake Samish Water Quality and Stormwater Monitoring	52	90	645	$147,745						9
FP06081	Mason County Harstene Pointe Outfall Relocation	53	60	644	$662,500			$662,500	20	1.5	

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FP06061	King County Dept. Natural Resources & Parks Murray CSO Control Project Facilities Plan	54	70	638.5	$593,435			$593,435	20	1.5	
FP06092	Pend Oreille Conservation District (POCD) Floodplain/Riparian Obstruction Removal	55	90	638	$200,000						9
FP06059	Clark County Regional Wetland Inventory, Phase 2	56	70	637.5	$243,750						9
FP06080	Vader City of Sewer System Improvements (CIP S-1)	57	100	635.5	$596,400			$596,400	20	1.5	
FP06006	Lewis County Conservation District Dillenbaugh Creek Water Quality Improvement	58	100	633	$250,000						
FP06094	Klickitat County PUD No. 1 Klickitat Wastewater Facilities Improvements Project	59	100	631	$1,513,000	$983,450		$529,550	20	0	4, 10
FP06033	Nooksack Salmon Enhancement Association Terrell Creek / Birch Bay Restoration	60	70	630	$175,000						9
FP06082	Okanogan Conservation District Methow Conservation Technical Assistance	61	100	630	$240,175						9
FP06079	Westport City of Wastewater Treatment Plant Reliability Improvements	62	100	621	$994,000	$352,607		$641,393	20	0	4, 10
FP06084	Okanogan Conservation District Municipal Stormwater Education and Demonstration	63	80	617.5	$93,207						9
FP06050	Whatcom Conservation District Mobile Manure Separator	64	100	602.5	$112,500						9
FP06051	Whatcom Conservation District Nooksack Agricultural Phosphorous Abatement Project	65	60	602.5	$250,000						9
FP06093	Redmond City of - Natural Resources Div of Pub Wks Redmond Water Quality Response Project	66	70	600	$437,871						9
FP06026	Harrington Town of Harrington Wastewater Treatment Plant Improvements	67	0	596	$1,016,946	$508,473		$508,473	20	0	4, 10

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FP06035	Island County Health Department On-Site Repair Financial Assistance Program	68	80	592.5	$300,000			$300,000	5	.5	
FP06077	Sunnyside City of Wastewater Treatment Plant Upgrade	69	70	592.5	$18,175,000	$5,000,000		$11,775,000	20	0	4, 10
FP06019	Vancouver Port of Vancouver Lake Watershed Public Outreach	70	60	592.5	$248,250						9
FP06008	Asotin City of Wastewater Treatment Plant Improvements	71	0	580	$495,000			$495,000	20	1.5	
FP06095	Ritzville City of Ritzville Sewer Lagoons (Leaks & bubbles)	72	90	569	$320,000			$320,000	20	1.5	
FP06058	South Bend City of Wastewater Treatment Plant Improvements	73	0	568.5	$802,750			$802,750	20	1.5	
FP06085	Lincoln County Conservation District Crab Creek Implementation, Lincoln County	74	0	560	$100,000						9
FP06053	Seattle Public Utilities Urban Runoff Treatment	75	50	550	$1,034,000			$1,034,000	20	1.5	
FP06096	King County Dept. Natural Resources & Parks North Beach CSO Control Project Facilities Plan	76	40	547.5	$470,915			$470,915	20	1.5	
FP06056	Moses Lake Irrigation and Rehabilitation District Moses Lake: 4(b) Pollution Control Assessment	77	100	546	$225,000						9
FP06031	Walla Walla County Conservation District Mill Creek Geomorphology	78	100	535	$162,750						9
FP06041	Skagit Conservation Education Alliance Skagit 400-12 Watershed Implementation	79	100	534	$94,920						9
FP06007	Olympus Terrace Sewer District Big Gulch Sanitary Sewer Repair	80	60	533	$1,125,785			$1,125,785	20	1.5	
FP06064	King County Wastewater Treatment Division West Point Influent Screening Improvements	81	90	530	$4,516,833			$3,440,295	20	1.5	11
FP06022	Snohomish Conservation District Island County Critical Aquifer Recharge Area Protection	82	100	517.5	$344,250						9

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FP06024	Stevens County Conservation District (SCCD) WRIA 58 Planning and Implementation	83	100	517.5	$250,000						9
FP06068	Mason Conservation District On-Site Composting For Dog Waste	84	80	502.5	$37,500						9
FP06089	Eatonville Town of Town of Eatonville Wellhead Protection	85	0	500	$111,493						9
FP06037	Spokane County Conservation District Bi-County Direct Seed Assistance Program	86	80	490	$3,000,000			$1,171,253	20	1.5	12
FP06047	Lincoln County Conservation District Lincoln Conservation Technical Assistance Project	87	0	480	$250,000						9
FP06063	King County Dept. Natural Resources & Parks Magnolia CSO Control Project Facilities Plan	88	60	473.5	$818,440						13
FP06043	Battle Ground City of Salmon Creek Flow Augmentation Feasibility	89	90	462.5	$300,000						9
FP06046	King Co. Dept of Natural Resources and Parks King County Lakes Fecal Coliform Assessment	90	80	450	$25,738						9
FP06042	Spokane County Spokane River Public Education Connections	91	100	402.5	$150,000						9
FP06055	Leavenworth City of Integrated Stormwater Master Plan	92	0	401.5	$120,000						9
FP06020	Concrete Town of Concrete Wastewater Treatment Facility	93	100	389	$1,112,601						13
FP06036	Chewelah Peak Learning Center Monitoring Stream Bugs Workshop I, II, III	94	90	320	$7,050						9
FP06029	Richland City of Wastewater Treatment Plant Modification	95	50	292.5	$2,475,556						13
FP06028	Spokane City of Riverside Park Digestion System Upgrade	0	0		$25,000,000						14
FP06039	Spokane County Conservation District Oilseed Processing and Distribution	0	0		$6,000,000						14

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FP06088	**Pacific Conservation District Willapa River TMDL Grant**	**0**	**0**		**$312,500**						14
	Refinance										
FP06001	**Mossyrock City of Wastewater Treatment Plant Loan Refinance**	**0**	**0**		**$490,000**						13
	AMOUNT REQUESTED AND PROPOSED GRAND TOTALS:				**$152,310,920**	**$21,500,000**	**$1,946,626**	**$68,199,546**			

Notes:

Total points reflect an average from two regional evaluator scores. Further conditions relating to funding eligibility, best management practices on private property, Quality Assurance Project Plans, Growth Management Act compliance, or other issues may be included in written correspondence related to any project.

Footnotes:

1. Extended grant payments to Spokane County/City for the Spokane-Rathdrum Prairie aquifer as established in Section 322(1) of Governor Locke's Washington State 2005-07 Biennial Capital Budget.
2. This project is proposed for funding under the Alternative Contracting/Service Agreements in accordance with "pilot" SRF rulemaking provisions for Alternative Contracting/Service Agreements. Applicants are evaluated the year they first apply for funding and are not required to have their projects evaluated during subsequent funding cycles. Projects are then put at the top of the funding offer list each year in relative priority order based on past offer lists until the project is fully funded. This is the third year for this project and therefore it was not ranked, but moved to the top of the list. Funds proposed represents the remaining money identified in the $52 million SRF loan agreement with the city of Tacoma.
3. The applicant was previously determined to meet criteria for financial hardship and awarded a $4.4 million grant from the Centennial and a zero percent interest loan with a 20 year term from the Washington State Water Pollution Control Revolving Loan Program (SRF) for its project during the 2003-05 Biennium. The most recent construction bid estimates provided by the applicant

indicate a shortfall in funding for this critical wastewater infrastructure project and thus the applicant may be proposed additional funding to meet this need.

4. The applicant is proposed to receive grant funds designated for small hardship communities (less than 5000 population) for its wastewater infrastructure project per Governor Locke's Washington State 2005-07 Biennial Capital Budget, Section 322(2).
5. The applicant was previously determined to meet criteria for financial hardship and was awarded a zero percent interest loan with a 20 year term in the amount of $1,268,224 from the SRF and $968,776 in grant funds from the Centennial for its project during the 2003-05 Biennium. The most recent construction bid estimates provided by the applicant indicate a shortfall in funding for this critical wastewater infrastructure project and thus the applicant may be proposed additional funding to meet this need.
6. The applicant was previously determined to meet criteria for financial hardship and awarded $2,966,667 in grant funds from the Centennial and a zero percent interest loan with a 20 year term from the Washington State Water Pollution Control Revolving Loan Program (SRF) for its project during the 2003-05 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 $2,033,333 in Centennial grant funding is being proposed on this FY 2006 list.
7. The amount proposed is a combination Centennial and Section 319 grant.
8. Funds proposed are less than funds requested because this water quality activity project is the last of the priority projects that can be proposed for funding based on the available Centennial dollars reserved for activity projects.
9. The applicant requested grant funding and after higher priority projects were proposed for funding, no grant funds remain available.

Footnotes Continued:

10. The applicant is eligible for financial hardship assistance in accordance with Chapter 173.98 WAC, *Uses and Limitations of the Water Pollution Control Revolving Fund*, and is identified for a zero percent interest loan with a 20 year term from the SRF.
11. Funds proposed are less than funds requested because this water quality facility project is the last of the priority projects that can be proposed for funding based on the available SRF dollars reserved for facility projects.
12. Funds proposed are less than funds requested because this water quality loan eligible activity project is the last of the priority projects that can be proposed for funding based on the available SRF dollars reserved for activity projects.
13. No funds remained available after higher priority projects were offered funding.
14. The project is ineligible for funding consideration.

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SUMMARY OF PROJECTS

FY 2006

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Fiscal Year 2006 Centennial Clean Water Fund, Clean Water Act Section 319 Nonpoint Source Fund, Washington State Water Pollution Control Revolving Fund: Project Summaries

Application number; Applicant name; Description (from application)
FP06001; Mossyrock City of; In 2001, Mossyrock commissioned a 0.297-MGD activated sludge treatment plant for a cost of $2.5 million, partially financed by an RD loan, 40-year term at 4.5%. The current sewer rates are $35.70/month for a low-income community. The City could realize $500,000 in savings with a 20-year SRF loan at 1.5%.
FP06002; Snohomish County Public Works; This project supports riparian restoration on over 27 acres (4.6 stream miles). Planting strategy will focus on using 6' ball & 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.
FP06003; Island County Public Works; Designated uses within the central Freeland drainage basin are threatened due to fecal bacteria contamination. This project would identify specific contamination sources within the basin, implement targeted remedies, and assess the effectiveness of these remedies. This project would serve as a model for addressing bacteria contamination problems in other areas.
FP06004; Snohomish County; Partner with Snohomish Health to address septic contributions in TMDL watersheds. Merge Health District's septic data with Surface Water's GIS system. Analyze TMDL watersheds to identify hotspots. Conduct sanitary surveys and provide technical assistance leading to repairs. Provide watershed-wide prevention-based owner training to ensure proper operation and maintenance. Effectiveness monitoring.
FP06005; Tacoma City of; Design and construct an upgrade to the Central Wastewater Treatment Plant 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; Solids Handling.
FP06006; Lewis County Conservation District; The Lewis County Conservation District will monitor water quality and complete salmon habitat assessments in the Dillenbaugh Creek Watershed. In addition, we will educate and work with stakeholders to restore and protect the water quality in the system. Stakeholders include the City of Chehalis, Lewis County, businesses, schools and residents.
FP06007; Olympus Terrace Sewer District; 8,000 LF of Trunk Sewer was installed in the middle of Big Gulch Creek in the 1960 era. Continuous access for maintenance was not provided at that time. Erosion in the creek due to urban Stormwater runoff has downcut the streambed from 4' to 6'. The trunk sewer has been exposed and the District has made emergency repairs to prevent line rupture. The project will move the sewer out of the creek into a stable trail to be constructed with the project. A hi-flow parallel stormwater bi-pass line will be installed to prevent urban runoff from causing additional environmental degradation. In addition, bio-engineering improvements will be made to the creek channel to repair the damage that has occurred. See copy of pre-design plan sheets (attached) for references.
FP06008; Asotin City of; The City of Asotin is proposing a comprehensive upgrade to their wastewater treatment facility. These improvements will improve the performance and reliability of the treatment plant. Asotin's facility operates under a discharge permit issued by the Department of Ecology and these improvements are needed to ensure compliance with this permit.
FP06009; King Conservation District; The King Conservation District (KCD) will provide small farm owners with education and technical assistance to improve water quality and fish habitat within the Issaquah Creek Basin. The KCD will provide workshops, a rain garden guide, farm tours, site visits and farm planning to address management of bacteria, nutrients, sediment and riparian zones.
FP06010; Thurston Conservation District; Provide education on water quality best management practices (BMPs) to Thurston & Mason County area 4-H horse clubs, horse farms and commercial stables through workshops, materials and farm tours. Project will also provide farm plans, technical assistance and cost-share to horse farm owners implementing BMPs that improve water quality and fish habitat.
FP06011; Thurston Conservation District; Providing 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 Best Management Practices (BMPs) that address water quality issues.
FP06012; Underwood Conservation District; This project is the education and outreach phase of a long-term Watershed Enhancement Program. Objectives include educating small acreage landowners about their impact on water quality, assisting in the implementation of Best Management Practices (BMPs) on small acreages in the watershed and increasing effective shade along stretches of the White Salmon River and its tributaries.

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FP06013; Underwood Conservation District; This project is the education and outreach phase of a long-term TMDL Detailed Implementation Plan and Watershed Enhancement Project. Objectives include educating small acreage landowners about their impact on water quality, assisting in the implementation of BMPs on small acreages in the watershed and increasing effective shade along stretches of the Wind River and its tributaries in order to improve water quality.
FP06014; Adams Conservation District; Lower Palouse River 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 DOE efforts to determine area non-point pollution sources and assist in educating WRIA 34 landowners to further Palouse TMDL development.
FP06015; Chehalis City of; To construct a new WWTP capable of producing class A reclaimed water to irrigate a poplar tree plantation, reconstruct the city's two largest pumping stations to meet new hydraulic requirements, construct a forcemain to convey treated water to the poplar plantation and construct Phase III of poplar tree plantation.
FP06016; Central Klickitat Conservation District; This project is designed to reduce temperatures in the Little Klickitat River by implementing BMP's in common with the goals and objectives of the TMDL's Detailed Implementation Plan. Riparian restoration, habitat improvement, monitoring, and public education and outreach are the activities that will be achieved by this project.
FP06017; Snohomish Conservation District; This project involves implementing Best Management Practices and providing technical assistance to landowners district-wide; however, priority areas, to target efforts, will be based on TMDL's and on an initial inventory of high impact, animal-dense areas and critical surface water sources. Educational events and outreach to landowners will also be a focus.
FP06018; Snohomish Conservation District; This project involves implementing Best Management Practices and providing technical assistance to landowners district-wide; however, priority areas, to target efforts, will be based on TMDL's and on an initial inventory of high impact, animal-dense areas and critical surface water sources. Educational events and outreach to landowners will also be a focus.
FP06019; Vancouver Port of; Funding is requested to implement a public outreach program and conduct a hydrologic study of the Vancouver Lake Watershed. The project is part one of a multi-part Watershed Management Plan to address water quality, public health, fish and wildlife habitat and recreational opportunities.
FP06020; Concrete Town of; The Town of Concrete proposes to replace its existing wastewater treatment facility with a membrane bioreactor wastewater treatment plant. The purposed 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.
FP06021; Adopt-A-Stream Foundation; Conduct a stream survey of portions of Quilceda 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.
FP06022; Snohomish Conservation District; Snohomish Conservation District (SCD) and Whidbey Island Conservation District (WICD) join in this project to address critical ground water and surface water quality issues in Island County through public education and agricultural Best Management Practices (BMP). WICD will provide services to Whidbey Island landowners and SCD to Camano Island landowners.
FP06023; Jamestown S'Klallam Tribe; This proposal will implement three priority actions to achieve goals of two related TMDLs. Program tasks will include freshwater/marine microbial source tracking study; establishing a pet waste program; and effectiveness monitoring of at least three remediation sites. This proposal will match and fill gaps of existing cleanup and monitoring efforts.
FP06024; Stevens County Conservation District (SCCD); There is no water quality assessment for WRIA 58 within Stevens County. This project will conduct an assessment, develop a watershed management plan, and implement portions of the plan as directed by a watershed management committee. The goal is to support characteristic uses designated by Washington water quality standards.
FP06025; Stevens County Conservation District (SCCD); The project will result in a Watershed Management Plan and implementation of some of the recommendations in that plan for the 120,000-acre Little Pend Oreille River Watershed, the number 4 ranked watershed in WRIA 59. Implementation of BMPs to reduce bacteria levels will support the Colville River TMDL.

Application number; Applicant name; Description (from application)
FP06026; Harrington Town of; The project objective is to meet the groundwater quality standards through improvements and modifications to the existing WWTF. 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 lagoon cell, where denitrification will take place in an anoxic environment. After denitrification, wastewater will be routed to the constructed leaky wetland for final polishing and infiltration to groundwater.
FP06027; Yakama Nation; Determine existing conditions of surface waters, to quantify pollutant sources and loads on the Yakima Reservation and discharging to the Yakima River; identify target areas for improvement, and improve water quality through irrigator outreach/education, regulatory enforcement, and application of appropriate TMDL recommendations (BMPs).
FP06028; Spokane City of; The Riverside Park Water Reclamation Facility digestion system upgrades will include two digesters, two mixing systems, two heating systems, a gas utilization system, a solids building, earthen liquid containment area, boiler building relocation, miscellaneous process support systems, and a complete supervisory control and data acquisition system.
FP06029; Richland City of; Conversion of one complete mix activated sludge basis to an anoxic selector system. Replacement of two aeration blowers with higher capacity units. Addition of classifying selector system including attachment of two sumps to the aeration basin effluent channel. Installation of associated piping and electrical components.
FP06030; Thurston County; Urban-level development in the unincorporated Woodland Creek watershed occurred using on-site septic systems and outmoded stormwater systems. Surface and groundwater pollution impairs shellfish harvesting, salmon habitat and water supplies. Project will identify pollution sources and contributory areas; evaluate effectiveness and feasibility of alternatives; and recommend actions to correct these problems.
FP06031; Walla Walla County Conservation District; This project will address unstable conditions in upper Mill Creek by: a) securing the services of a professional fluvial geomorphologist to develop a restoration plan that enhances habitat, improves water quality and restores natural channel function, and, b) educating landowners on fluvial processes and involving them in restoration planning.
FP06032; Benton Conservation District; Urban development encircles most of Amon Creek. The project will establish a comprehensive sampling process to assess water quality, and evaluate this highly urbanized watershed as a source of contaminants to the Yakima River. Land use practices and educational programs will be presented to students, homeowners, and the general populace.
FP06033; Nooksack Salmon Enhancement Association; This project will restore the biological integrity of Terrell Creek through instream and riparian restoration, improve the water quality of Birch Bay to support healthy shellfish harvests, plan and implement adequate water quantity in Terrell Creek and Lake Terrell, and educate the stakeholders in Birch Bay and Terrell Creek watersheds.
FP06034; Nooksack Salmon Enhancement Association; NSEA will improve water quality and salmon habitat in key South Fork Nooksack tributaries degraded by agricultural land use. The project will involve livestock exclusion (2000 feet of fencing), riparian revegetation (40-100 foot buffers) and LWD placement (15 - 20 structures) along over 5000 feet of stream channel.
FP06035; Island County Health Department; The program continues a local loan fund providing financial assistance to private citizens to repair failing on-site sewage systems. A priority system is used to identify and fund failing systems with the most critical water quality, public health, and citizen need for low interest funding.
FP06036; Chewelah Peak Learning Center; Each of the workshops will explore aquatic ecology and relationships of the environment. Emphasis will center on the basic knowledge of aquatic bio-diversity and how biological monitoring for macro-invertebrates function as biotic indicators of a water bodies overall health and ecological condition for wadeable streams. The workshops will also apply current scientific safe handling techniques, scientific taxonomic identification, and fieldwork collection methods conducted by the Washington Department of Ecology Environmental Monitoring Assessment Program (EMAP). Participants will be introduced to the Clean Water Act and the US Environmental Protection Agency Clean Water 319 overview on non-point source pollution programs. The workshop participants will also be provided a resource handbook and computer toolkits Internet link information available for the Water Resource Inventory Area 59, (Colville Watershed).

Application number; Applicant name; Description (from application)
FP06037; Spokane County Conservation District; The Bi-County direct Seeding Assistance program will promote the implementation of direct seeding in Spokane and Adams Counties, resulting in decreased erosion and improved water quality. Low interest loans provided to agricultural producers will facilitate the purchase of direct seeding equipment making the transition to conservation tillage economically feasible.
FP06038; Spokane County Conservation District; This project is the second phase of a current riparian enhancement program. It will identify high priority areas, implement at least 10 miles of riparian buffers and install approximately 4,000 feet of bank erosion structures. Additional BMPs include 2,000 feet of grass waterways, and 15 sediment basins with matching funds.
FP06039; Spokane County Conservation District; The TMDL for the Upper Spokane River, Lake Spokane, and Hangman Creek have goals of reducing Total Phosphorus by 65%-76%, CBOD by 52%-57%, and NH3 by 59%-76%. Incorporating an oilseed into direct seed systems should bring additional acreage under conservation tillage and reduce the nutrient loading in the regions streams.
FP06040; Spokane County Conservation District; This project implements a cost-share program for direct seeding systems to improve water quality. Approximately 5-10 landowners/producers and up to 5,000 acres of nonpoint source (either streamside or direct drainage ways) agricultural land would initially be involved. These demonstration sites, combined with social marketing strategies, will expand adoption of practices.
FP06041; Skagit Conservation Education Alliance; The "Skagit Non-Point Plans' Implementation" project is designed to move forward the recommendations from and implementation of the Samish, Nookachamps, and Padilla Bay/Bay View "Watershed Action Plans" which were published in 1995 as part of the WAC 400-12 process. SCEA was founded in order to lead that effort to implement the plans. This project will also address the closure of recreational shellfish harvesting in Padilla Bay and fecal inputs that are threatening commercial harvest in Samish Bay. SCEA also plans to do public outreach and involvement activities to support and enhance our work as facilitator of community based water quality stewardship.
FP06042; Spokane County; A draft TMDL for dissolved oxygen in the Spokane River and Lake Spokane will be submitted for approval in January 2005. Public education activities will inform and engage citizens regarding the science supporting this TMDL, selecting and supporting alternative implementation strategies, and making behavioral changes to reduce nonpoint pollution sources.
FP06043; Battle Ground City of; The project will evaluate the water quality and quantity impacts to the Salmon Creek Watershed and underlying aquifers by a proposed Water Reclamation Facility near the City of Battle Ground. The project includes data collection and analysis for evaluating feasibility of using reclaimed wastewater to augment streamflows in Salmon Creek.
FP06044; Roza-Sunnyside Board of Joint Control; The Roza-Sunnyside Board of Joint Control proposes irrigation conversion projects to reduce sediment and associated pollutants in the Yakima river. This reduction in sediment delivery will be achieved by converting erosive methods of irrigation to Best Management Practices. Irrigation water management, as well as nutrient and pesticide management, will also be achieved from the converted acreage. The water quality below the Parker Reach of the Yakima River will be improved by reducing the amount of turbidity, nutrients, pesticides, and bacteria associated with sediment loads. The reduction of sediment in the Yakima River will enhance fish and wildlife habitat.
FP06045; King Co. Dept of Natural Resources and Parks; Reduction and control of phosphorus pollution in Cottage Lake and its inlet streams. Project steps will include community education, water quality monitoring, habitat assessment, and habitat restoration. Education will focus primarily on phosphorus reduction at the homeowner and local business level. The education component will also include educating residents and businesses in the area about proper septic system maintenance. Monitoring and assessment will help determine current phosphorus loading to the lake including inlet streams as well as monitor fecal coliform levels in the lake and streams. Restoration projects will focus on shoreline plantings along the lake and stream corridors on private and King County lands.
FP06046; King Co. Dept of Natural Resources and Parks; Sample total fecal coliform and E. coli. at 10 lakes in unincorporated King County with public access and high concentrations of homes utilizing septic systems along the lakeshores. Results will determine whether lakes should be listed on the Washington State 303(d) list. Bi-monthly monitoring will coincide with months of high recreational use: July – October.

Application number; Applicant name; Description (from application)
FP06047; Lincoln County Conservation District; The District will work with Landowners and NRCS to implement agricultural BMPs under the EQIP program that protect, enhance, and restore water quality such as fencing, spring developments, water crossing, and off site watering facilities. We will also conduct water quality effectiveness monitoring and provide photo documentation of improving riparian health.
FP06048; Samish Water District; This project is intended to improve the water quality in Lake Samish by reducing nutrients in stormwater to control blue-green algal blooms. An HSPF model will also be developed to provide a management tool for maintaining summer low flows in the outlet stream, Friday Creek, a salmonid bearing stream.
FP06049; Clark Conservation District; Our project consists of a regional livestock inventory; development of a database and maps for project basins; landowner outreach and assistance; monitoring; and recommendations for long-term conservation strategies reflecting the collected data. This data will be made available to key stakeholders in the region.
FP06050; Whatcom Conservation District; This innovative project will purchase a self contained mobile manure separation device to rent to producers to maintain manure storage. Maintenance of storage structures will reduce risky manure applications, provide district employees time to assess the storage structure's soundness, and reduce nitrogen and phosphorus loading on the farm.
FP06051; Whatcom Conservation District; This project will reduce phosphorous(P) in water by writing and implementing nutrient management plans for livestock producers that include BMPs for managing P; informing producers about P and other water quality issues; assisting producers in obtaining financial assistance to install BMPs; monitoring water quality; advancing practicable options for managing P.
FP06052; Seattle Public Utilities; This project will remove pollutants and attenuate flows from stormwater discharge in Thornton Creek. Stormwater from a 670-acre urban subbasin will be conveyed to a series of water quality swales with sediment basins for treatment. Landscaping and pathways will provide 2.7 acres of public access.
FP06053; Seattle Public Utilities; This project will reduce levels of fecal coliform bacteria in three Seattle creeks (Thornton, Pipers, Longfellow) through disinfection by ultra violet light.
FP06054; Whatcom Conservation District; California Creek drains to important shellfish beds in Drayton Harbor and has experienced water quality degradation from poor farming and rural land use practices. This project will implement Phase I riparian rehabilitation actions and an education program to increase environmental awareness and facilitate behavioral changes to meet freshwater quality goals.
FP06055; Leavenworth City of; This is a Master Plan which utilizes Best Available Science with a "Lanscape Analysis Tool" to create a combined stormwater, critical areas, and green infrastructure plan. This plan will further the City's goals of developing open space while reducing entry of nitrates and fecal coliform into the Wenatchee River Watershed.
FP06056; Moses Lake Irrigation and Rehabilitation District; The Moses Lake Irrigation and Rehabilitation District proposes to develop a Section 4(b), Pollution Control Assessment for Moses Lake. This grant application for Phase I is to conduct an Advanced Monitoring and Source Identification Program. Phase II will be to develop a Water Quality Pollution Plan for Moses Lake.
FP06057; South Yakima Conservation District; Assist landowners and local agencies in transitioning from the Lower Yakima River Suspended Sediment TMDL to the next anticipated TMDL addressing dissolved oxygen and pH violations -- violations that are likely a result of increased aquatic plant growth after decreasing turbidity through successful implementation of the suspended sediment TMDL.
FP06058; South Bend City of; The purpose of the short-term improvements at the City of South Bend's wastewater treatment facility is to bring the facility into compliance with its current NPDES permit limitations for discharge. Improvements at the WWTF will insure NPDES permit requirements are reliably met at design conditions
FP06059; Clark County; The project will entail acquiring and classifying high resolution hyperspectral imagery to improve the accuracy and reliability of a regional wetland inventory. The hyperspectral imagery will be used to delineate vegetation, impervious areas, and soil moisture providing a baseline database for assessing wetland hydrology and hydrologic characteristics of the region.

Application number; Applicant name; Description (from application)
FP06060; King County Wastewater Treatment Division; The Vashon Island treatment plant expansion includes a new oxidation ditch, headworks, two clarifiers, administration building and lab and standby generator. The existing UV disinfection process will be relocated and existing solids facilities utilized. Work will also include erosion control, storm water tank, and some in- water work.
FP06061; King County Dept. Natural Resources & Parks; Development of the Facility Plan 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.
FP06062; King County Dept. Natural Resources & Parks; Development of the Facility Plan 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.
FP06063; King County Dept. Natural Resources & Parks; Development of the Facility 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.
FP06064; King County Wastewater Treatment Division; This project includes modifications to the Raw Sewage Pump Building at the West Point Treatment Plant. Existing bar screens will be replaced with perforated stainless steel plate screens. New screenings process handling trains will be added to increase reliability and redundancy. HVAC modifications will address deficiencies in capacity, pressurization and odor capture.; King County is proposing to modify the West Point Treat Plant influent screening system to 1) reduce operational costs attributed to debris that escapes the existing screening process, 2) reduce the presence of wastewater debris in biosolids; and 3) generate screenings that can continue to be disposed as solid waste.
FP06065; Clallam County; The project would upgrade Streamkeepers' volunteer-monitoring plan and reporting tools to better meet the needs of those working to protect and restore watersheds in Clallam County. The upgraded plan would help to facilitate and implement TMDL's, prevent 303(d) listings, and aid recovery of federally-listed species.
FP06066; Mason Conservation District; Mason Conservation District (MCD) and Mason County Community Development (MCCD) will work cooperatively to restore critical area buffers. MCCD will refer landowners who are not in compliance with the Mason County Restoration Ordinance to MCD. MCD will work with these landowners to develop and implement site-specific Restoration Plans.
FP06067; Mason Conservation District; Develop and Implement agricultural based incentive program to reduce nitrogen discharge into the Hood Canal by converting existing agricultural lands with cover crops that reduce off-site movement of agricultural nutrients. MCDOH will monitor the environmental effects of various nitrogen management options on agricultural lands by groundwater monitoring of Nitrates.
FP06068; Mason Conservation District; Educate landowners on the harmful effects of uncollected dog waste and provide tools to make disposing and composting easy. Help eliminate fecal contaminates from entering waterways by developing on-site composting systems for pet waste. WSU Extension will assist in the development of publications utilized for educational outreach.
FP06069; Mason Conservation District; This project proposes an assessment of streams on the 303 (d) list to identify areas that lack adequate riparian cover. Additionally it will implement projects with landowner and volunteer cooperatives to reestablish riparian areas within Oakland Bay Watershed. Restoration of riparian areas will result in reduced Fecal Coliform and lower water temperatures.
FP06070; Mason Conservation District; TMDL Direct Implementation Plan development at the local level. Early implementation of TMDL through on-site sewage system and agricultural BMP evaluation and implementation, with outreach elements designed to enhance stakeholder participation in TMDL plan development. Follow-up of work performed in watershed to quantify effectiveness of historical efforts.
FP06071; Mason County Dept of Health Services; Water quality monitoring and remediation of 303D listed waters: Monitor upland beach drainages to listed, shellfish downgrade threatened Annas Bay. Identify fecal contamination sources, work with high-risk landowners to educate, develop remediation. Monitor Skokomish River tributaries to identify and remediate bacterial sources. Provide real-world field science to K-12 students.

Application number; Applicant name; Description (from application)
FP06072; Pierce Conservation District; Through this project, the Pierce Conservation District will install 200' native vegetation riparian buffers along 9,000 linear feet of South Prairie Creek and its tributaries, and conduct small farm workshops and install farm best management practices to address the South Prairie Creek TMDL for water temperature and fecal coliform bacteria.
FP06073; Pierce Conservation District; This project is a cooperative effort among five entities. Public education will reduce sedimentation by targeting human caused flood plain disturbances. Water quality, shade and slide monitoring will expand the baseline for evaluation of efforts. Modeling will update salmon recovery predictions and correlate biological integrity with nutrients, sediment and discharge.
FP06074; Clark Public Utilities; 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.
FP06075; Kitsap Home Builders Foundation; This project will work with Kitsap County, Suquamish Tribe and four incorporated cities to develop uniform Low Impact Development standards, assist in adapting and implementing these approaches/ techniques into their permitting processes while building the foundation for providing technical resources and guidance for developers to use "BUILT GREEN" in Kitsap.
FP06076; Illahee Port of; The Port and Kitsap County agencies would develop a Surface Water Management Plan to provide regional SWM that addresses four interrelated issues: natural resource protection, water quality, landuse, and water use through correction of existing stormwater problems and prevention of future water quality and critical habitat degradation from nonpoint pollution.
FP06077; Sunnyside City of; In accordance with the approved Wastewater Facility Plan, the City plans to make major upgrades to the primary clarification, secondary treatment, solids handling, disinfection, and post aeration processes, as well as laboratory and operations facilities. The improvements are necessary to comply with the NPDES permit limits, redundancy requirements, and to provide for future growth.
FP06078; Ferry Conservation District; Watershed Improvement Project is intended to alleviate identified water quality problems in the Kettle River WRIA in regards to 303(d) listed streams downstream and within checker boarded segments of public lands. After the development of a QAPP, we'll create facilitation mechanisms to guide the implementation of projects, and effectiveness monitoring.
FP06079; Westport City of; The purpose of the improvements at the City of Westport's Wastewater Treatment Plant are to bring the facility into compliance with its current NPDES permit limitations for discharge, to comply with Administrative Order DE 1035, and to reliably meet permit requirements into the future while meeting future growth needs.
FP06080; Vader City of; Vader has an older collection system that has excessive I/I. Project S-1 builds on sewer rehabilitation projects S-2 to S-4 that are currently funded by CDBG. Order #DE 99WQ-S233, June 16, 1999, was issued to specially address I/I. In total, these improvements should result in approximately 30% reduction in I/I.
FP06081; Mason County; The purpose of this project is to recertify the geoduck tract Dougall-15500 at Hartstene Pointe, currently unavailable for commercial or recreational use due to the wastewater treatment plant outfall. The proposed method for recertifying this tract is a 2,000 lf extension of the existing outfall pipe in Case Inlet.
FP06082; Okanogan Conservation District; The District will work with NRCS implementing BMPs under various federal and state conservation programs to protect, enhance, and restore water quality using riparian plantings, livestock fencing, and irrigation system improvements. Additionally, water samples will be taken to determine water quality in area streams to provide baseline values.
FP06083; Okanogan Conservation District; Bonaparte Creek has high levels of fecal coliform and sediment. DNA testing will be performed to determine the fecal coliform source(s) and they will be addressed. Identified eroding streambanks will be planted to reduce sediment loads. Education of local residents in conjunction with garbage cleanup and plantings will be conducted.
FP06084; Okanogan Conservation District; The Okanogan Conservation District will work cooperatively with four municipalities (two each in the Okanogan and Methow watersheds) to identify study areas within their boundaries; then install filters in storm drains. Storm drains will be cleaned periodically and tested to estimate amount of pollutants that were removed from the system.

Application number; Applicant name; Description (from application)
FP06085; Lincoln County Conservation District; High pH, temperature, low dissolved oxygen, turbidity, and coliform bacteria have been identified as parameters exceeding water quality standards at times in some reaches of Crab Creek and its tributaries within WRIA 43. This project will address water quality impairments by implementing two riparian restoration projects, effectiveness monitoring and public outreach.
FP06086; Brewster City of; The City Of Brewster Wastewater Treatment Facility Is Facing Non-Compliance With State And Federal Permits For Effluent And Biosolids Handling, And Is Approaching Plant Capacity. This Is Phase II Of Upgrades To Increase Efficiency And Replace Outdated And Marginally Functioning Components Of The Plant And Collection System.
FP06087; Hood Canal Salmon Enhancement Group; The purpose of the grant is to identify the sources of fecal coli form bacteria pollution and contaminants toxic to salmon and shellfish in Mission Creek and Little Mission Creek Watersheds, implement remediation measures and develop a focused community based watershed stewardship program to prevent future water quality degradation.
FP06088; Pacific Conservation District; The Willapa River, TMDL Study, and the Washington State 303(d) List cited the Willapa River for exceeding state water quality standards for temperature, dissolved oxygen, and fecal coliform. Natural Resource Conservation Service farm plans will be developed and implemented and water quality monitored to improve standards in the Willapa River.
FP06089; Eatonville Town of; The Town of Eatonville obtains most of its drinking water from two wells completed in a shallow alluvial aquifer. The aquifer is vulnerable to contamination from transportation accidents, contamination of nearby surface water (Mashel River) and surrounding developed area. A Wellhead Protection Plan will help protect the Town's water supply.
FP06090; Pend Oreille Conservation District (POCD); Implementation of streambank stabilization and/or riparian buffers to reduce non-point source pollution and encourage proper streamside management. Develop a "Riparian Buffer Program Package" including brochures, fact sheets, self-evaluation sheet, and more. Conduct educational events for K-12 and adults on the importance of buffers and their effect on water quality.
FP06091; Pend Oreille Conservation District (POCD); Project will collect field and laboratory water quality data on private lands, targeted, but not limited to, those connecting to USFS "Category 5" reaches, according to "DOE's 2002 / 2004 Proposed Assessment". Sites chosen by POCD, USFS and other agencies will allow a more comprehensive watershed TMDL.
FP06092; Pend Oreille Conservation District (POCD); Remove 200 feet of unimproved road bisecting the Davis Creek floodplain, reducing flooding, removing a fish passage barrier and reestablishing 1.5 miles of habitat connectivity with the Pend Oreille River. In addition, project will remove obstacles (cars, trucks, cement slabs, etc…) embedded in other streams and floodplains throughout the County.
FP06093; Redmond City of - Natural Resources Div of Pub Wks; This project is an innovative watershed-based approach to analyze, and address water quality issues identified in the 1998 303d listings (and the 2004 proposed listings). Redmond wants to take a proactive role in water cleanup initiatives for WRIA 8. Activities associated with this project will include: sampling surface water in subwatersheds, identifying and mitigating pollution sources, developing outreach materials, and use best available science to enhance habitat restoration and engineering efforts.
FP06094; Klickitat County PUD No. 1; This project involves the rehabilitation of the wastewater treatment facilities for the Community of Klickitat. The WWTP will consist of a Recirculating Gravel Filter, UV disinfection, operations building, and a generator. The collection system will be replaced with a small diameter gravity sewer with interceptor tanks to settle solids.
FP06095; Ritzville City of; The City of Ritzville built the sewer lagoons which were completed in 2000. The dikes have sloughed away on 3 of the 4 cells. Bubbles have appeared on the bottom of the liners. D.O.E. has ordered the City to repair the dikes and bubbles in the liner. The City is still paying for the original project.
FP06096; King County Dept. Natural Resources & Parks; Development of the Facility 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.

Application number; Applicant name; Description (from application)
FP06097; Skagit Fisheries Enhancement Group; Finney Creek suffers from abnormally high water temperatures during the summer months which can kill threatened juvenile salmonid species. This project will decrease high summer temperatures in Finney Creek by strategically placing large log jams in the stream to narrow the channel width and increase channel depth.
FP06098; Clallam Conservation District; The goal of this project is to create a plan for water quality improvements and habitat restoration of the estuarine area between Meadowbrook and Cassalery Creeks in the Lower Dungeness Watershed. This will include investigation of the sources of contamination to the three streams in the study area as well as development of restoration strategies for the streams and their associated estuarine habitat.
FP06099; Palouse-Clearwater Environmental Institute (PCEI); The Missouri Flat Creek Urban Riparian Restoration Project will improve water quality by mitigating storm water runoff, stabilizing streambanks, increasing floodplain connectivity, and reestablishing a riparian buffer. The Palouse-Clearwater Environmental Institute, City of Pullman, and Palouse Soil and Water Conservation District will engage community members in the collaborative restoration project.
FP06100; Clallam Conservation District; Technical and financial assistance will be provided to farm operators throughout Clallam County, with a continued emphasis on farms located within the Dungeness drainage that have yet to implement conservation plans. Outreach events include several workshops for farm operators, and a countywide water quality program for 8th grade science students.
FP06101; Clallam County; This project will develop a long-term on-site septic system (OSS) management plan that will identify areas of high risk of pollution from OSS (e.g., marine shorelines, shellfish areas, and susceptible aquifers), and offer recommendations to prevent impacts to public health and the environment.