



DEPARTMENT OF
ECOLOGY
State of Washington

State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan

Centennial Clean Water Program

Clean Water Act Section 319 Program

Stormwater Financial Assistance Program

*Washington State Water Pollution Control
Revolving Fund Program*

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Washington State Water Pollution Control Revolving
Fund Program

by

Financial Management Section

Water Quality Program
Washington State Department of Ecology
Olympia, Washington

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Acronyms and Abbreviations Used

Acronyms and Abbreviations Used	
A/E	Architectural and Engineering
AIS	American Iron and Steel
AS	Additional Subsidization
CEA	Cost and Effectiveness Analysis
Centennial	Centennial Clean Water Fund
CWA	Clean Water Act
CWSRF	Clean Water State Revolving Fund
DBE	Disadvantage Business Enterprise
DEPs	Designated Equivalency Projects
EAGL	Ecology Administration of Grants and Loans (Ecology's electronic system for administering grants and loans)
Ecology	Washington State Department of Ecology
EPA	Environmental Protection Agency
FCA	Financial Capability Assessment
FSRS	FFATA Subaward Reporting System
FFATA	Federal Financial Accountability and Transparency Act
FFY	Federal Fiscal Year
FP	Forgivable Principal
FSP	Fiscal Sustainability Plan
GAAP	Generally Accepted Accounting Principles
GASB	Governmental Accounting Standards Board
GMA	Washington State's Growth Management Act
GPR	Green Project Reserve
IUP	Intended Use Plan
MHI	Median Household Income
RCW	Revised Code of Washington
CWSRF	Washington State Water Pollution Control Revolving Fund
SAA	Single Audit Act
Section 319	The Clean Water Act Section 319 Nonpoint Source Grant Program
SERP	State Environmental Review Process
SFAP	Washington State Stormwater Financial Assistance Program
SFY	State Fiscal Year
Step 1	Planning Project
Step 2	Design Project
Step 3	Construction Project
Step 4	Combined Design and Construction Project
TNP	Total Net Position
WAC	Washington State Administrative Code
WIFIA	Water Infrastructure Finance and Innovation Act
WRIA	Water Resource Inventory Area
WQP	Water Quality Program, Department of Ecology

Introduction

The Washington State Department of Ecology's (Ecology) Water Quality Program (WQP) administers four major funding programs under the Combined Water Quality Financial Assistance Program through an annual funding cycle. Ecology awards grants and loans on a competitive basis to eligible applicants for high-priority water quality projects throughout Washington.

This document, *State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan* (Final List), presents the offered distribution of funding for the State Fiscal Year 2019 (SFY19) Funding Cycle. The Final List also discusses the goals and objectives for meeting water quality priorities and state and federal funding requirements through the four funding programs.

The Final List describes how Ecology intends to use and administer the Washington State Clean Water State Revolving Fund (CWSRF), the Stormwater Financial Assistance Program (SFAP), the Centennial Clean Water Program (Centennial), and the federal Clean Water Act (CWA) Section 319 Program (Section 319). The Final List also serves as the Intended Use Plan (IUP) required by the US Environmental Protection Agency (EPA) for providing information on how Ecology will administer CWSRF. Due to the integrated nature of the funding programs, Ecology publishes one combined document.

Overview of the Funding Programs

CWSRF

CWSRF is a low-interest rate loan program established by Congress under Title VI of the CWA Amendments of 1987 to fund water quality related projects. CWSRF funds a broad range of facility and activity projects, including:

- Planning, design, and construction of wastewater facilities, stormwater facilities, and large onsite sewage systems.
- Planning and implementation of nonpoint source pollution control activities.
- Planning and implementation of estuary conservation and management activities.
- Onsite sewage system repair and replacement programs.

Ecology also uses CWSRF to provide special funding for financially distressed (hardship) communities and for projects or portions of projects that meet one or more of EPA's criteria for green project reserve (GPR).

Ecology receives an annual Capitalization Grant from EPA, based on Congressional appropriation, to help fund CWSRF. The state must provide a 20 percent match of the Capitalization Grant. Each year Ecology estimates the funds available for CWSRF from multiple sources and offers the combined total in new loans to eligible public bodies for high priority water quality projects (see Table 4).

Ecology must manage CWSRF in accordance with state and federal laws and rules, and conditions imposed through the Capitalization Grant. Key state laws and rules include [Chapter 90.50A RCW](#) and [Chapter 173-98 WAC](#).

Interest Rates

Ecology bases interest rates for non-hardship projects on the average market interest rate for tax-exempt municipal bonds. Ecology uses the average 11-Bond GO (General Obligation) Index rate for the period 30-180 days prior to the beginning of a new funding cycle and sets the interest rate, depending on the loan term, at 80 percent, 60 percent, or 30 percent of that average for most projects. Table 1 shows the term and interest rates for standard CWSRF loans for SFY19.

Table 1: SFY19 Interest Rates for Standard CWSRF Loans

Loan Term	Interest Rate for Most Projects	Interest Rate for Nonpoint Source Activity Projects
5 Years	1.0%	0.7%
20 Years	2.0%	1.3%
30 Years	2.6%	2.0%

Hardship for Wastewater Facility Construction Projects

Wastewater facility construction projects funded through CWSRF are eligible for financial hardship consideration if the project meets the following criteria:

- The existing residential population of the service area for the proposed project is 25,000 or less at the time of application.
- Financing the project without subsidy would cause existing residential sewer fees to be two percent or more of the median household income (MHI) for the service area.

If Ecology determines that financial hardship exists, it may structure a funding offer that includes a combination of grant, forgivable principal (FP) loan, and subsidized loan terms. Table 2 shows the hardship interest rate and grant/FP eligibility for SFY19.

Table 2: SFY19 Hardship Interest Rates and Grant/Forgivable Principal Eligibility

Sewer fee divided by MHI is:	Below 2% (non-hardship)	Above 2% but below 3% (moderate hardship)	Above 3% but below 5% (elevated hardship)	Above 5% (severe hardship)
5 years loan term:	1.0%	0.7%	0.3%	0.0%
20 years loan term:	2.0%	1.3%	0.7%	0.0%
30 years loan term:	2.6%	2.0%	1.3%	0.7%
Grant/FP loan eligibility:	Not eligible	50% up to \$5M	75% up to \$5M	100% up to \$5M

Hardship for Wastewater and Stormwater Facility Preconstruction Projects

Wastewater and stormwater facility preconstruction projects (planning and design) funded through CWSRF are eligible for financial hardship consideration if the project meets the following criteria:

- The existing residential population of the service area for the proposed project is 25,000 or less at the time of application.
- The MHI for the proposed service area is less than 80 percent of the state MHI.

Ecology may award applicants that meet these criteria a FP loan and/or a Centennial grant for 50 percent of the eligible preconstruction project costs.

SFAP

SFAP is a state grant program established through legislative appropriation. SFAP funds stormwater facilities and activities that reduce water pollution from stormwater caused by existing infrastructure and development. Cities, counties, and ports are eligible for SFAP grants.

Chapter 173-323 WAC Grants and Loans applies to SFAP. In addition, Ecology must implement the program in accordance with any conditions in the SFAP funding appropriation. Ecology formed a Stormwater Financial Assistance Stakeholder group that developed guidelines for program implementation. These guidelines are integrated into, “Funding Guidelines - State Fiscal Year 2019: Water Quality Financial Assistance” (see <https://fortress.wa.gov/ecy/publications/SummaryPages/1710019.html>).

Hardship for Stormwater Projects Funded Through SFAP

Stormwater projects in cities and counties funded through SFAP are eligible for financial hardship consideration if the project meets the following criteria:

- The existing residential population is 25,000 or less at the time of application.
- The MHI for the city or county is less than 80 percent of the state MHI.

Applicants (cities or counties) that meet these criteria may be awarded a SFAP grant with a match requirement of 15 percent of the total eligible project cost. Non-hardship projects require the standard 25 percent match.

Ports are not eligible for hardship funding under SFAP.

Centennial

Centennial is a state funding program established by the State Legislature in 1986. It provides grants to eligible public bodies for wastewater facility preconstruction and construction in qualified hardship communities and nonpoint source pollution control activity projects. Nonpoint source pollution control projects include:

- Stream restoration and buffers, water quality-focused agricultural best management practices (BMPs).
- Onsite sewage system repair and replacement.
- Stormwater activities.

Although rare, Centennial can also be used to make loans with rates and terms aligned with CWSRF.

Centennial may be funded from various state sources.

Ecology must manage Centennial in accordance with state laws and rules, including [Chapter 70.146 RCW](#) and [Chapter 173-95A WAC](#).

Section 319

Congress established Section 319 as part of the CWA amendments of 1987 to address nonpoint sources of water pollution. Based on Congressional appropriations, EPA offers an annual grant to Washington to implement its plan to control nonpoint sources of pollution, *Washington's Water Quality Management Plan to Control Nonpoint Sources of Pollution*. The grant from EPA requires a 40 percent state match. Ecology provides this match by awarding Centennial grants to nonpoint source pollution control projects.

Section 319 provides grants for a variety of activity projects that address nonpoint sources of pollution. Projects include:

- Stream restoration and buffers.
- Water quality-focused agricultural BMPs.
- Onsite sewage system repair and replacement.
- Stormwater activities.

Projects that implement BMPs are required to collect and report data that estimate load reductions of nitrogen, phosphorus, and sediments. Ecology must report the reductions to EPA annually. Eligible applicants include public bodies and not-for-profit groups.

There are no specific state laws or rules for Section 319, but Ecology uses a combination of federal laws, rules, and guidelines and the Centennial law and rule to govern the program.

Mission, Goals, and Objectives

The overall mission of Ecology is to protect, preserve, and enhance Washington's environment and promote the wise management of our air, land, and water. In addition, the goals of Ecology's WQP include:

- Prevent and reduce water pollution.
- Clean up polluted waters and engage citizens in the work to protect and restore water quality.
- Provide excellent technical and financial assistance.

The following combined list of short- and long-term goals and objectives help achieve the overall mission of Ecology and the WQP through the financial assistance programs.

Short- and Long-term Goals and Objectives

Goal 1: Identify and fund the highest priority water quality focused projects statewide.

Objectives

- Communicate with regional Ecology experts to identify water quality priorities.
- Coordinate with external partners, including advisory groups, tribes, special purpose districts, and state, federal, and local governments for input on water quality priorities.
- Communicate with the Legislature about needs and priorities for funding.

Goal 2: Provide funding through a fair, objective, and transparent process.

Objectives

- Involve stakeholders, including the public, in major funding program development, including rules and funding offer lists.
- Conduct two application Evaluators' meetings with a focus on consistency and objectivity in scoring.

Goal 3: Provide the best possible funding packages for small, financially distressed communities.

Objectives

- Set aside one-third of Centennial for wastewater facility construction projects and wastewater facility preconstruction projects in small communities. The set-aside applies to construction projects that would otherwise result in sewer fees for residential ratepayers that are more than two percent of the median household income (MHI). The set-aside also applies to preconstruction projects in communities with MHI's less than 80 percent of the state MHI.
- Set aside five percent of CWSRF for facility preconstruction projects in small communities with MHIs less than the state MHI. Provide forgivable principal loans and/or Centennial grants in those communities if the MHI is less than 80 percent of the state MHI.
- Reduce the SFAP grant match requirement for stormwater projects in small communities with MHIs less than 80 percent of the state MHI.
- Reduce the CWSRF interest rates for local onsite sewage system repair and replacement programs if they target loans to financially distressed homeowners.

Goal 4: Provide technical assistance to funding applicants and recipients.

Objectives

- Work with EPA, other federal agencies, and other state agencies to ensure effective coordination associated with major federal and state requirements.

- Provide outreach at workshops, conferences, and meetings to present information related to the funding programs and requirements.
- Conduct annual funding applicant training workshops.
- Conduct annual funding recipient training workshops.
- Maintain and update the Water Quality Grants and Loans webpages.

Goal 5: Provide sound financial management of the funding programs and projects.

Objectives

- Evaluate CWSRF annually to ensure the availability of funds in perpetuity as defined by Chapter 173-98 WAC, *Use and Limitations of the Water Pollution Control Revolving Fund*.
- Conduct financial capability assessments of loan recipients prior to signing agreements.
- Coordinate with Ecology's Fiscal Office on overall financial management issues.
- Conduct internal workgroup meetings to identify problems, needs, and emerging issues.
- Coordinate with advisory groups, councils, and other funding agencies and programs.

SFY19 Funding Cycle

The annual funding cycle combines the four major funding programs into one process, using one application and one rating and ranking process, and preparing one prioritized offer list.

Applicants submit applications for funding through the Ecology Administration of Grants and Loans (EAGL) system. Figure 1 is a diagram of the SFY19 Funding Cycle process.

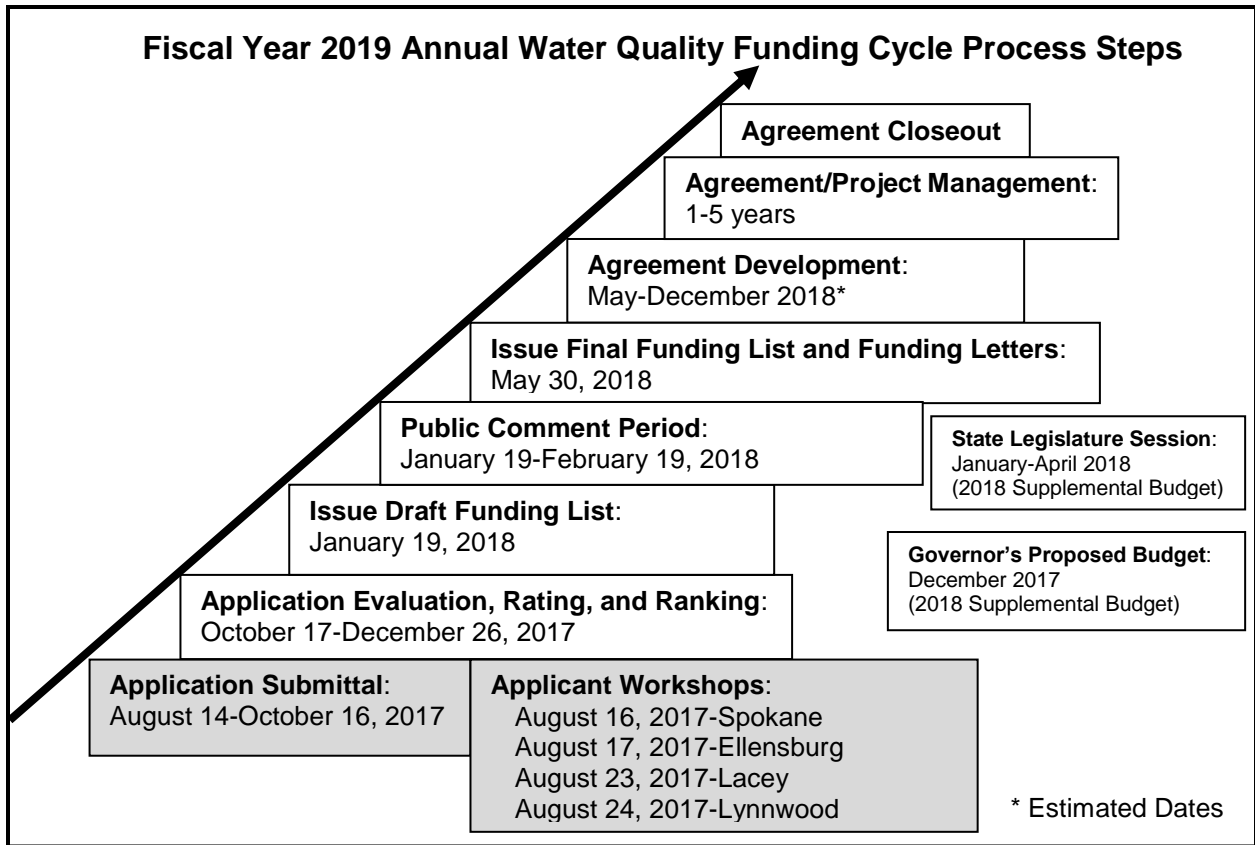


Figure 1: SFY19 Funding Cycle Process

Rating Criteria and Rating and Ranking Process

Rating Criteria

The SFY19 application rating criteria and points are listed in Table 3.

Table 3: SFY19 Application Rating Criteria

Application Rating Criteria and Guidance
Funding Request
<ul style="list-style-type: none"> • 0-15 points: Applicant has identified adequate matching funds. (Full points if no match is required.)
Scope of Work - Additional Tasks
<ul style="list-style-type: none"> • 0-75 points: The scope of work represents a complete and concise description of the project tasks and outcomes, including deliverables. To receive full points, scope of work must align with the schedule and detailed budget.
Task Costs and Budget
<ul style="list-style-type: none"> • 0-50 points: The application demonstrates how the applicant arrived at the cost estimate for each task. The process used by the applicant to develop this estimate is based on real-world data. • 0-85 points: The cost to complete the scope of work is reasonable when compared to similar projects in the region.
Project Team
<ul style="list-style-type: none"> • 0-50 points: Team members' roles and responsibilities are well defined and adequate for the scope of work. Team members' past experience is relevant to the proposed project. Applicant has a plan in place to maintain sufficient staffing levels to complete the project. • 0-15 points: The applicant documents successful performance on other funded water quality projects, including Ecology funded projects. Previously constructed projects provided the water quality benefits described in the project application on time and within budget.
Project Schedule
<ul style="list-style-type: none"> • 0-25 points: The project schedule includes all tasks including pre-project administrative elements such as permitting, MOUs, landowner agreements, etc., and provides sufficient time to complete all elements. • 0-75 points: The applicant is ready to start on the proposed scope of work and can begin drawing down funds.
Project Planning and Development
<ul style="list-style-type: none"> • 0-40 points: Applicant used a complete and well-defined set of criteria to determine the value and feasibility of the proposed project and included the useful life and long-term maintenance costs in their evaluation of the project and project alternatives. • 0-20 points: Applicant has provided documentation showing that key stakeholders have been identified and will support the project.
Water Quality and Public Health Improvements
<ul style="list-style-type: none"> • 0-135 points: Project proposes to reduce or prevent pollution in a waterbody that has been identified as a priority by a local, state or federal agency through the development of a federal, state or local water quality plan. • 0-150 points: The proposed project area is directly connected to the water body identified for improvement and applicant has provided sufficient technical justification to show the proposed project will reduce the pollutants of concern in the water body identified for improvement. • 0-50 points: Applicant has identified how each task will be evaluated in order to determine success, noted if the measure is quantitative or qualitative, and defined a goal. • 0-100 points: The project represents a good value for the water quality benefits that will be achieved. • 0-50 points: Applicant has a plan and commitments in place to fund long-term maintenance and sustain the water quality benefits of this project. • 0-15 points: How well does the applicant and the project address greenhouse gas emission reductions in accordance with RCW 70.235.070?
Financial Hardship
<ul style="list-style-type: none"> • 0 points: If the applicant does not meet the criteria for financial hardship. • 50 points: If the applicant meets the criteria for financial hardship.
Total Possible Points = 1,000

Rating and Ranking Process

Before rating and ranking projects, Ecology headquarters staff screened and verified the general eligibility of each application.

Two Ecology regional staff with water quality technical expertise independently rated each eligible proposal. One evaluator was from the region where the proposal originated, and the other was from a different region. Ecology averaged the two scores to obtain the final score. In cases where the two scores deviated by more than 100 points, an evaluator from Ecology headquarters conducted a third independent evaluation, and staff averaged the two closest scores to obtain the final score.

In order to be eligible for funding, a proposal must have received an overall score of at least 600 points and scored at least 250 points on the Water Quality and Public Health Improvements portion of the application.

Unrated Proposals

Staff determined that five proposals were ineligible for funding. Staff did not rate or rank the ineligible projects.

There were two applications for refinancing debt for a completed wastewater facility construction project. Because Ecology only funds standard refinance projects after all other eligible projects are funded, staff did not rate or rank the refinance projects.

Tiebreakers

If two projects had the same total score, Ecology first used scores on the Water Quality and Public Health Improvements form to break the tie. If a tie remained, Ecology used scores on the Project Schedule form. If a tie still remained, Ecology then used scores on the Task Costs/Budget form to break the tie. If a tie still remained, and both projects were eligible for FP loans, but there was insufficient FP available for both projects, Ecology offered the FP loan to the applicant with the highest unemployment rate.

After completing the rating process, Ecology staff generated the ranked list of project proposals based on the final average scores. The full ranked list is presented in Appendix 1.

Available Funding, Set-asides, and Limits

Funding levels vary from year to year, depending on state and federal appropriations. Administrative rules, program policies, legislative directives, federal grant conditions, and funding levels result in requirements that Ecology set aside portions of the available funding for particular purposes and impose limits on uses and amounts. The set-asides and limitations vary from year to year. The following are some specific funding estimates, set-asides, and limitations for the programs.

CWSRF

There is \$115,000,000 available for CWSRF loans. See Appendix 1a for a list of projects offered CWSRF funding.

The following are set-asides and limits on CWSRF.

- Ten percent of the Capitalization Grant is set-aside for GPR projects.
 - GPR-eligible projects or project elements may receive up to 25 percent FP loan.
- Ten percent of the Capitalization Grant is set aside for FP loans up to a maximum of 30 percent of the Capitalization Grant.
- Seventy-five percent of CWSRF is set aside for wastewater and stormwater facility construction projects.
 - Per Ecology decision for SFY19, no more than \$25,000,000 in this category may be allocated to any single applicant.
 - Wastewater facility construction projects in hardship communities may be eligible for up to 100 percent FP loan and/or Centennial grant.
 - The combined total of CWSRF FP loan and Centennial grant may not exceed \$5,000,000 for any project.
 - A Step 4 (Design and Construction) project may not exceed \$7,000,000 in total costs.
- Twenty percent of CWSRF is set aside for nonpoint source pollution control activities projects.
 - No more than 50 percent of the amount in this category may be allocated to any applicant.
- Five percent of CWSRF is set aside for wastewater and stormwater facility preconstruction projects in communities with populations less than 25,000 and MHIs less than the state MHI. In addition, if the MHI is less than 80 percent of the state MHI, the community may qualify for up to 50 percent FP loan and/or Centennial grant.
 - No more than 20 percent of the amount in this category may be allocated to any applicant.
- Except for GPR, funds may be moved from one category to another if there is limited demand.

SFAP

There is \$26,833,726 available for SFAP grants from new and re-appropriated funding. See Appendix 1d for a list of projects offered SFAP funding.

The following are set-asides and limits on SFAP.

- One-hundred percent is provided to cities, counties, and ports implementing stormwater-related projects.
- Based on the 2017-19 Supplemental Budget, \$10,000,000 “...of the appropriation is provided solely for grants for stormwater retrofit projects consistent with the immediate actions and recommendations developed by the southern resident killer whale recovery efforts that reduce stormwater pollutants in areas where southern resident killer whales are regularly present.” Ecology considers the area affected by this provision to be the Puget Sound Watershed. The Puget Sound Watershed is defined by Water Resource Inventory

Areas (WRIAs) 1 through 19. See Table 13 for offered SFAP funding for projects in the Puget Sound Watershed. The offered SFAP funding for projects in the Puget Sound Watershed in the SFY19 Final List is \$13,069,049, and the total for the 2017-19 Biennium is \$36,750,840.

- The total SFAP project funding provided to any single community may not exceed \$5,000,000.

Centennial

There is \$12,117,829 available for Centennial grants. See Appendix 1b for a list of projects offered Centennial funding.

The following are set-asides and limits on Centennial.

- One-third of for wastewater facility projects in hardship communities.
- One-third of for nonpoint source pollution control activities projects. (This also meets the 40 percent required state match for the EPA grant for Section 319.)
 - Projects awarded a grant of \$250,000 or less may have any combination of cash, interlocal, or other in-kind match.
 - Projects awarded a grant of more than \$250,000 up to the maximum amount of \$500,000 must supply a cash-only match.
- The remaining funding is available competitively to fund either hardship wastewater facility or nonpoint source projects based on ranked priority.
- Funds may be moved from one category to another if there is limited demand.

Section 319

Ecology estimates \$1,500,000 available for Section 319 grants based on the most recent federal grant. **At this time Ecology has not received a Section 319 grant from EPA. Funding for the eight projects offered Section 319 grant is contingent on Ecology's receipt of a federal grant with sufficient Section 319 funds.** See Appendix 1c for a list of projects offered Section 319 funding.

The following are set-asides and limits on Section 319.

- One-hundred percent is for nonpoint source pollution control activities projects.
 - Projects awarded a grant of \$250,000 or less may have any combination of cash, interlocal, or other in-kind match.
 - Projects awarded a grant of more than \$250,000 up to the maximum amount of \$500,000 must supply a cash-only match.

Table 4 shows the estimated SFY19 funding for the various programs, with detailed information on CWSRF. Table 5 summarizes the SFY19 set-asides for each program by category.

Table 4: SFY19 Estimated Available Funding

	Cumulative Through SFY17	Estimated for SFY18	Estimated for SFY19*	Totals
Sources of CWSRF Funds				
Federal Funds Received	\$748,512,460	\$23,056,000	\$27,912,000	\$799,480,460
State Match	\$136,072,112	\$4,611,200	\$5,582,400	\$146,265,712
Principal and Interest Collected	\$848,137,396	\$79,743,552	\$73,223,732	\$1,001,104,680
State Treasurer's Office Interest	\$39,586,477	\$1,183,495	\$1,183,495	\$41,953,467
<i>Subtotals</i>	<i>\$1,772,308,445</i>	<i>\$108,594,247</i>	<i>\$107,901,627</i>	<i>\$1,988,804,319</i>
Uses of CWSRF Funds				
Existing Loan Obligations	\$1,728,739,321	\$115,000,000	---	\$1,843,739,321
Administration from Capitalization Grants	\$29,940,498	\$124,500	\$0	\$30,064,998
<i>Subtotals</i>	<i>\$1,758,679,819</i>	<i>\$115,124,500</i>	<i>\$0</i>	<i>\$1,873,804,319</i>
Total Available for CWSRF Loans	---	---	---	\$115,000,000
Total Available for Centennial Grants	---	---	---	\$12,117,829
Total Available for Section 319 Grants	---	---	---	\$1,500,000
Total Available for SFAP Grants	---	---	---	\$26,833,726
GRAND TOTAL AVAILABLE FUNDING	---	---	---	\$155,451,555

* = The estimated amount of Principal and Interest Collected for SFY19 is partially based on Ecology's cash-flow model.

Table 5: SFY19 Set-asides

Category	Centennial Grants	Section 319 Grants	SFAP Grants	CWSRF Loans
Forgivable Principal Loans (Minimum)				\$2,791,200
Forgivable Principal Loans (Maximum)				\$8,373,600
Green Project Reserve				\$2,791,200
Nonpoint Source Pollution Control Activities	\$4,039,276	\$1,500,000		\$23,000,000
Stormwater Facility and Activity Projects			\$26,833,726	
Wastewater and Stormwater Facility Construction				\$86,250,000
Wastewater and Stormwater Facility Preconstruction				\$5,750,000
Wastewater Facility Construction in Hardship Communities	\$4,039,276			

Demand for Funds, Allocation Process, and Allocation of Funds

Demand for Funds

Ecology received 130 applications for funding. Applicants requested a total of \$415,068,513 in project funding. Table 6 provides a summary of project applications and funding requests by category.

Table 6: SFY19 Funding Requested

Category	Projects	Loan Requested/ Willing to Accept	Grant Requested/ Eligible
Nonpoint Source Pollution Control Activity	56	\$22,312,476	\$14,356,631
Onsite Sewage System	4	\$6,750,000	\$4,500,000
Stormwater Activity	4	\$0	\$690,717
Stormwater Facility	29	\$15,863,461	\$34,774,780
Wastewater Facility - Hardship	7	\$18,908,494	\$11,762,940
Wastewater Facility	28	\$284,324,014	\$0
Wastewater Facility - Refinance	2	\$825,000	\$0
Totals	130	\$348,983,445	\$66,085,068

Allocation Process

Ecology developed the list of projects offered funding and the allocation of funds based on available funds, project priority, project type, funding source requirements, rating scores, and demand. CWSRF loans are only offered to applicants willing to accept loans.

Due to the integrated nature of the process, the allocation of funds does not necessarily strictly follow the project ranking. In cases where the demand for the funds did not meet the set-asides, Ecology shifted the funds to other projects in ranked priority order.

Allocation of Funds

Ecology is proposing grant and loan funding for 69 projects totaling \$155,451,556. The total includes \$12,117,829 from Centennial, \$1,500,000 from Section 319, \$26,833,726 from SFAP, and \$115,000,000 from CWSRF.

Detailed information on all proposals received and offered funding can be found in Appendix 1. Tables 7 through 13 present information on the offered funding for specific categories of significant interest.

- Table 7 summarizes the allocation of offered funding by category, funding program, and funding type.
- Table 8 provides information on the offered CWSRF and Centennial funding for wastewater facility construction projects in hardship communities.
- Table 9 provides information on the offered CWSRF and Centennial funding for wastewater and stormwater facility preconstruction projects in communities of less than 25,000 population with MHIs less than the state MHI.
- Table 10 provides information on the offered CWSRF funding for GPR projects.
- Table 11 provides information on the offered CWSRF FP loan funding.
- Table 12 provides information on the offered CWSRF funding for CWA Section 319 projects.
- Table 13 provides information on the offered funding for projects located in the Puget Sound watershed.

Table 7: SFY19 Summary of Allocation of Funds

Category	Projects	Centennial Grant	Section 319 Grant	SFAP Grant	CWSRF Standard Loan	CWSRF FP Loan
Nonpoint Source Pollution Control Activity	20	\$3,672,512	\$1,500,000	\$0	\$16,250,000	\$0
Onsite Sewage System	2	\$0	\$0	\$0	\$6,750,000	\$0
Stormwater Activity	1	\$0	\$0	\$386,967	\$0	\$0
Stormwater Facility	20	\$0	\$0	\$26,446,759	\$0	\$0
Wastewater Facility - Hardship	7	\$8,445,317	\$0	\$0	\$15,446,662	\$1,369,655
Wastewater Facility	19	\$0	\$0	\$0	\$72,335,734	\$2,847,950
Wastewater Facility - Refinance	0	\$0	\$0	\$0	\$0	\$0
Totals	69	\$12,117,829	\$1,500,000	\$26,833,726	\$110,782,396	\$4,217,605

Table 8: SFY19 Offered CWSRF and Centennial Funding for Wastewater Facility Construction in Hardship Communities

Rank	Application	Applicant	Hardship Level	Centennial Grant	CWSRF Standard Loan	CWSRF Loan Interest Rate	CWSRF FP Loan
1	WQC-2019-Rosalia Water-00142	Rosalia, Town of	Elevated	\$2,926,921	\$3,656,353	1.8%	\$311,300
2	WQC-2019-LongBe-00060	Long Beach city of	Elevated	\$1,832,802	\$4,891,198	1.9%	\$276,000
3	WQC-2019-Toppen-00182	Toppenish city of - Public Works Department	Moderate	\$2,299,228	\$3,760,522	1.4%	\$310,750
5	WQC-2019-Westpo-00178	Westport city of	Moderate	\$248,496	\$437,929	1.4%	\$40,075
19	WQC-2019-Mattaw-00207	Mattawa city of	Moderate	\$1,137,870	\$2,419,130	1.5%	\$150,000
37	WQC-2019-FriHar-00028	Friday Harbor town of	Moderate	\$0	\$92,130	2.0%	\$92,130
48	WQC-2019-Mabton-00128	Mabton city of	Elevated	\$0	\$189,400	2.0%	\$189,400
Totals				\$8,445,317	\$15,446,662		\$1,369,655

Table 9: SFY19 Offered CWSRF and Centennial Funding for Wastewater and Stormwater Facility Preconstruction

Rank	Application	Applicant	Centennial Grant for Preconstruction	CWSRF Standard Loan for Preconstruction	CWSRF FP Loan for Preconstruction
1	WQC-2019-Rosalia Water-00142	Rosalia, Town of		\$311,300	\$311,300
2	WQC-2019-LongBe-00060	Long Beach city of		\$276,000	\$276,000
3	WQC-2019-Toppen-00182	Toppenish city of - Public Works Department		\$310,750	\$310,750
4	WQC-2019-Fernda-00209	Ferndale city of		\$1,519,500	\$0
5	WQC-2019-Westpo-00178	Westport city of		\$40,075	\$40,075
10	WQC-2019-Dayton-00111	Dayton, City of		\$495,000	\$495,000
13	WQC-2019-AberPW-00099	Aberdeen city of - Public Works		\$189,000	\$189,000
19	WQC-2019-Mattaw-00207	Mattawa city of		\$150,000	\$150,000
27	WQC-2019-StJohn-00136	St John town of		\$65,500	\$65,500
29	WQC-2019-Grandview-00092	Grandview city of		\$300,500	\$300,500

Rank	Application	Applicant	Centennial Grant for Preconstruction	CWSRF Standard Loan for Preconstruction	CWSRF FP Loan for Preconstruction
31	WQC-2019-Vaderc-00073	Vader, city of		\$343,000	\$343,000
37	WQC-2019-FriHar-00028	Friday Harbor town of		\$92,130	\$92,130
47	WQC-2019-StevPW-00044	Stevenson city of - Public Works		\$1,410,000	\$575,000
48	WQC-2019-Mabton-00128	Mabton city of		\$189,400	\$189,400
55	WQC-2019-waterv-00081	Waterville town of		\$42,500	\$42,500
59	WQC-2019-RepcPW-00101	Republic city of - Public Works		\$72,325	\$72,325
62	WQC-2019-LuTSD-00155	Lummi Tribal Sewer and Water District		\$506,000	\$506,000
64	WQC-2019-Garfield-00049	Garfield, Town of		\$81,725	\$81,725
70	WQC-2019-FriHar-00085	Friday Harbor town of		\$28,000	\$28,000
71	WQC-2019-Endico-00161	Endicott town of		\$78,400	\$78,400
100	WQC-2019-AberPW-00098	Aberdeen city of - Public Works		\$71,000	\$71,000
Totals				\$6,572,105	\$4,217,605

Table 10: SFY19 Offered CWSRF Funding for Green Project Reserve

Rank	Application	Applicant	GPR Category	CWSRF Standard Loan for GPR	CWSRF FP Loan for GPR
16	WQC-2019-BellPW-00117	Bellingham city of - Public Works Department	1.2-7. Establishment or restoration of permanent riparian buffers, floodplains, wetlands and other natural features, including vegetated buffers or soft bioengineered stream banks. This includes stream day lighting that removes natural streams from artificial pipes and restores a natural stream morphology that is capable of accommodating a range of hydrologic conditions while also providing biological integrity. In highly urbanized watersheds this may not be the original hydrology.	\$208,295	
20	WQC-2019-BellPW-00121	Bellingham city of - Public Works Department	1.2-7. Establishment or restoration of permanent riparian buffers, floodplains, wetlands and other natural features, including vegetated buffers or soft bioengineered stream banks. This includes stream day lighting that removes natural streams from artificial pipes and restores a natural stream morphology that is capable of accommodating a range of hydrologic conditions while also providing biological integrity. In highly urbanized watersheds this may not be the original hydrology.	\$135,438	

Rank	Application	Applicant	GPR Category	CWSRF Standard Loan for GPR	CWSRF FP Loan for GPR
35	WQC-2019-BellPW-00118	Bellingham city of - Public Works Department	1.2-7. Establishment or restoration of permanent riparian buffers, floodplains, wetlands and other natural features, including vegetated buffers or soft bioengineered stream banks. This includes stream day lighting that removes natural streams from artificial pipes and restores a natural stream morphology that is capable of accommodating a range of hydrologic conditions while also providing biological integrity. In highly urbanized watersheds this may not be the original hydrology.	\$1,662,515	
57	WQC-2019-NisqIT-00217	Nisqually Indian Tribe	1.2-7. Establishment or restoration of permanent riparian buffers, floodplains, wetlands and other natural features, including vegetated buffers or soft bioengineered stream banks. This includes stream day lighting that removes natural streams from artificial pipes and restores a natural stream morphology that is capable of accommodating a range of hydrologic conditions while also providing biological integrity. In highly urbanized watersheds this may not be the original hydrology.	\$14,243,752	
93	WQC-2019-CICoPH-00191	Clark County - Public Health Department	4.2-6. Decentralized wastewater treatment solutions to existing deficient or failing onsite wastewater systems.	\$6,000,000	
112	WQC-2019-SkCoHD-00127	Skagit County - Health Department	4.2-6. Decentralized wastewater treatment solutions to existing deficient or failing onsite wastewater systems.	\$750,000	
Totals				\$23,000,000	

Table 11: SFY19 Offered CWSRF Forgivable Principal Loan Funding

Rank	Application	Applicant	CWSRF FP Loan	Additional Subsidization Category
1	WQC-2019-Rosalia Water-00142	Rosalia, Town of	\$311,300	Sustainable Planning or Design
2	WQC-2019-LongBe-00060	Long Beach city of	\$276,000	Sustainable Planning or Design
3	WQC-2019-Toppen-00182	Toppenish city of - Public Works Department	\$310,750	Sustainable Planning or Design
5	WQC-2019-Westpo-00178	Westport city of	\$40,075	Sustainable Planning or Design
10	WQC-2019-Dayton-00111	Dayton, City of	\$495,000	Sustainable Planning or Design
13	WQC-2019-AberPW-00099	Aberdeen city of - Public Works	\$189,000	Sustainable Planning or Design
19	WQC-2019-Mattaw-00207	Mattawa city of	\$150,000	Sustainable Planning or Design
27	WQC-2019-StJohn-00136	St John town of	\$65,500	Sustainable Planning or Design
29	WQC-2019-Grandview-00092	Grandview city of	\$300,500	Sustainable Planning or Design
31	WQC-2019-Vaderc-00073	Vader, city of	\$343,000	Sustainable Planning or Design
37	WQC-2019-FriHar-00028	Friday Harbor town of	\$92,130	Sustainable Planning or Design
47	WQC-2019-StevPW-00044	Stevenson city of - Public Works	\$575,000	Sustainable Planning or Design
48	WQC-2019-Mabton-00128	Mabton city of	\$189,400	Sustainable Planning or Design
55	WQC-2019-waterv-00081	Waterville town of	\$42,500	Sustainable Planning or Design
59	WQC-2019-RepcoPW-00101	Republic city of - Public Works	\$72,325	Sustainable Planning or Design
62	WQC-2019-LuTswD-00155	Lummi Tribal Sewer and Water District	\$506,000	Sustainable Planning or Design
64	WQC-2019-Garfield-00049	Garfield, Town of	\$81,725	Sustainable Planning or Design
70	WQC-2019-FriHar-00085	Friday Harbor town of	\$28,000	Sustainable Planning or Design
71	WQC-2019-Endico-00161	Endicott town of	\$78,400	Sustainable Planning or Design
100	WQC-2019-AberPW-00098	Aberdeen city of - Public Works	\$71,000	Sustainable Planning or Design
Total			\$4,217,605	

Table 12: SFY19 Offered CWSRF Funding for Clean Water Act Section 319 Nonpoint Projects

Rank	Application	Applicant	Project Category	CWSRF Standard Loan	CWSRF FP Loan
16	WQC-2019-BellPW-00117	Bellingham city of - Public Works Department	Non Point Source Activity	\$208,295	
20	WQC-2019-BellPW-00121	Bellingham city of - Public Works Department	Non Point Source Activity	\$135,438	
35	WQC-2019-BellPW-00118	Bellingham city of - Public Works Department	Non Point Source Activity	\$1,662,515	
57	WQC-2019-NisqIT-00217	Nisqually Indian Tribe	Non Point Source Activity	\$14,243,752	
93	WQC-2019-CICoPH-00191	Clark County - Public Health Department	On-Site Sewage System	\$6,000,000	
112	WQC-2019-SkCoHD-00127	Skagit County - Health Department	On-Site Sewage System	\$750,000	
Totals				\$23,000,000	

Table 13: SFY19 Offered Funding for Projects in the Puget Sound Watershed

Rank	App.	Applicant	WRIA	Cent.	Section 319	SFAP	CWSRF Std Loan	CWSRF FP Loan	Total Funding
4	WQC-2019-Fernda-00209	Ferndale city of	01 - Nooksack	\$0	\$0	\$0	\$1,519,500	\$0	\$1,519,500
8	WQC-2019-KCoNRP-00170	King County - Natural Resources and Parks Department	08 - Cedar-Sammamish	\$0	\$0	\$0	\$11,543,000	\$0	\$11,543,000
9	WQC-2019-SeaPUD-00050	Seattle city of - Public Utilities Department	08 - Cedar-Sammamish	\$0	\$0	\$0	\$25,000,000	\$0	\$25,000,000
11	WQC-2019-PoOrPW-00025	Port Orchard city of - Public Works Department	15 - Kitsap	\$0	\$0	\$0	\$4,110,000	\$0	\$4,110,000
15	WQC-2019-KCoNRP-00040	King County - Natural Resources and Parks Department	09 - Duwamish-Green	\$0	\$0	\$0	\$13,457,000	\$0	\$13,457,000
16	WQC-2019-BellPW-00117	Bellingham city of - Public Works Department	01 - Nooksack	\$0	\$0	\$0	\$208,295	\$0	\$208,295
17	WQC-2019-SnohCD-00146	Snohomish Conservation District	07 - Snohomish	\$23,030	\$194,843	\$0	\$0	\$0	\$217,873
20	WQC-2019-BellPW-00121	Bellingham city of - Public Works Department	01 - Nooksack	\$406,314	\$0	\$0	\$135,438	\$0	\$541,752
21	WQC-2019-Fernda-00022	Ferndale city of	01 - Nooksack	\$0	\$0	\$0	\$13,023,284	\$0	\$13,023,284
22	WQC-2019-NookIT-00105	Nooksack Indian Tribe	01 - Nooksack	\$129,826	\$0	\$0	\$0	\$0	\$129,826
33	WQC-2019-LuInBC-00138	Lummi Indian Business Council	01 - Nooksack	\$406,112	\$0	\$0	\$0	\$0	\$406,112
35	WQC-2019-	Bellingham city of - Public	01 - Nooksack	\$500,000	\$0	\$0	\$1,662,515	\$0	\$2,162,515

Rank	App.	Applicant	WRIA	Cent.	Section 319	SFAP	CWSRF Std Loan	CWSRF FP Loan	Total Funding
	BellPW-00118	Works Department							
36	WQC-2019-Adopta-0002	Adopt A Stream Foundation	07 - Snohomish	\$0	\$100,894	\$0	\$0	\$0	\$100,894
37	WQC-2019-FriHar-00028	Friday Harbor town of	02 - San Juan	\$0	\$0	\$0	\$92,130	\$92,130	\$184,260
38	WQC-2019-Renton-00067	Renton city of	08 - Cedar-Sammamish	\$0	\$0	\$1,509,446	\$0	\$0	\$1,509,446
39	WQC-2019-TacoES-00130	Tacoma city of - Environmental Services Department	12 - Chambers-Clover	\$0	\$0	\$3,411,000	\$0	\$0	\$3,411,000
42	WQC-2019-TacoES-00096	Tacoma city of - Environmental Services Department	12 - Chambers-Clover	\$0	\$0	\$1,589,000	\$0	\$0	\$1,589,000
43	WQC-2019-SnohCD-00063	Snohomish Conservation District	08 - Cedar-Sammamish	\$152,129	\$0	\$0	\$0	\$0	\$152,129
44	WQC-2019-KCoNWC-00035	King County - Noxious Weed Control Program	07 - Snohomish	\$250,000	\$0	\$0	\$0	\$0	\$250,000
50	WQC-2019-Adopta-00003	Adopt A Stream Foundation	07 - Snohomish	\$0	\$187,010	\$0	\$0	\$0	\$187,010
51	WQC-2019-SkCoPW-00102	Skagit County - Public Works Department	03 - Lower Skagit-Samish	\$450,647	\$0	\$0	\$0	\$0	\$450,647
53	WQC-2019-Kenmor-00120	Kenmore city of	08 - Cedar-Sammamish	\$0	\$0	\$1,457,250	\$0	\$0	\$1,457,250
57	WQC-2019-NisqIT-00217	Nisqually Indian Tribe	11 - Nisqually	\$0	\$0	\$0	\$14,243,752	\$0	\$14,243,752
62	WQC-2019-LuTSWD-00155	Lummi Tribal Sewer and Water District	01 - Nooksack	\$0	\$0	\$0	\$506,000	\$506,000	\$1,012,000
70	WQC-2019-FriHar-00085	Friday Harbor town of	02 - San Juan	\$0	\$0	\$0	\$28,000	\$28,000	\$56,000
75	WQC-2019-Fernda-00008	Ferndale city of	01 - Nooksack	\$0	\$0	\$33,750	\$0	\$0	\$33,750
76	WQC-2019-MaryPW-00213	Marysville city of - Public Works Department	07 - Snohomish	\$0	\$0	\$386,967	\$0	\$0	\$386,967
80	WQC-2019-EverPW-00052	Everett city of - Public Works Department	07 - Snohomish	\$0	\$0	\$882,773	\$0	\$0	\$882,773
88	WQC-2019-Kenmor-00151	Kenmore city of	08 - Cedar-Sammamish	\$0	\$0	\$1,054,950	\$0	\$0	\$1,054,950

Rank	App.	Applicant	WRIA	Cent.	Section 319	SFAP	CWSRF Std Loan	CWSRF FP Loan	Total Funding
91	WQC-2019-PiCoPW-00020	Pierce County - Public Works and Utility Department	12 - Chambers-Clover	\$0	\$0	\$587,663	\$0	\$0	\$587,663
92	WQC-2019-EdgeCD-00195	Edgewood city of - Community Development	10 - Puyallup-White	\$0	\$0	\$149,250	\$0	\$0	\$149,250
98	WQC-2019-EverPW-00038	Everett city of - Public Works Department	07 - Snohomish	\$0	\$0	\$937,500	\$0	\$0	\$937,500
104	WQC-2019-EverPW-00051	Everett city of - Public Works Department	07 - Snohomish	\$0	\$0	\$1,069,500	\$0	\$0	\$1,069,500
112	WQC-2019-SkCoHD-00127	Skagit County - Health Department	03 - Lower Skagit-Samish	\$0	\$0	\$0	\$750,000	\$0	\$750,000
				\$2,318,058	\$482,747	\$13,069,049	\$86,278,914	\$626,130	\$102,774,898

Unmet Funding

Each year, through the project prioritization and funding distribution process, Ecology tries to support as many priority projects as possible with the resources available. Unfortunately, due to insufficient Centennial grant and/or CWSRF loan, Ecology did not offer funding to many projects that were eligible for funding and attained scores high enough to receive funding. This year most of the eligible SFAP projects are offered funding.

The following tables list the projects that could not be offered funding. Table 14 provides information on the Centennial grant shortfall. Table 15 provides information on the CWSRF loan shortfall.

Table 14: Centennial Grant Shortfall

Application	Score	Rank	Applicant	Project Title	Project Category	County	Centennial Grant Shortfall
WQC-2019-FriHar-00028	834	37	Friday Harbor town of	Friday Harbor Sewer Outfall Replacement	Wastewater Facility - Hardship	SAN JUAN	\$247,856
WQC-2019-Mabton-00128	822.5	48	Mabton city of	Mabton Collection System Project	Wastewater Facility - Hardship	YAKIMA	\$3,069,767
WQC-2019-LeCoCD-00030	817.5	52	Lewis County Conservation District	No Till-Drill for Sediment Reduction in the Chehalis Basin	Non Point Source Activity	LEWIS	\$41,250
WQC-2019-KooCom-00068	813	54	Kooskooskie Commons	Water Quality Improvement in Yellowhawk Creek & W. Little Walla Walla River	Non Point Source Activity	WALLA WALLA	\$159,691
WQC-2019-PomeCD-00090	811	56	Pomeroy Conservation District	Garfield County Watersheds Upland and Instream Sediment Reduction Project	Non Point Source Activity	GARFIELD	\$249,750
WQC-2019-NisqIT-00217	808.5	57	Nisqually Indian Tribe	Mashel River and Ohop Creek Water-Quality Protection	Non Point Source Activity	PIERCE	\$250,000
WQC-2019-CascCD-00088	795	63	Cascadia Conservation District	Wenatchee Watershed Restoration and Clean Water Program	Non Point Source Activity	CHELAN	\$242,536

Application	Score	Rank	Applicant	Project Title	Project Category	County	Centennial Grant Shortfall
WQC-2019-SaJICD-00225	792.5	65	San Juan Islands Conservation District	Improving Water Quality with Agricultural Best Management Practices	Non Point Source Activity	SAN JUAN	\$235,863
WQC-2019-ChCoNR-00184	791.5	67	Chelan County - Natural Resource Department	Mission Creek Water Quality Restoration Phase 2	Non Point Source Activity	CHELAN	\$77,999
WQC-2019-WWCoCD-00023	791.5	68	Walla Walla County Conservation District	Walla Walla County Monitoring and Stream Restoration	Non Point Source Activity	WALLA WALLA	\$106,641
WQC-2019-KCoNRP-00228	791	69	King County - Natural Resources and Parks Department	Crisp Creek Sub-basin Preservation	Non Point Source Activity	KING	\$500,000
WQC-2019-CwCoHH-00069	785	72	Cowlitz County - Health and Human Services Department	Silver Lake Restoration Planning	Non Point Source Activity	COWLITZ	\$130,102
WQC-2019-Summer-00014	784.5	73	Sumner city of	White River Restoration Land Acquisition Phase	Non Point Source Activity	PIERCE	\$500,000
WQC-2019-OkanCD-00045	771.5	77	Okanogan Conservation District	Riparian Best Management Practices	Non Point Source Activity	OKANOGAN	\$250,000
WQC-2019-SkagCD-00042	771	78	Skagit Conservation District	Lower Skagit River Water Quality Improvement Project	Non Point Source Activity	SKAGIT	\$147,225
WQC-2019-PaRoCD-00039	770	79	Palouse Rock Lake Conservation District	Palouse-Rock Lake, Whitman, & Pine Creek CD BMP Partnership	Non Point Source Activity	WHITMAN	\$352,500
WQC-2019-PiCoPW-00015	766	81	Pierce County - Public Works and Utility Department	Pierce County Septic Repair Program	On-Site Sewage System	PIERCE	\$500,000
WQC-2019-FoCrCD-00215	765	82	Foster Creek Conservation District	Foster Creek Riparian Restoration to Improve Water Quality	Non Point Source Activity	DOUGLAS	\$250,000
WQC-2019-SPSSEG-00027	755.5	83	South Puget Sound Salmon Enhancement Group	Deschutes River Mile 21 (RKM 30) TMDL Implementation Project	Non Point Source Activity	THURSTON	\$485,520
WQC-2019-FerrCD-00152	753	84	Ferry Conservation District	IMPROVING WATER QUALITY IN FERRY COUNTY II	Non Point Source Activity	FERRY	\$244,844
WQC-2019-FoCrCD-00203	745.5	85	Foster Creek Conservation District	Douglas County Regional Direct Seed Program with Emphasis on Dyer Hill Area	Non Point Source Activity	DOUGLAS	\$250,000
WQC-2019-WWCoCD-00054	738.5	86	Walla Walla County Conservation District	Walla Walla Riparian Habitat Improvements	Non Point Source Activity	WALLA WALLA	\$119,355
WQC-2019-CowICD-00196	738	87	Cowlitz Conservation District	Cowlitz River Channel Migration and Water Quality	Non Point Source Activity	COWLITZ	\$250,000

Application	Score	Rank	Applicant	Project Title	Project Category	County	Centennial Grant Shortfall
WQC-2019-SnCoPW-00192	733.5	89	Snohomish County - Public Works Department	Snohomish County Savvy Septic Program	On-Site Sewage System	SNOHOMISH	\$500,000
WQC-2019-WWCoCD-00168	732.5	90	Walla Walla County Conservation District	McCaw Phase B Touchet River Restoration Project	Non Point Source Activity	WALLA WALLA	\$250,000
WQC-2019-CiCoPH-00191	722	93	Clark County - Public Health Department	Regional Clean Water Loan Program expansion to improve water quality.	On-Site Sewage System		\$3,000,000
WQC-2019-ChCoNR-00144	711	94	Chelan County - Natural Resource Department	Wenatchee Basin Riparian Restoration	Non Point Source Activity	CHELAN	\$160,405
WQC-2019-KitCCD*-00141	710.5	95	Kittitas County - Conservation District	Wilson Creek Water Quality Improvements	Non Point Source Activity	KITTITAS	\$250,000
WQC-2019-ColVIT-00070	710.5	96	Confederated Tribes Of The Colville Reservation	Similkameen River 3.8 RM Habitat Rehabilitation Project	Non Point Source Activity	OKANOGAN	\$404,298
WQC-2019-BuriPW-00033	710	97	Burien city of - Public Works Department	Miller Creek Realignment and Drainage Improvements	Non Point Source Activity	KING	\$500,000
WQC-2019-SoSaSo-00010	699.5	99	Sound Salmon Solutions	Jones Creek Riparian Restoration	Non Point Source Activity	SNOHOMISH	\$141,251
WQC-2019-PiCoPW-00018	686	101	Pierce County - Public Works and Utility Department	Diru Creek Bank Stabilization	Non Point Source Activity	PIERCE	\$375,000
WQC-2019-YakiWa-00156	685.5	102	Yakima city of - Wastewater Division	Wide Hollow Creek Riparian Restoration Planning Phase	Non Point Source Activity	YAKIMA	\$44,340
WQC-2019-PaRoCD-00206	684	103	Palouse Rock Lake Conservation District	Palouse-Rock Lake and Lincoln County Conservation District BMP Partnership	Non Point Source Activity	WHITMAN	\$247,500
WQC-2019-KiCoDi-00006	650.5	107	King Conservation District	Community-Based Social Marketing to Reduce Pollutant Loading in Lower White	Non Point Source Activity	KING	\$199,545
WQC-2019-ChCoNR-00198	623.5	111	Chelan County - Natural Resource Department	Harmony Meadows Restoration Project	Non Point Source Activity	CHELAN	\$248,966
WQC-2019-SkCoHD-00127	618.5	112	Skagit County - Health Department	Skagit County Non-point Septic Repair Fund	On-Site Sewage System	SKAGIT	\$500,000
Total							\$15,482,204

Table 15: CWSRF Loan Shortfall

Application	Score	Rank	Applicant	Project Title	Project Category	County	CWSRF Loan Shortfall
WQC-2019-KCoNRP-00170	895.5	8	King County - Natural Resources	Joint Ship Canal Water Quality CSO Control	Wastewater Facility	KING	\$9,191,872

Application	Score	Rank	Applicant	Project Title	Project Category	County	CWSRF Loan Shortfall
			and Parks Department				
WQC-2019-SeaPUD-00050	895.5	9	Seattle city of - Public Utilities Department	Ship Canal Water Quality Project	Wastewater Facility	KING	\$15,057,785
WQC-2019-KCoNRP-00040	874	15	King County - Natural Resources and Parks Department	Georgetown Wet Weather Treatment Station (GWWTS)	Wastewater Facility	KING	\$136,940,324
WQC-2019-BellPW-00121	856	20	Bellingham city of - Public Works Department	West Cemetery Creek Water Quality Improvements	Non Point Source Activity	WHATCOM	\$406,314
WQC-2019-Fernda-00022	854.5	21	Ferndale city of	Construction of Ferndale Wastewater Treatment Plant (WWTP) Upgrade	Wastewater Facility	WHATCOM	\$13,602,716
WQC-2019-CoTCIR-00119	851	23	Confederated Tribes of the Chehalis Indian Reservation	Chehalis Tribe Collection System and Plant Upgrade	Wastewater Facility	GRAYS HARBOR	\$2,825,000
WQC-2019-Colfax-00114	845	26	Colfax city of	North Flat Sanitary Sewer Rehabilitation Project	Wastewater Facility	WHITMAN	\$336,592
WQC-2019-Grandview-00092	844.5	29	Grandview city of	Sanitary Sewer Trunk Main Replacement	Wastewater Facility	YAKIMA	\$4,599,000
WQC-2019-FriHar-00028	834	37	Friday Harbor town of	Friday Harbor Sewer Outfall Replacement	Wastewater Facility - Hardship	SAN JUAN	\$1,046,544
WQC-2019-TacoES-00130	833	39	Tacoma city of - Environmental Services Department	Upper Buckley Water Quality Project - North Tacoma 07 Basin	Stormwater Facility	PIERCE	\$4,548,000
WQC-2019-TacoES-00096	830.5	42	Tacoma city of - Environmental Services Department	Manitou Green Infrastructure Project	Stormwater Facility	PIERCE	\$3,895,000
WQC-2019-NorBen-00083	825	45	North Bend city of	North Bend WWTF High Priority Improvements: Phase 1	Wastewater Facility	KING	\$6,967,700
WQC-2019-Spokane-00132	822.5	46	Spokane city of	Post Street Bridge Sewer Line Replacement	Wastewater Facility	SPOKANE	\$8,176,000
WQC-2019-Mabton-00128	822.5	48	Mabton city of	Mabton Collection System Project	Wastewater Facility - Hardship	YAKIMA	\$1,295,633
WQC-2019-waterv-00081	812.5	55	Waterville town of	Collection System Improvements	Wastewater Facility	DOUGLAS	\$805,100
WQC-2019-NisqIT-00217	808.5	57	Nisqually Indian Tribe	Mashel River and Ohop Creek Water-Quality Protection	Non Point Source Activity	PIERCE	\$5,656,162
WQC-2019-FiBaSD-00197	808	58	Fisherman Bay Sewer District	Pumper Truck	Wastewater Facility	SAN JUAN	\$100,000
WQC-2019-Spokane-00148	792	66	Spokane city of	TJ Meenach Water Quality Improvements	Stormwater Facility	SPOKANE	\$5,768,207

Application	Score	Rank	Applicant	Project Title	Project Category	County	CWSRF Loan Shortfall
WQC-2019-EdgeCD-00195	725.5	92	Edgewood city of - Community Development	Edgewood Closed Depression UIC Pilot Project	Stormwater Facility	PIERCE	\$47,500
WQC-2019-AberPW-00098	697	100	Aberdeen city of - Public Works	Aberdeen WWTF Disinfection Improvements, Design & Construction	Wastewater Facility	GRAYS HARBOR	\$1,003,000
WQC-2019-MonrDC-00086	670.5	105	Monroe city of - Design and Construction Division	Blueberry Lane Infiltration/Conveyance	Stormwater Facility	SNOHOMISH	\$1,604,754
WQC-2019-CouCit-00171	Refinance	995	Coulee City town of	Coulee City STP Loan Refinance	Wastewater Facility - Refinance	GRANT	\$705,000
WQC-2019-Metali-00080	Refinance	995	Metaline town of	Metaline STP Refinance FY 2019	Wastewater Facility - Refinance	PEND OREILLE	\$120,000
Total							\$224,698,203

CWSRF Key Conditions

This section addresses several of the key conditions that apply to CWSRF. These conditions are listed alphabetically by topic. Other sections of this document address the remaining key conditions.

Accounting Standards

Recipients must maintain accurate records and accounts for the project in accordance with Generally Accepted Accounting Principles (GAAP) as issued by the Governmental Accounting Standards Board (GASB), including standards related to the reporting of infrastructure assets, or in accordance with the state standards in Chapter 43.09.200 RCW “Local Government Accounting – Uniform System of Accounting”; see <http://app.leg.wa.gov/rcw/default.aspx?cite=43.09.200>.

Additional Subsidization

The FFY18 Capitalization Grant required Ecology to award a minimum of \$2,791,200 in Additional Subsidization (AS) to a maximum of \$8,373,600 in the form of principal forgiveness loans, negative interest rate loans, or grants. Ecology always chooses to award AS in the form of FP loans.

Ecology may award FP loans to the following types of projects:

- Wastewater and stormwater facility preconstruction projects in hardship communities where the project involves sustainable planning or design.
- Wastewater facility construction projects in communities that meet the “affordability” (hardship) criteria described in the *Affordability Criteria* section.

- GPR-eligible projects.

See Table 11 for a list of projects offered AS in the form of FP loans.

Administration Expenses

When CWSRF loans enter repayment, Ecology applies an administration charge to the declining loan balance. Account 564 is used for tracking CWSRF Administration Charge revenue and expenditure activity. The administration charge is currently one percent. Ecology deducts the charge from the loan interest rate for loans with an interest rate greater than one percent. The administration charge does not apply to loans with interest rates less than one percent.

Ecology may use the funds in the account for CWSRF administration purposes or transfer them to the CWSRF account (Account 727) to make them available for loans for high priority water quality projects.

Ecology projects Account 564 to have a balance of \$4,124,833 at the end of SFY18. Ecology projects the balance to be \$3,766,496 at the end of SFY19. Ecology anticipates spending \$1,952,726 from the account in SFY18 and \$1,648,274 from the account in SFY19.

Under the Capitalization Grant, states may choose to cover CWSRF program administration expenses with any of the following:

- Four percent of the Capitalization Grant.
- \$400,000.
- One-fifth of one percent of the Total Net Position (TNP) of the CWSRF fund based on the prior years audited financial reports.

Ecology chooses the four percent of the Capitalization Grant option for SFY19. However, Ecology maintains the option to change the approach in future years.

Because Account 564 contains sufficient funds to cover CWSRF program administration, Ecology intends to fund all SFY19 CWSRF administration expenses with Account 564 funds. Ecology chooses to “bank” the four percent allowed under the Capitalization Grant for administration. See Table 16 for the cumulative banked administration expenses.

Table 16: Cumulative Banked Administration Expenses from Capitalization Grants

Federal Funds Received (Cumulative Projected Through SFY19)	\$799,480,460
Administration Expenses Allowed (Cumulative Projected Through SFY19)	\$31,979,218
Administration Expenses Expended (Cumulative Projected Through SFY19)	\$30,064,998
Administration Expenses Banked (Cumulative Projected Through SFY19)	\$1,914,220

Affordability Criteria

For the purposes of providing AS, Ecology’s “affordability” (hardship) criteria must include the following:

- Income.
- Population trends.
- Unemployment data.

Ecology uses income and population trends during the assessment of eligibility for AS. Ecology uses unemployment data as a rating tiebreaker in cases where two projects are eligible for FP loans, but there is insufficient FP available for both projects, and Ecology is unable to break the tie using the first three tiebreakers as described in the *Tiebreakers* section. In such cases, Ecology will offer the FP loan to the applicant with the highest unemployment rate.

American Iron and Steel

Recipients of CWSRF funding for wastewater and stormwater facility Step 3 (Construction) and Step 4 projects must meet the American Iron and Steel (AIS) requirements. Such projects may use only specific iron and steel products that are produced in the United States. Ecology includes provisions addressing the requirements in all funding agreements for such projects.

Architectural and Engineering Services Procurement

Ecology requires Designated Equivalency Projects (DEPs) to procure architectural and engineering (A/E) services according to the federal requirements found in Chapter 11 of Title 40, U.S.C. (see <http://www.gpo.gov/fdsys/pkg/USCODE-2011-title40/pdf/USCODE-2011-title40-subtitleI-chap11.pdf>). A/E services include, but are not limited to, program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying, mapping, and architectural related services. Ecology includes provisions addressing the requirements in all funding agreements for such projects.

Assurances and Certifications

The 2008 Operating Agreement between Ecology and EPA for CWSRF includes the necessary assurances and certifications required by the EPA and the CWA. The Operating Agreement specifies a number of conditions that must be met for CWSRF. Each Capitalization Grant typically contains additional conditions that must be met. Ecology is committed to being in compliance with all conditions in the Operating Agreement and any additional conditions found in the Capitalization Grant for any given year.

Binding Commitments

Ecology must make binding commitments for 120 percent of the federal funds received within one year following receipt of payment. Table 17 shows that Ecology easily expects to meet the requirement. Table 18 lists all of the projects offered funding for SFY19 through CWSRF in ranked order and the projected binding commitment date.

Table 17: CWSRF Estimated Binding Commitments with Respect to Federal Funds Received

Federal Funds Received (Cumulative Projected Through SFY18)	\$771,568,460
FFY18 Capitalization Grant (for SFY19)	\$27,912,000
Loan Obligations (Cumulative Projected Through SFY19)	\$1,958,739,321
Estimated % Federal Funds Received Under Binding Commitment	254%

Table 18: CWSRF Estimated Schedule of Binding Commitments

Rank	Application	Applicant	CWSRF Loan	Scheduled Binding Commitment Date
1	WQC-2019-Rosalia Water-00142	Rosalia, Town of	\$3,967,653	1/31/2019
2	WQC-2019-LongBe-00060	Long Beach city of	\$5,167,198	1/31/2019
3	WQC-2019-Toppen-00182	Toppenish city of - Public Works Department	\$4,071,272	1/31/2019
4	WQC-2019-Fernda-00209	Ferndale city of	\$1,519,500	1/31/2019
5	WQC-2019-Westpo-00178	Westport city of	\$478,004	9/30/2018
8	WQC-2019-KCoNRP-00170	King County - Natural Resources and Parks Department	\$11,543,000	1/31/2019
9	WQC-2019-SeaPUD-00050	Seattle city of - Public Utilities Department	\$25,000,000	1/31/2019
10	WQC-2019-Dayton-00111	Dayton, City of	\$990,000	11/30/2018
11	WQC-2019-PoOrPW-00025	Port Orchard city of - Public Works Department	\$4,110,000	1/31/2019
13	WQC-2019-AberPW-00099	Aberdeen city of - Public Works	\$378,000	9/30/2018
15	WQC-2019-KCoNRP-00040	King County - Natural Resources and Parks Department	\$13,457,000	1/31/2019
16	WQC-2019-BellPW-00117	Bellingham city of - Public Works Department	\$208,295	9/30/2018
19	WQC-2019-Mattaw-00207	Mattawa city of	\$2,569,130	1/31/2019
20	WQC-2019-BellPW-00121	Bellingham city of - Public Works Department	\$135,438	9/30/2018
21	WQC-2019-Fernda-00022	Ferndale city of	\$13,023,284	1/31/2019
27	WQC-2019-StJohn-00136	St John town of	\$131,000	9/30/2018
29	WQC-2019-Grandview-00092	Grandview city of	\$601,000	11/30/2018
31	WQC-2019-Vaderc-00073	Vader, city of	\$686,000	11/30/2018
35	WQC-2019-BellPW-00118	Bellingham city of - Public Works Department	\$1,662,515	1/31/2019
37	WQC-2019-FriHar-00028	Friday Harbor town of	\$184,260	9/30/2018
47	WQC-2019-StevPW-00044	Stevenson city of - Public Works	\$1,985,000	1/31/2019
48	WQC-2019-Mabton-00128	Mabton city of	\$378,800	9/30/2018
55	WQC-2019-waterv-00081	Waterville town of	\$85,000	9/30/2018
57	WQC-2019-NisqIT-00217	Nisqually Indian Tribe	\$14,243,752	1/31/2019
59	WQC-2019-RepcPW-00101	Republic city of - Public Works	\$144,650	9/30/2018
62	WQC-2019-LuTSD-00155	Lummi Tribal Sewer and Water District	\$1,012,000	1/31/2019
64	WQC-2019-Garfield-00049	Garfield, Town of	\$163,450	9/30/2018
70	WQC-2019-FriHar-00085	Friday Harbor town of	\$56,000	9/30/2018
71	WQC-2019-Endico-00161	Endicott town of	\$156,800	9/30/2018
93	WQC-2019-CiCoPH-00191	Clark County - Public Health Department	\$6,000,000	1/31/2019
100	WQC-2019-AberPW-00098	Aberdeen city of - Public Works	\$142,000	9/30/2018
112	WQC-2019-SkCoHD-00127	Skagit County - Health Department	\$750,000	11/30/2018
Total			\$115,000,001	

By-pass for CWSRF

If an applicant declines the CWSRF funding or CWSRF funds are otherwise unobligated, Ecology will shift the funds to the next project in ranked priority order.

Cost and Effectiveness Analysis

Ecology requires a Cost and Effectiveness Analysis (CEA) for all CWSRF-funded projects. The minimum requirements of a CEA are:

- A study and evaluation of the cost and effectiveness of the processes, materials, techniques, and technologies for carrying out the proposed project or activity.
- The selection, to the maximum extent practicable, of a project or activity that maximizes the potential for efficient water use, reuse, recapture, and conservation, and energy conservation. The selection must take into account:
 - The cost of constructing the project or activity.
 - The cost of operating and maintaining the project or activity over the life of the project or activity.
 - The cost of replacing the project or activity.

The recipient must complete the CEA and provide a certification of completion to Ecology prior to loan signing for activity projects and Step 2 (Design), Step 3, and Step 4 facility projects. The recipient must complete and certify the CEA during the project for Step 1 (Planning) facility projects. The certification is available at <https://www.ecology.wa.gov/DOE/files/53/53a091eb-77b3-49b3-a1f6-7e953cf28dba.pdf>.

CWSRF Benefits Reporting Database

Ecology must enter information on the environmental benefits of all CWSRF-funded projects into EPA's CWSRF Benefits Reporting (CBR) database. Ecology strives to enter project information into CBR the day Ecology's Water Quality Program Manager signs a CWSRF loan agreement.

Davis-Bacon Act Wages

Recipients of CWSRF funding for wastewater and stormwater facility Step 3 and Step 4 projects must comply with the federal Davis-Bacon Act wage requirements. Ecology includes provisions that address the requirements in funding agreements for such projects.

Deposits of the State Match

The Washington State Treasurer deposits into the CWSRF account the state's 20 percent match of the Capitalization Grant on or before the date on which each grant payment is made. Table 19 shows the SFY19 estimated schedule of payments for the FFY18 Capitalization Grant; the state match will be deposited on or before the listed dates. The source of the state match is the Public Works Assistance Account.

Table 19: SFY19 Estimated Schedule of Payments for FFY18 Capitalization Grant

Federal Quarter Beginning	FFY17 Title VI Grant Payments
7/1/2018	\$27,912,000
10/1/2017	\$0
1/1/2018	\$0
4/1/2018	\$0
Total	\$27,912,000

Disadvantaged Business Enterprise

Ecology requires all recipients of federal funding to comply with the federal Disadvantaged Business Enterprise (DBE) standards. Ecology requires all such recipients to report on meeting the DBE standards, and Ecology reports the results to EPA annually.

Drawing Funds from the Capitalization Grant

Ecology's Fiscal Office ensures that the total draws from the Capitalization Grant are at 83.33 percent federal and 16.67 percent state match. Ecology is transitioning to paying out all state matching funds prior to drawing any federal capitalization dollars in an effort to simplify the state match process. This transition is already in place for the pass-through loan funds but still proportional for administrative dollars, which is necessary, based on the appropriation structure in the 2017-19 Biennial Budget. Transition will be complete for FFY18.

Currently, only the FFY16 and FFY17 Capitalization Grants still have funds available.

Equivalency Requirements and Designated Equivalency Projects

“Equivalency requirements” refer to specific requirements EPA applies to Ecology’s funding for CWSRF. “Equivalency” means that Ecology is required to report and/or track compliance with the requirements by CWSRF loan recipients up to an amount equivalent to the amount of the Capitalization Grant Ecology receives from EPA.

The equivalency requirements for CWSRF apply to the following:

- Architectural and engineering (A/E) services procurement.
- Disadvantaged Business Enterprises (DBE).
- Federal Funding Accountability and Transparency Act (FFATA).
- Federal Single Audit Act (SAA).
- Most of the federal cross cutters.
- Signage.

Ecology applies the DBE, FFATA, and signage requirements to all recipients of federal funding.

Ecology applies all the equivalency requirements to DEPs. The core criteria for determining which projects are DEPs are:

- Step 3 and Step 4 wastewater facility projects.
- Population of the applicant is 25,000 or more.

For SFY19, only one project met the criteria and the offered funding was insufficient to meet the minimum required for that project. Ecology extended the criteria to include a Step 2 design wastewater facility project where the applicant’s population is 25,000 or more. Table 20 lists the SFY19 DEPs.

Table 20: SFY19 Designated Equivalency Projects

Rank	Application	Applicant	Population of Applicant	CWSRF Standard Loan
8	WQC-2019-KCoNRP-00170	King County - Natural Resources and Parks Department	2,045,756	\$11,543,000
9	WQC-2019-SeaPUD-00050	Seattle city of - Public Utilities Department	653,017	\$25,000,000
Total				\$36,543,000

Federal Cross Cutters

All DEPs must meet the federal cross cutter requirements described in Ecology’s policy and guidance. The requirements must be met prior to signing a funding agreement for Step 3 projects and prior to beginning construction for Step 4 projects.

Federal Funding Accountability and Transparency Act

Ecology applies the Federal Funding Accountability and Transparency Act (FFATA) to all projects receiving federal funding. Ecology requires all CWSRF funding recipients to complete a FFATA Data Collection Form. Ecology enters information on CWSRF agreements for DEPs into the federal FFATA Subaward Reporting System (FSRS).

Federal Single Audit Act

All recipients of federal funding of \$750,000 or more must comply with the SAA. Compliance typically involves an annual audit from an independent auditor that examines the recipient’s financial management and compliance with rules and conditions associated with receiving the funds.

Ecology’s Fiscal Office sends annual notices to all DEPs regarding their obligations under the SAA. All CWSRF funds disbursed to DEPs are considered “federal” for the purposes of complying with the SAA, regardless of the specific source of the funds.

Financial Capability Assessment

Ecology is required to conduct a Financial Capability Assessment (FCA) for all projects funded in-part with CWSRF loans. Ecology requires applicants of projects offered CWSRF loan funding to submit financial and other information that Ecology uses to conduct a FCA prior to signing a funding agreement. Ecology posts the completed FCAs in the project files in EAGL.

Fiscal Sustainability Plan

Recipients of CWSRF funding for wastewater facility Step 3 and Step 4 projects and stormwater projects with a construction component must certify that they have prepared a Fiscal Sustainability Plan (FSP) or another plan(s). The FSP or other plan(s) must contain at least:

- An inventory of critical assets that are part of the system.
- An evaluation of the condition and performance of the critical assets.
- A plan to maintain, repair, and replace the critical assets and to fund those activities.
- A process to evaluate and implement water and energy conservation efforts as part of the plan.

Recipients must complete a certification and submit it to Ecology prior to loan signing. Ecology requires recipients who do not already have a FSP that meets the minimum requirements to prepare one as part of the Scope of Work for the project and submit a new certification statement upon completion of the FSP. The certification is available at <https://www.ecology.wa.gov/DOE/files/31/31b24dcd-007f-44f9-a071-e50860e5a185.pdf>.

Green Project Reserve

The FFY18 Capitalization Grant required Ecology to award a minimum of \$2,791,200 for projects or portions of projects that meet one or more of EPA's GPR criteria. Ecology must also make a "*timely and concerted solicitation*" of GPR projects. Ecology meets this requirement by explaining the advantages of GPR projects at trainings and in presentations throughout the year. Ecology provides up to 25 percent FP loans to the highest ranked priority GPR-eligible projects. See Table 10 for a list of GPR-eligible projects offered funding.

Loan Terms and Project Life

Loan terms cannot be longer than 30 years or the life of the project being funded, whichever is shorter.

Ecology prepares or obtains documentation regarding the projected project life and posts it in project files in EAGL for all CWSRF-funded projects. Project life is evaluated based on available information, including information provided by the applicant.

National Information Management System Database

Ecology must enter information on all projects funded by CWSRF into the National Information Management System (NIMS) database after the end of each SFY. Ecology enters information on the preceding SFY into NIMS by August 31 each year.

State Environmental Review Process

Recipients of CWSRF funding for wastewater and stormwater facility projects must comply with the State Environmental Review Process (SERP) requirements described in Ecology policy and guidance.

Ecology posts information on SERP determinations at <https://www.ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Water-Quality-grants-and-loans/Environmental-review>.

Timely and Expeditious Use of Funds

In accordance with EPA Memorandum #SRF 99-05, Ecology must execute binding commitments at least equal to the amount of all CWSRF funds available within one year of fund availability. Table 21 shows the projected cumulative funds received, cumulative principal and interest collected, and the cumulative administration expenditures through SFY18 in addition to the projected cumulative loan obligations through SFY19. The table shows that Ecology projects it will commit more than 100 percent of the cumulative funds available through SFY19.

Table 21: Timely and Expeditious Use of Federal Funds

Federal Funds Received (Cumulative Projected Through SFY18)	\$771,568,460
State Match (Cumulative Projected Through SFY18)	\$140,683,312
Principal and Interest Collected (Cumulative Projected Through SFY18)	\$927,880,948
State Treasurer's Office Interest (Cumulative Projected Through SFY18/Cash Basis)	\$40,769,972
Administration From Capitalization Grants (Cumulative Projected Through SFY18)	(\$30,064,998)
Total Funds (Cumulative Projected Through SFY18)	\$1,850,837,694
Loan Obligations (Cumulative Projected Through SFY19)	\$1,958,739,321
Loan Obligations to Total Funds Available	105.8%

Public Outreach and Draft List Comment Period

Public Outreach

Ecology conducted an outreach campaign for the SFY19 Funding Cycle that included notice to our ListServ with several hundred subscribers and all SFY18 applicants. Ecology also held four applicant workshops where staff presented information on the funding programs and the application process. Ecology held the workshops:

- August 16, 2017, in Spokane.

- August 17, 2017, in Ellensburg.
- August 23, 2017, in Lacey.
- August 24, 2017, in Lynnwood.

Ecology also conducted outreach at conferences, meetings, technical workgroups, and other information-sharing sessions whenever possible.

Public Meeting and Comment Period

Ecology held a public meeting on the Draft List on February 1, 2018, at 1:00PM at the Pierce County Library, PAC - Processing and Administrative Center, 3005 112th Street East, Tacoma, WA 98446.

Ecology accepted written comments on the Draft List from January 19, 2018, through 5:00pm on February 19, 2018.

Changes to the Draft List in the Final List

General

- Ecology reevaluated WQC-2019-PiCoPW-00018 as requested by the applicant; see Appendix 3. The reevaluation changed the score for the application from 672.5 to 686.0, and the application changed in rank from 101 to 104. As a result, Ecology lowered the ranking by one for WQC-2019-YakiWa-00156, WQC-2019-PaRoCD-00206, and WQC-2019-EverPW-00051.
- Ecology removed WQC-2019-KCoNRP-00040 from the DEP list shown in Table 20 because Ecology was not involved directly in review and verification of federal cross cutter requirements that were addressed by EPA connected with its funding of this project from the Water Infrastructure Finance and Innovation Act (WIFIA) program.

Centennial Funding

- Ecology increased the grant for WQC-2019-Mattaw-00207 from \$0 to \$1,137,870 to fully fund the project based on financial hardship subsidy eligibility.
- Ecology increased the grant for WQC-2019-Westpo-00178 from \$0 to \$248,496 to fully fund the project based on financial hardship subsidy eligibility.

CWSRF Funding

- The Capitalization Grant for CWSRF increased from \$23,056,000 to \$27,912,000. This change increased the minimum required GPR amount from \$2,305,600 to \$2,791,200, the minimum required AS from \$2,305,600 to \$2,791,200, and the maximum allowed AS from \$6,916,800 to \$8,373,600.

- Ecology decreased the standard loan for WQC-2019-KCoNRP-00040 from \$20,734,872 to \$13,457,000 and increased the CWSRF standard loan for WQC-2019-KCoNRP-00170 from \$4,265,128 to \$11,543,000 as requested by the applicant; see Appendix 3. The total funding offered to the applicant remained at \$25,000,000, the maximum allowed.
- Ecology decreased the standard loan for WQC-2019-Mattaw-00207 from \$3,307,000 to \$2,419,130 to fully fund the project with the loan it is eligible for. In addition, the loan interest rate was changed from “TBD” to 1.5 percent.
- Ecology decreased the standard loan for WQC-2019-Westpo-00178 from \$686,425 to \$437,929 to fully fund the project with the loan it is eligible for. In addition, the loan interest rate was changed from “TBD” to 1.4 percent.
- Ecology increased the standard loan for WQC-2019-Fernda-00022 from \$11,886,918 to \$13,023,284. Funding changes to WQC-2019-Mattaw-00207 and WQC-2019-Westpo-00178 made the additional loan available.
- Ecology changed the loan interest rate for WQC-2019-FriHar-00028 from “TBD” to 2 percent, as the project is only funded for design.
- Ecology changed the loan interest rate for WQC-2019-Mabton-00128 from “TBD” to 2 percent, as the project is only funded for design. In addition, Ecology changed the loan term from 30 years to 20 years because the maximum life for a design is 20 years.

Appendix 1: Combined List of Projects Considered and Offered Funding

Appendix 1 contains a list of all proposals received and offered funding in ranked order and includes a variety of information, including summaries, for each proposal. Appendices 1a through 1d provide a breakout of offered funding for each of the four funding programs.

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Applicant Name:		Rosalia, Town of					Application Number:		WQC-2019-Rosalia Water-001		
Project Title:		Town of Rosalia Wastewater Collection System Improvements			Project Category:		Wastewater Facility		Step 4: Design & Construction		
1	955.5	WHITMAN	\$2,926,921	\$3,967,653	\$2,926,921	\$0	\$3,656,353	\$311,300	\$0	7, 8, 9, 10, 11, 12, 14	

The purpose of this project is to reduce impacts to water quality in Pine Creek and improve public health by replacing and rehabilitating the failing sewer collection system in the Town of Rosalia. The wastewater treatment facility has frequently been unable to meet water quality discharge standards due to the impacts of inflow and infiltration in the sewer collection system. These failures and backups in the system pose a threat to public health.

Applicant Name:		Long Beach city of					Application Number:		WQC-2019-LongBe-00060		
Project Title:		Regional Biosolids Treatment Facility			Project Category:		Wastewater Facility		Step 4: Design & Construction		
2	952.5	PACIFIC	\$1,832,802	\$5,167,198	\$1,832,802	\$0	\$4,891,198	\$276,000	\$0	7, 8, 9, 10, 11, 12, 14	

The proposed project is the design and construction of a Regional Biosolids Treatment Facility at the Long Beach WWTP. The facility will treat Class B biosolids from the City's WWTP and from the Ilwaco WWTP, (includes Seaview Sewer District, Cape Disappointment State Park and the US Coast Guard Station at Cape Disappointment). The combined biosolids will be composted to produce a Class A EQ product that will be available for residential, commercial and City beneficial use applications.

Applicant Name:		Toppenish city of - Public Works Department					Application Number:		WQC-2019-Toppen-00182		
Project Title:		Sewer System Improvements Phase II			Project Category:		Wastewater Facility		Step 4: Design & Construction		
3	927	YAKIMA	\$2,299,228	\$4,071,272	\$2,299,228	\$0	\$3,760,522	\$310,750	\$0	7, 8, 9, 10, 11, 12, 14, 18	

This project will replace and rehabilitate portions of the City's failing collection system infrastructure including gravity sewers, lift stations, and force mains as described in the City's General Sewer Plan. The project will include the City's top priorities identified in the General Sewer Plan, including the Carlson lift station, the South Beech lift station, and the Phase 2 sewer improvements.

Applicant Name:		Ferndale city of					Application Number:		WQC-2019-Fernda-00209		
Project Title:		Design of Ferndale WWTP Upgrade			Project Category:		Wastewater Facility				
4	911	WHATCOM	\$0	\$1,519,500	\$0	\$0	\$1,519,500	\$0	\$0	7, 8, 9, 10, 12	

City of Ferndale is upgrading its existing wastewater treatment facility to address aging equipment, future flow and loading capacity, current standards for redundancy and reliability and discharge permit requirements. Upgrades include new aeration basins, two clarifiers, grit removal facilities, mechanical screening facility with shelter, flow measurement equipment, a Maintenance/UV Building, a Lab/Operations Building, yard piping, controls/instrumentation, and a stormwater infiltration basin.

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Applicant Name:		Westport city of					Application Number:		WQC-2019-Westpo-00178		
Project Title:		Pump Station 12 Upgrades			Project Category:		Wastewater Facility		Step 4: Design & Construction		
5	905	GRAYS HARBOR	\$248,496	\$478,004	\$248,496	\$0	\$437,929	\$40,075	\$0	7, 8, 9, 10, 11, 12, 14	

Westport Pump Station 12 conveys flow into an existing force main on Montesano Street and serves the Hammond Trailer Park and the West Aire Mobile Home Park. The project would design and construct much needed improvements to the pump station to increase its reliability and serviceability. The pump station is in deteriorated condition mechanically and electrically, and is at risk of failure (causing sewage overflows) if not upgraded.

Applicant Name:		Okanogan Highlands Alliance					Application Number:		WQC-2019-OkHiAl-00204		
Project Title:		Triple Creek Water Quality Restoration Project, Phase 2			Project Category:		Nonpoint Source Activity				
6	904	OKANOGAN	\$174,578	\$0	\$0	\$174,578	\$0	\$0	\$0	29, 30, 31	

Phase 2 of the project will improve water quality by building on the floodplain reconnection that began in Phase 1, addressing issues caused by severe channel incision in Myers Creek near Chesaw. Instream structures will aggrade the streambed even higher and add more stream length, improving water quality by re-establishing floodplain processes. Combining instream work with buffer widening and effective outreach, this project will catalyze wetland recovery that restores water quality functions.

Applicant Name:		Lincoln County Conservation District					Application Number:		WQC-2019-LiCoCD-00163		
Project Title:		Mielke WRP Wetland and Riparian Restoration			Project Category:		Nonpoint Source Activity				
7	897	PEND OREILLE	\$118,886	\$0	\$0	\$118,886	\$0	\$0	\$0	29, 30, 31	

This project will implement wetland and riparian restoration on a 110-acre perpetual conservation easement in WRIA 62, Pend Oreille Watershed, which does not meet water quality standards. This private property was previously in agriculture. A USDA-NRCS Wetlands Reserve Program (WRP) easement permanently eliminated cattle grazing, but this exciting work will restore wetlands and riparian areas in a formerly drained and hayed meadow, to benefit wildlife and water quality.

Applicant Name:		King County - Natural Resources and Parks Department					Application Number:		WQC-2019-KCoNRP-00170		
Project Title:		Joint Ship Canal Water Quality CSO Control			Project Category:		Wastewater Facility				
8	895.5	KING	\$0	\$20,734,872	\$0	\$0	\$11,543,000	\$0	\$0	7, 8, 9, 10, 12, 13	

This application includes planning, engineering, and property acquisition for an offline deep storage tunnel to be constructed between the Ballard and Wallingford Combined Sewer Overflow (CSO) areas. The Ship Canal WQ Project will control six major Seattle Public Utilities (SPU) CSO basins and two major King County Department of Natural Resources (DNRP) regulators. It is a joint project between SPU and DNRP. This project is required by both agencies' consent decrees with Ecology and EPA.

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Applicant Name:		Seattle city of - Public Utilities Department					Application Number:		WQC-2019-SeaPUD-00050		
Project Title:		Ship Canal Water Quality Project			Project Category:		Wastewater Facility				
9	895.5	KING	\$0	\$40,057,785	\$0	\$0	\$25,000,000	\$0	\$0	7, 8, 9, 10, 12, 13, 20	

This application includes planning, engineering, and property acquisition for an offline deep storage tunnel to be constructed between the Ballard and Wallingford Combined Sewer Overflow (CSO) areas. The Ship Canal WQ Project will control six major Seattle Public Utilities (SPU) CSO basins and two major King County Department of Natural Resources (DNRP) regulators. It is a joint project between SPU and DNRP. This project is required by both agencies' consent decrees with Ecology and EPA.

Applicant Name:		Dayton, City of					Application Number:		WQC-2019-Dayton-00111		
Project Title:		Wastewater Treatment Plant Design			Project Category:		Wastewater Facility				
10	882.5	COLUMBIA	\$0	\$990,000	\$0	\$0	\$495,000	\$495,000	\$0	7, 8, 9, 10, 12	

The City of Dayton will design a new wastewater treatment plant (WWTP) to comply with the Touchet River/Walla Walla TMDLs set for temperature, pH, fecal coliform bacteria, and dissolved oxygen. The TMDL nutrient wasteload allocations set for the WWTP from the months of May through October are so restrictive that they cannot be met with current nutrient removal technology. The new WWTP will eliminate effluent discharge to the Touchet River and will be in service by October 2022.

Applicant Name:		Port Orchard city of - Public Works Department					Application Number:		WQC-2019-PoOrPW-00025		
Project Title:		Marina Pump Station			Project Category:		Wastewater Facility		Step 4: Design & Construction		
11	882	KITSAP	\$0	\$4,110,000	\$0	\$0	\$4,110,000	\$0	\$0	7, 8, 9, 10, 11, 12	

The purpose of this project is to preserve the Marina Pump Station, the most critical sewer pump station in the City of Port Orchard, from a catastrophic sea wall failure and to increase the capacity and reliability by replacing mechanical and electrical equipment in order to protect the health and safety of the citizens and the water quality of Sinclair Inlet.

Applicant Name:		Lower Columbia Estuary Partnership					Application Number:		WQC-2019-LCEP-00199		
Project Title:		Burnt Bridge Creek Stormwater OSPREY Project			Project Category:		Nonpoint Source Activity				
12	875.5	CLARK	\$110,384	\$0	\$0	\$110,384	\$0	\$0	\$0	29, 30, 31	

The Burnt Bridge Creek Stormwater OSPREY Project will establish a native riparian forest along 3-acres of Burnt Bridge Creek; provide comprehensive stormwater/clean water education to 24 teachers and 672 students from nearby schools; and engage students and parents in native tree plantings at the site. Project activities will address water quality listings on Burnt Bridge Creek (temperature, pH, fecal bacteria, dissolved oxygen) and help implement Ecology's upcoming Burnt Bridge Creek TMDL.

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Applicant Name:		Aberdeen city of - Public Works					Application Number:		WQC-2019-AberPW-00099		
Project Title:		Aberdeen Regional Wastewater Facilities Plan			Project Category:		Wastewater Facility				
13	875	GRAYS HARBOR	\$0	\$378,000	\$0	\$0	\$189,000	\$189,000	\$0	7, 9, 10, 12	

Preparation of a Regional General Sewer / Wastewater Facilities Plan to address the City's wastewater collection and treatment system, focusing on (1) Condition Assessment for Aberdeen WWTP Facilities, (2) Biosolids treatment and management, and (3) Analysis of regional wastewater treatment facilities with the potential to serve the City of Hoquiam, the community of Central Park, the City of Cosmopolis, and the Department of Corrections Stafford Creek Corrections Center (SCC).

Applicant Name:		Pierce Conservation District					Application Number:		WQC-2019-PierCD-00202		
Project Title:		South Prairie Creek TMDL Response 2019			Project Category:		Nonpoint Source Activity				
14	874.5	PIERCE	\$247,500	\$0	\$0	\$0	\$0	\$0	\$0	5	

Through this project the Pierce Conservation District and partners will implement large-scale floodplain reforestation along South Prairie Creek, as detailed in the South Prairie Creek TMDL Detailed Implementation Plan (DOE, 2006). South Prairie Creek was the subject of a TMDL for fecal coliform bacteria and water temperature. The study was completed in 2003. Project partners include the Pierce Conservation District, the Puyallup Tribe of Indians and Pierce County Surface Water Management.

Applicant Name:		King County - Natural Resources and Parks Department					Application Number:		WQC-2019-KCoNRP-00040		
Project Title:		Georgetown Wet Weather Treatment Station (GWWTS)			Project Category:		Wastewater Facility				
15	874	KING	\$0	\$150,397,324	\$0	\$0	\$13,457,000	\$0	\$0	7, 8, 9, 10, 11, 12, 20	

Construct a new 70 million gallon per day capacity wet weather treatment station for treating combined sewer overflow (CSO) wastewater. The project will consist of building a wet-weather treatment station, conveyance pipelines, and an outfall structure to convey and treat combined sewage prior to discharge into the Lower Duwamish Waterway (LDW).

Applicant Name:		Bellingham city of - Public Works Department					Application Number:		WQC-2019-BellPW-00117		
Project Title:		Little Squalicum Estuary Water Quality Improvements			Project Category:		Nonpoint Source Activity				
16	873	WHATCOM	\$500,000	\$208,295	\$0	\$0	\$208,295	\$0	\$0	6, 9, 10, 25, 29	

The project improves water quality in lower Little Squalicum Creek and nearshore Bellingham Bay by restoring an estuary in Little Squalicum Park on the perimeter of the City of Bellingham. The project area contains rare ecological features in an otherwise urban landscape surrounded by commercial, industrial, residential, and institutional land uses. The vegetated saltmarsh and riparian plantings will provide thermal protection and surface water filtration for freshwater and marine inputs.

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Applicant Name:		Snohomish Conservation District					Application Number:		WQC-2019-SnohCD-00146		
Project Title:		Restoration at the Riverfront: Snohomish River at RM 13 Rest			Project Category:		Nonpoint Source Activity				
17	868	SNOHOMISH	\$217,873	\$0	\$23,030	\$194,843	\$0	\$0	\$0	29, 30, 31	

The Snohomish Conservation District will partner with the City of Snohomish to restore a 3 – 4 acre riparian buffer along the right bank of the Snohomish River and a 1.3 – 1.5 acre wetland buffer adjacent to the river on the City’s multi-use park. The project will integrate salmon habitat restoration, water quality improvements, recreation, and agriculture to serve as an example of how these uses can co-exist. The City and District will engage the community through meetings and volunteer events.

Applicant Name:		Spokane County - Stormwater Utility					Application Number:		WQC-2019-SpCoSU-00108		
Project Title:		Wellesley Avenue Stormwater Retrofit			Project Category:		Stormwater Facility				
18	861.5	SPOKANE	\$398,705	\$0	\$0	\$0	\$0	\$0	\$398,705	7, 30	

The Wellesley Stormwater Retrofit Project will add bioretention swales that provide water quality treatment for 2.1 miles of high-traffic road in an area where polluted stormwater is currently directly injected into the subsurface untreated. The project is in a Critical Aquifer Recharge Area over the Spokane Valley-Rathdrum Prairie Aquifer which is designated a Sole Source Aquifer by the EPA. The project may also coincide with a County road resurfacing project, resulting in cost savings.

Applicant Name:		Mattawa city of					Application Number:		WQC-2019-Mattaw-00207		
Project Title:		Mattawa Wastewater Treatment Facility Improvements			Project Category:		Wastewater Facility		Step 4: Design & Construction		
19	857	GRANT	\$1,137,870	\$2,319,130	\$1,137,870	\$0	\$2,419,130	\$150,000	\$0	7, 8, 9, 10, 11, 12, 14	

The City of Mattawa will design and construct upgrades to its wastewater treatment facility to address State Waste Discharge violations, solids handling issues, reliability/redundancy concerns and insufficient treatment capacity.

Applicant Name:		Bellingham city of - Public Works Department					Application Number:		WQC-2019-BellPW-00121		
Project Title:		West Cemetery Creek Water Quality Improvements			Project Category:		Nonpoint Source Activity				
20	856	WHATCOM	\$406,314	\$541,752	\$406,314	\$0	\$135,438	\$0	\$0	9, 10, 24, 29, 30, 31	

This project will directly address a high-priority water quality impairment within a semi-urban watershed for the purposes of protecting biotic integrity, anadromous fish, and previously-installed water quality and habitat improvements downstream of this project site. This project will implement solutions to address extensive sediment migration within West Cemetery Creek, which will in turn protect and restore natural processes in the Whatcom Creek corridor.

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Applicant Name:		Ferndale city of					Application Number:		WQC-2019-Fernda-00022		
Project Title:		Construction of Ferndale Wastewater Treatment Plant (WWTP)			Project Category:		Wastewater Facility				
21	854.5	WHATCOM	\$0	\$26,626,000	\$0	\$0	\$13,023,284	\$0	\$0	7, 8, 9, 10, 11, 12, 19	

City of Ferndale is upgrading its existing wastewater treatment facility to address aging equipment, future flow and loading capacity, current standards for redundancy and reliability and discharge permit requirements. Upgrades include new aeration basins, two clarifiers, grit removal facilities, mechanical screening facility with shelter, flow measurement equipment, a Maintenance/UV Building, a Lab/Operations Building, yard piping, controls/instrumentation, and a stormwater infiltration basin.

Applicant Name:		Nooksack Indian Tribe					Application Number:		WQC-2019-NookIT-00105		
Project Title:		South Fork Nooksack Temperature TMDL Implementation			Project Category:		Nonpoint Source Activity				
22	853	WHATCOM	\$129,826	\$0	\$129,826	\$0	\$0	\$0	\$0	29, 30, 31	

The Nooksack Tribe proposes a riparian restoration project in degraded streamside forest stands along the South Fork Nooksack River. The project covers conifer planting and maintenance in 48.6 acres of deciduous riparian forest at three sites. The project is designed to set sites on the trajectory to mature coniferous forest. This project implements the recommendations of the Draft South Fork Nooksack Temperature TMDL and the associated EPA Region 10 Climate Change and TMDL Pilot.

Applicant Name:		Confederated Tribes of the Chehalis Indian Reservation					Application Number:		WQC-2019-CoTCIR-00119		
Project Title:		Chehalis Tribe Collection System and Plant Upgrade			Project Category:		Wastewater Facility		Step 4: Design & Construction		
23	851	GRAYS HARBOR	\$0	\$2,825,000	\$0	\$0	\$0	\$0	\$0	4	

This application is for design and construction of the Chehalis Tribe's new wastewater collection system and treatment plant upgrades. The new collection system will serve existing residential areas and the community non-residential area and the planned growth in those areas. The new collection system will convey wastewater to the Lucky Eagle Casino Treatment Facility (WWTF) and from there the effluent will be dispersed into the existing constructed wetlands.

Applicant Name:		Spokane County - Stormwater Utility					Application Number:		WQC-2019-SpCoSU-00107		
Project Title:		Day Mt. Spokane Road Stormwater Retrofit			Project Category:		Stormwater Facility				
24	850.5	SPOKANE	\$675,437	\$0	\$0	\$0	\$0	\$0	\$675,437	7, 30	

The Day Mt. Spokane Stormwater Retrofit Project will add bioretention swales that provide water quality treatment for 0.8 miles of high-traffic road in an area where polluted stormwater is currently directly injected into the subsurface untreated. The project is in a Critical Aquifer Recharge Area near the Spokane Valley-Rathdrum Prairie Aquifer which is designated a Sole Source Aquifer by the EPA. The project may also coincide with a County road resurfacing project, resulting in cost savings.

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Applicant Name:		Kittitas County - Conservation District					Application Number:		WQC-2019-KitCCD*-00078		
Project Title:		Upper Yakima River Restoration			Project Category:		Nonpoint Source Activity				
25	847	KITTITAS	\$354,535	\$0	\$354,535	\$0	\$0	\$0	\$0	29, 30	

KCCD working with KCT to utilize funds to improve water quality by enhancing river and floodplain function in a highly productive, flow regulated reach of the Upper Yakima River. Project elements include improving connectivity to existing riparian areas and floodplains through side channel reconnection, installation of large wood to raise water surface elevations and divert flow, and installing riparian revegetation to improve shading to lower water temperatures in a salmon bearing river system.

Applicant Name:		Colfax city of					Application Number:		WQC-2019-Colfax-00114		
Project Title:		North Flat Sanitary Sewer Rehabilitation Project			Project Category:		Wastewater Facility				
26	845	WHITMAN	\$0	\$336,592	\$0	\$0	\$0	\$0	\$0	4	

Replace 3600' of existing concrete Sanitary sewer pipe. In 2018 the City of Colfax will be doing full depth reconstruction on the North Flat, thanks to a grant from the Transportation Improvement Board. The City has also elected to replace the sanitary sewer line as well as the Water line. In the Spring of 2017 the City experienced an unprecedented amount of precipitation that led to a high amount of I&I. This resulted in the City bypassing untreated waste water into the Palouse River.

Applicant Name:		St John town of					Application Number:		WQC-2019-StJohn-00136		
Project Title:		St. John Wastewater Facilities Plan			Project Category:		Wastewater Facility				
27	845	WHITMAN	\$0	\$131,000	\$0	\$0	\$65,500	\$65,500	\$0	7, 9, 10, 12	

The Town's 60-plus year-old wastewater treatment plant (WWTP) is having difficulties complying with its NDPEs permit requirements due to age, high seasonal flows, and stringent effluent discharge requirements for the existing WWTP. The Wastewater Facilities Plan would provide the technical, environmental, and financial basis and the recommendations for the site and treatment process selection, construction, and financing of a new WWTP to comply with its NPDES permit.

Applicant Name:		Spokane County - Stormwater Utility					Application Number:		WQC-2019-SpCoSU-00106		
Project Title:		Wall Street Phase 2 (Greta Ave to Jay Ave) Stormwater Retrofit			Project Category:		Stormwater Facility				
28	844.5	SPOKANE	\$1,241,749	\$0	\$0	\$0	\$0	\$0	\$1,241,749	7, 30	

This project will improve water quality in the Spokane Valley-Rathdrum Prairie Aquifer, the Little Spokane River, and two municipal drinking water wells, by conveying untreated stormwater runoff from Wall Street, between Greta and Jay, to the existing County-owned Price and Wall Regional Stormwater Facility (2008) in north Spokane County. The project will capture and treat stormwater runoff for Total Suspended Solids (TSS), oil (Total Petroleum Hydrocarbons), Dissolved Copper and Zinc.

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Applicant Name:		Grandview city of					Application Number:		WQC-2019-Grandview-00092		
Project Title:		Sanitary Sewer Trunk Main Replacement			Project Category:		Wastewater Facility		Step 4: Design & Construction		
29	844.5	YAKIMA	\$0	\$5,200,000	\$0	\$0	\$300,500	\$300,500	\$0	7, 8, 9, 10, 11, 12, 17	

This project includes replacement of 2.5 miles of existing sanitary sewer trunk main that conveys all wastewater from the City's collection system to its treatment plant. The existing trunk main has exceeded its expected useful life and has signs of severe deterioration. Recent collapse of part of the sewer trunk main has revealed its poor condition. These improvements will reduce the potential for release of untreated sewage into the Yakima River, and risk of severe environmental degradation.

Applicant Name:		Palouse Conservation District					Application Number:		WQC-2019-PaloCD-00165		
Project Title:		Palouse Basin BMP Implementation for Water Quality Improv			Project Category:		Nonpoint Source Activity				
30	844	WHITMAN	\$499,919	\$0	\$499,919	\$0	\$0	\$0	\$0	29, 30	

The Palouse River Basin has been highly degraded over the past century. To address and improve water quality issues outlined in the TMDLs and Clean Water Act's 303(d) list, we have identified multiple sites in the Palouse watershed on both the North and South Fork Palouse River, and on Union Flat Creek, for active riparian/wetland restoration emphasizing function to maximize non-point source pollutant reduction, help control water temperature, decrease soil erosion and increase bank stability.

Applicant Name:		Vader, city of					Application Number:		WQC-2019-Vaderc-00073		
Project Title:		City of Vader WW Treatment Upgrade Design			Project Category:		Wastewater Facility				
31	840	LEWIS	\$0	\$686,000	\$0	\$0	\$343,000	\$343,000	\$0	7, 8, 9, 10, 12	

Design of the Vader Wastewater Treatment Lagoon Upgrades with a constructed wetland.

Applicant Name:		Lower Columbia Estuary Partnership					Application Number:		WQC-2019-LCEP-00205		
Project Title:		Woodin Creek Stormwater OSPREY Project			Project Category:		Nonpoint Source Activity				
32	840	CLARK	\$113,405	\$0	\$0	\$113,405	\$0	\$0	\$0	29, 30	

The Woodin Creek Stormwater OSPREY Project engages schools and community members in the Woodin Creek watershed in stormwater education and riparian enhancement. The project teaches students and community members about the connections between land use, impervious surfaces, stormwater, and water quality. The project will also improve water quality, increase habitat complexity, lower stream temperatures, and increase DO levels along Woodin Creek, and help implement the Salmon Creek TMDL.

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Applicant Name:		Lummi Indian Business Council					Application Number:		WQC-2019-LuInBC-00138		
Project Title:		Fine Sediment Reduction by Floodplain Connectivity in the SF			Project Category:		Nonpoint Source Activity				
33	839.5	SKAGIT	\$406,112	\$0	\$406,112	\$0	\$0	\$0	\$0	29, 30	

Fine sediment is a major limiting factor to Puget Sound Chinook in the Nooksack watershed. To reduce fine sediment impacts, the project goals are to reconnect the South Fork Nooksack River mainstem to its left floodplain during 1-year or greater discharges, increase pool habitat with woody cover, reduce the input of fine sediment to the mainstem from the Elk Flats slide on the right bank river bend, and reduce the in-channel storage of fine sediment downstream from the Elk Flats slide.

Applicant Name:		Palouse Conservation District					Application Number:		WQC-2019-PaloCD-00077		
Project Title:		Thinking Outside the Fertilizer Box: Conservation on Union Fl			Project Category:		Nonpoint Source Activity				
34	837.5	WHITMAN	\$500,000	\$0	\$500,000	\$0	\$0	\$0	\$0	29, 30	

Palouse Conservation District will implement two miles of riparian buffers and 9,000 acres of direct seeding to improve water quality in the Palouse River Basin. Effects of riparian restoration and converting from conventional tillage to direct seeding will be monitored to determine effects on stream water quality. We will implement a demonstration project for precision nutrient management on 1,200 acres, providing outreach and education with field days, workshops, and curriculum development.

Applicant Name:		Bellingham city of - Public Works Department					Application Number:		WQC-2019-BellPW-00118		
Project Title:		Anderson Creek Water Quality Improvements			Project Category:		Nonpoint Source Activity				
35	837	WHATCOM	\$500,000	\$1,662,515	\$500,000	\$0	\$1,662,515	\$0	\$0	9, 10, 29, 30	

The Anderson Creek Water Quality Improvements project will improve water quality and salmon habitat in Anderson Creek and support water quality improvements in Lake Whatcom by reversing historical impacts and restoring natural processes within the Anderson Creek corridor. The project will address impairments in Anderson Creek and complement existing efforts toward the protection and restoration of 303(d)-listed Lake Whatcom, the drinking water source for over 100,000 Whatcom County residents.

Applicant Name:		Adopt A Stream Foundation					Application Number:		WQC-2019-Adopta-00002		
Project Title:		Strawberry Fields Riparian Buffer Enhancement Part 2			Project Category:		Nonpoint Source Activity				
36	836.5	SNOHOMISH	\$100,894	\$0	\$0	\$100,894	\$0	\$0	\$0	29, 30	

The Strawberry Fields Riparian Buffer Enhancement Part 2 will improve water quality by restoring 5.8 acres of riparian habitat along approximately 2,622 linear feet of the Middle Fork Quilceda Creek and a tributary in Marysville, WA. This project will remove invasive vegetation and plant native trees to expand the forested buffer area to 100' on the creek banks not planted by previous projects.

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Applicant Name:		Friday Harbor town of					Application Number:		WQC-2019-FriHar-00028		
Project Title:		Friday Harbor Sewer Outfall Replacement			Project Category:		Wastewater Facility		Step 4: Design & Construction		
37	834	SAN JUAN	\$247,856	\$1,230,804	\$0	\$0	\$92,130	\$92,130	\$0	7, 8, 9, 10, 11, 12, 14, 16	

The Town of Friday Harbor operates a wastewater treatment plant and treated effluent outfall that discharges in the bay of Friday Harbor. The existing outfall has a section that is badly corroded and undersized, causing the effluent to back up into the disinfection process, preventing appropriate disinfection and hindering upstream processes. This project is to replace the undersized, corroded cast iron section with a new outfall pipe.

Applicant Name:		Renton city of					Application Number:		WQC-2019-Renton-00067		
Project Title:		NE 16th - Jefferson Avenue NE Stormwater Green Connections			Project Category:		Stormwater Facility				
38	833.5	KING	\$2,012,595	\$0	\$0	\$0	\$0	\$0	\$1,509,446	7, 27, 30	

This project will improve water quality in Johns Creek through design and construction of bioretention facilities, native vegetation, and porous concrete sidewalks. Project limits are NE 16th St from Harrington Ave NE to Jefferson Ave NE and Jefferson Ave NE from NE 16th St to NE 12th St. This project will design and construct stormwater BMPs that target nutrients, metals, bacteria, hydrocarbons, temperature, and TSS, promote infiltration, and reduce velocity of runoff to Johns Creek.

Applicant Name:		Tacoma city of - Environmental Services Department					Application Number:		WQC-2019-TacoES-00130		
Project Title:		Upper Buckley Water Quality Project - North Tacoma 07 Basin			Project Category:		Stormwater Facility				
39	833	PIERCE	\$3,411,000	\$4,548,000	\$0	\$0	\$0	\$0	\$3,411,000	7, 30	

A regional treatment facility is proposed in the Upper Buckley area of North Tacoma 07 Basin (NT07). The proposed project will improve water quality in Puget Sound by providing phosphorus removal and basic treatment of stormwater through removal of TSS and associated pollutants. Treatment is targeted where the majority of the commercial area is located in NT07. This project will provide treatment for 350 of 484 acres of the Upper Buckley area and will be designed for future expansion.

Applicant Name:		Richland city of					Application Number:		WQC-2019-Richla-00041		
Project Title:		Columbia Park Trail - Leslie Stormwater Treatment Retrofit P			Project Category:		Stormwater Facility				
40	832	BENTON	\$749,057	\$0	\$0	\$0	\$0	\$0	\$749,057	7, 30	

This project is focused on eliminating the direct outfall of untreated stormwater to the Yakima River at its confluence with the Columbia River McNary Pool and Amon Creek. It will also eliminate significant erosion problems which have resulted in large amounts of sediment entering stormwater runoff. Lastly it will protect a major irrigation canal from bank erosion and prevent illicit discharges of overflowing stormwater into the canal during intense rain events.

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Applicant Name:		Columbia Land Trust					Application Number:		WQC-2019-CoLaTr-00167		
Project Title:		Washougal River Watershed Property Protection			Project Category:		Nonpoint Source Activity				
41	831.5	SKAMANIA	\$500,000	\$0	\$0	\$500,000	\$0	\$0	\$0	29, 30	

Acquire approximately 1200 acres in the Washougal River Watershed including 9.67 miles of river and tributaries. The land acquisition will provide watershed protection and management that will protect the land from current industrial timber harvests and rock and mineral extraction and change the land management practices to benefit water temperatures and water quality through a watershed management plan that will manage the forest and natural processes. Estimated purchase price is \$2,500,000.

Applicant Name:		Tacoma city of - Environmental Services Department					Application Number:		WQC-2019-TacoES-00096		
Project Title:		Manitou Green Infrastructure Project			Project Category:		Stormwater Facility				
42	830.5	PIERCE	\$2,921,250	\$3,895,000	\$0	\$0	\$0	\$0	\$1,589,000	7, 28, 30	

The Manitou Green Infrastructure Project will improve water quality in the Flett Creek Watershed through replacement of 4,253 lft of failed roadway with permeable pavement. This project will provide basic treatment of stormwater for common urban contaminants and will also reduce flows through stormwater infiltration. The project will provide 13 acres of water quality treatment and flow control, and will help to restore natural hydrologic conditions in this basin.

Applicant Name:		Snohomish Conservation District					Application Number:		WQC-2019-SnohCD-00063		
Project Title:		North Creek Riparian Restoration Project			Project Category:		Nonpoint Source Activity				
43	829	SNOHOMISH	\$152,129	\$0	\$152,129	\$0	\$0	\$0	\$0	29, 30	

The Snohomish Conservation District will re-forest North Creek on two properties to address high water temperatures and low dissolved oxygen levels in the basin. A total of eleven acres will be planted to improve water quality and habitat in the basin by increasing riparian forest cover and restoring healthy wetland hydrology. Workshops and site visits will educate landowners in the basin about responsible stewardship of their properties to prevent water quality pollution.

Applicant Name:		King County - Noxious Weed Control Program					Application Number:		WQC-2019-KCoNWC-00035		
Project Title:		King County Riparian Buffer Enhancement through Restoratic			Project Category:		Nonpoint Source Activity				
44	827	KING	\$250,000	\$0	\$250,000	\$0	\$0	\$0	\$0	29, 30	

) Development and implementation of a comprehensive approach for riparian restoration and stewardship in the major headwater and middle reaches of the Skykomish, Snoqualmie, Green-Duwamish and Cedar Rivers in King County.

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Applicant Name:		North Bend city of					Application Number:		WQC-2019-NorBen-00083		
Project Title:		North Bend WWTF High Priority Improvements: Phase 1			Project Category:		Wastewater Facility		Step 4: Design & Construction		
45	825	KING	\$0	\$6,967,700	\$0	\$0	\$0	\$0	\$0	4	

This project provides for design & construction of improvements to: correct failing process equipment and improve WWTP reliability and water quality. Improvements include: replacement of an existing clarifier drive; a MLSS flow splitter; a new clarifier complete with RAS, WAS, and scum pumping; a building and systems for: UV disinfection, flow metering, sampling, effluent pumping systems, and in-plant reuse system; temperature TMDL mitigation; and effluent outfall and WWTP stormwater upgrades.

Applicant Name:		Spokane city of					Application Number:		WQC-2019-Spokane-00132		
Project Title:		Post Street Bridge Sewer Line Replacement			Project Category:		Wastewater Facility				
46	822.5	SPOKANE	\$0	\$8,176,000	\$0	\$0	\$0	\$0	\$0	4	

The City of Spokane will be replacing the Post Street Bridge over the Spokane River. This bridge carries a 54-inch sewer interceptor that is in poor condition. This deteriorating pipeline will be replaced in conjunction with the bridge replacement project.

Applicant Name:		Stevenson city of - Public Works					Application Number:		WQC-2019-StevPW-00044		
Project Title:		Stevenson Clean Water Facility and Collection Improvement			Project Category:		Wastewater Facility				
47	822.5	SKAMANIA	\$0	\$1,985,000	\$0	\$0	\$1,410,000	\$575,000	\$0	7, 8, 9, 10, 12, 21	

The City of Stevenson is seeking funding to complete design engineering for upgrades and expansion of to the WWTP, pump stations, and approximately 1.5 miles of new and replacement collection system piping. The projects contemplated will help the comply with Ecology's Administrative Order, Docket #14221 and achieve several other purposes.

Applicant Name:		Mabton city of					Application Number:		WQC-2019-Mabton-00128		
Project Title:		Mabton Collection System Project			Project Category:		Wastewater Facility		Step 4: Design & Construction		
48	822.5	YAKIMA	\$3,069,767	\$1,674,433	\$0	\$0	\$189,400	\$189,400	\$0	7, 8, 9, 10, 11, 12, 14, 16	

The proposed Mabton Collection System Project will replace portions of the City's wastewater collection system. These sewers were identified in the City's 2017 General Sewer Plan as requiring replacement due to significant root intrusion, exposed aggregate, inadequate slope, pipe sags, and the need for frequent maintenance associated with sewer blockages.

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Applicant Name:		Spokane city of					Application Number:		WQC-2019-Spokan-00154		
Project Title:		CSO Basin 22 and Adjacent MS4 Separation			Project Category:		Stormwater Facility				
49	821.5	SPOKANE	\$840,385	\$0	\$0	\$0	\$0	\$0	\$840,385	7, 30	
Stormwater will be separated from CSO Basin 22 and adjacent MS4 outfalls in Peaceful Valley for treatment and infiltration using LID Best Management Practices.											

Applicant Name:		Adopt A Stream Foundation					Application Number:		WQC-2019-Adopta-00003		
Project Title:		Olaf Strad Remeander and Revegetation			Project Category:		Nonpoint Source Activity				
50	821	SNOHOMISH	\$187,010	\$0	\$0	\$187,010	\$0	\$0	\$0	29, 30	
The Olaf Strad Remeander and Revegetation will improve water quality by restoring 690 linear and ditched feet of Olaf Strad Creek to 840 linear feet of restored habitat with an active floodplain. This will include approximately 3 acres of riparian habitat. This project will remove the creek from its current ditch, place it in a new meandering stream bed, remove invasive vegetation and plant native plants in order to create a forested buffer area of 100' on the new creek banks.											

Applicant Name:		Skagit County - Public Works Department					Application Number:		WQC-2019-SkCoPW-00102		
Project Title:		Maddox Creek Culvert Removal and Stream Enhancement			Project Category:		Nonpoint Source Activity				
51	821	SKAGIT	\$450,647	\$0	\$450,647	\$0	\$0	\$0	\$0	29, 30	
Sediment is dumped into the Maddox Creek watershed through a perched culvert installed in preparation of development in the area, but development never occurred. The culvert is unused and is increasing the rate of fine sediment input while blocking documented salmonids from moving upstream in the system. Skagit County in partnership with the City of Mount Vernon proposes removing the culvert to provide water quality benefits and improve rearing habitat.											

Applicant Name:		Lewis County Conservation District					Application Number:		WQC-2019-LeCoCD-00030		
Project Title:		No Till-Drill for Sediment Reduction in the Chehalis Basin			Project Category:		Nonpoint Source Activity				
52	817.5	LEWIS	\$41,250	\$0	\$0	\$0	\$0	\$0	\$0	4	
The Lewis County Conservation District is looking to purchase a no-till drill that will be available to farmers for a wide variety of uses. Examples would include planting cover crops into crop residue, reseeding worn out pastures instead of tilling them up, and planting relay crops. Fall and spring rains coincide with the times that farmers will be planting. This will prevent a plowed field from having soil erosion and nutrient runoff that ultimately ends up in local streams.											

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Applicant Name:		Kenmore city of					Application Number:		WQC-2019-Kenmor-00120		
Project Title:		Juanita Drive NE Complete Streets Project			Project Category:		Stormwater Facility				
53	813.5	KING	\$1,457,250	\$0	\$0	\$0	\$0	\$0	\$1,457,250	7, 30	

The City of Kenmore proposes to improve Juanita Drive NE into an urban multi-modal corridor, and provide stormwater management for discharges from NE 143rd Street (southern City limits) to NE 170th Street (just south of the Sammamish River). Project components include adding sidewalk, buffered bike lanes, turn lanes, street lighting, and landscaping improvements. Stormwater retrofits include a new drainage conveyance system as well as flow control and runoff treatment BMPs.

Applicant Name:		Kooskooskie Commons					Application Number:		WQC-2019-KooCom-00068		
Project Title:		Water Quality Improvement in Yellowhawk Creek & W. I			Project Category:		Nonpoint Source Activity				
54	813	WALLA WALLA	\$159,691	\$0	\$0	\$0	\$0	\$0	\$0	4	

The RECIPIENT will implement the Yellowhawk and West Little Walla Walla River Riparian Restoration Project to improve water quality in Yellowhawk Creek and the West Little Walla Walla River. The RECIPIENT will install riparian buffers, monitor water quality, perform public education, and explore land trust easements for long-term protection of riparian areas and water trust agreements to protect flows and cold water inputs into Yellowhawk Creek and the West Little Walla Walla River.

Applicant Name:		Waterville town of					Application Number:		WQC-2019-waterv-00081		
Project Title:		Collection System Improvements			Project Category:		Wastewater Facility		Step 4: Design & Construction		
55	812.5	DOUGLAS	\$0	\$890,100	\$0	\$0	\$42,500	\$42,500	\$0	7, 8, 9, 10, 11, 12, 17	

The Town of Waterville will repair or replace approximately 3,000 linear feet of sanitary sewer pipe and 10 manholes to correct infiltration during periods of high groundwater. This infiltration results in high water levels in the Town's wastewater lagoons, resulting in possible discharge to Corbaley Creek and forcing the Town to start effluent irrigation before water is needed for the sprayfield crops and on already saturated fields, creating ponding and potential runoff from the fields.

Applicant Name:		Pomeroy Conservation District					Application Number:		WQC-2019-PomeCD-00090		
Project Title:		Garfield County Watersheds Upland and Instream Sediment R			Project Category:		Nonpoint Source Activity				
56	811	GARFIELD	\$249,750	\$0	\$0	\$0	\$0	\$0	\$0	4	

Pomeroy CD will utilize this funding to implement direct seed (5,000 ac) and precision ag (3,000 ac) on cropland to reduce soil erosion and improve instream habitat for ESA listed summer steelhead in Garfield watersheds. We will also be working to improve and protect water quality, fish and wildlife by using soft streambank bio-engineering stabilization (6,000 ft), and native riparian plantings. Additionally work with livestock producers to fence off streams and provide offsite watering.

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Applicant Name:		Nisqually Indian Tribe					Application Number:		WQC-2019-NisqIT-00217		
Project Title:		Mashel River and Ohop Creek Water-Quality Protection			Project Category:		Nonpoint Source Activity				
57	808.5	PIERCE	\$250,000	\$19,899,914	\$0	\$0	\$14,243,752	\$0	\$0	9, 10, 22, 25, 29	

This project will acquire for permanent ecosystem services based management and restoration 5,221 acres of timberlands and 42 miles of stream and tributary shoreline in the Nisqually Watershed's Mashel River sub-basin and 2,560 acres of timberlands and 26 miles of stream and tributary shoreline in the watershed's Ohop Creek sub-basin.

Applicant Name:		Fisherman Bay Sewer District					Application Number:		WQC-2019-FiBaSD-00197		
Project Title:		Pumper Truck			Project Category:		Wastewater Facility				
58	808	SAN JUAN	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	4	

Purchase of a pumper truck to mitigate threats to environment and facilitate operations and maintenance of our collection system.

Applicant Name:		Republic city of - Public Works					Application Number:		WQC-2019-RepcPW-00101		
Project Title:		Republic President's Bowl I/I Reduction Plan, Headworks &an			Project Category:		Wastewater Facility				
59	802.5	FERRY	\$0	\$144,650	\$0	\$0	\$72,325	\$72,325	\$0	7, 9, 10, 12	

Republic's lagoons are at imminent risk of catastrophic failure & direct sewage discharge into the Sanpoil River due to escalating I/I overflow & an ancient system that needs updates. Republic is required, per the City's SWDP, to complete a Facility Plan Amendment addressing effluent conveyance to the City's stormwater detention pond to prevent overflow & breaching of the lagoons, I/I reduction in the Presidents Bowl, & upgrades to the City's headworks, influent screening & flow measurement.

Applicant Name:		Ellensburg city of - Public Works Department					Application Number:		WQC-2019-EllePW-00012		
Project Title:		Gateway to the City of Ellensburg Stormwater LID Retrofit Pr			Project Category:		Stormwater Facility				
60	800.5	KITTITAS	\$2,659,883	\$0	\$0	\$0	\$0	\$0	\$2,704,454	7, 26, 30	

This project will retrofit a one mile (one direction) section of Ellensburg's 2nd busiest arterial street to provide treatment of stormwater runoff before discharging into Mercer, Whiskey and Wilson Creeks. Treatment will be provided utilizing Low impact Development (LID) practices that are suitable for a semi-arid region including rock lined swales, xeriscaping and permeable sidewalk best management practices (BMP's)

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Applicant Name:		Vancouver city of					Application Number:		WQC-2019-Vancou-00089		
Project Title:		Blandford Drive Subbasins LID Retrofits			Project Category:		Stormwater Facility				
61	799.5	CLARK	\$2,294,925	\$0	\$0	\$0	\$0	\$0	\$2,294,925	7, 30	

Blandford Dr subbasins consist of older residential lands and street right-of-ways discharging untreated stormwater runoff directly to the canyon along Blandford Dr. This canyon flows to a low-lying area along Columbia House Blvd which is privately-owned and adjacent to a City drinking water wellhead before discharging to the Columbia River. This project will provide treatment and flow control resulting in improved water quality within a wellhead protection area and the Columbia River watershed.

Applicant Name:		Lummi Tribal Sewer and Water District					Application Number:		WQC-2019-LuTSWD-00155		
Project Title:		Gooseberry WWTP Step 2: Design			Project Category:		Wastewater Facility				
62	795.5	WHATCOM	\$0	\$1,012,000	\$0	\$0	\$506,000	\$506,000	\$0	8, 9, 10, 12, 23	

Design of improvements to the Gooseberry WWTP on the Lummi Reservation to bring this facility into NPDES Permit compliance. The design of this project will support an Ecology STEP 3, Construction Application for FY 2020 funds to upgrade the Gooseberry Point WWTP to eliminate discharges of inadequately treated wastewater to Hales Passage and adjacent uplands. Construction and operation of the upgraded WWTP will protect shellfish growing areas and improve and protect public health.

Applicant Name:		Cascadia Conservation District					Application Number:		WQC-2019-CascCD-00088		
Project Title:		Wenatchee Watershed Restoration and Clean Water Program			Project Category:		Nonpoint Source Activity				
63	795	CHELAN	\$242,536	\$0	\$0	\$0	\$0	\$0	\$0	4	

This project will reduce non-point source pollution within the WRIA 45 watershed by implementing a large scale riparian restoration plan, using a community clean water outreach and education campaign and providing technical assistance to landowners to take steps to reduce non-point source pollution and practice good stewardship. All portions of the project are consistent with actions recommended in locally developed TMDL water quality improvement reports and associated management plans.

Applicant Name:		Garfield, Town of					Application Number:		WQC-2019-Garfield-00049		
Project Title:		Garfield Sewer Facilities Plan			Project Category:		Wastewater Facility				
64	793.5	WHITMAN	\$0	\$163,450	\$0	\$0	\$81,725	\$81,725	\$0	7, 9, 10, 12	

The Town of Garfield has experienced severe infiltration and inflow over the past several years leading to numerous issues with treatment plant functionality, discharge quality compliance, and operational sustainability. The Town does not have an adopted facilities plan which would include a system plan and I&I study that would lay the foundations for addressing their most pressing needs.

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Applicant Name:		San Juan Islands Conservation District					Application Number:		WQC-2019-SaJICD-00225		
Project Title:		Improving Water Quality with Agricultural Best Management			Project Category:		Nonpoint Source Activity				
65	792.5	SAN JUAN	\$235,863	\$0	\$0	\$0	\$0	\$0	\$0	4	
SJICD will assist landowners in implementing best management practices in known areas of water quality concern to control sources of bacterial contamination, sedimentation, and excess nutrients.											

Applicant Name:		Spokane city of					Application Number:		WQC-2019-Spokane-00148		
Project Title:		TJ Meenach Water Quality Improvements			Project Category:		Stormwater Facility				
66	792	SPOKANE	\$5,000,000	\$5,768,207	\$0	\$0	\$0	\$0	\$4,159,615	7, 28, 30	
This project will design and construct stormwater and sanitary sewer improvements in coordination with the TJ Meenach Drive street reconstruction project.											

Applicant Name:		Chelan County - Natural Resource Department					Application Number:		WQC-2019-ChCoNR-00184		
Project Title:		Mission Creek Water Quality Restoration Phase 2			Project Category:		Nonpoint Source Activity				
67	791.5	CHELAN	\$77,999	\$0	\$0	\$0	\$0	\$0	\$0	4	
The Mission Creek Water Quality Restoration Phase 2 project will continue to generate community support and awareness for water quality issues in the Mission Creek Watershed through the Community Watershed Council that was established in Phase 1 (WQC-2016-ChCoNR-00239). The Council will help develop water restoration actions ready for implementation. This project will also implement a restoration project that will install root wads, minimize DDT/DDE contribution, and establish a riparian buffer.											

Applicant Name:		Walla Walla County Conservation District					Application Number:		WQC-2019-WWCoCD-00023		
Project Title:		Walla Walla County Monitoring and Stream Restoration			Project Category:		Nonpoint Source Activity				
68	791.5	WALLA WALLA	\$106,641	\$0	\$0	\$0	\$0	\$0	\$0	4	
The Walla Walla County Conservation District will direct a two-pronged project: water monitoring and implementation stream restoration projects. Monitoring above known category 4a stream stretches could aid in identifying appropriate Best Management Practices and structures to reduce the TMDL levels. The structures and vegetative buffers would reduce turbidity, temperature and dissolved oxygen, with the greater goal to return the waterways to the natural stream function.											

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Applicant Name:		King County - Natural Resources and Parks Department					Application Number:		WQC-2019-KCoNRP-00228		
Project Title:		Crisp Creek Sub-basin Preservation			Project Category:		Nonpoint Source Activity				
69	791	KING	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

Funding will acquire open space in the Crisp Creek sub-basin which drains to a Muckleshoot Tribe hatchery and the Green River, a TMDL waterbody. Crisp Creek has the highest Water Quality Index score of any stream King County monitors. New development is occurring in this sub-basin, creating a sense of urgency to protect the remaining forest representing over 70% of the drainage area. This acquisition is a top priority for the Muckleshoot Tribe and KC Department of Natural Resources & Parks.

Applicant Name:		Friday Harbor town of					Application Number:		WQC-2019-FriHar-00085		
Project Title:		Inflow and Infiltration Study			Project Category:		Wastewater Facility				
70	790	SAN JUAN	\$0	\$56,000	\$0	\$0	\$28,000	\$28,000	\$0	7, 9, 10, 12	

The Town of Friday Harbor operates a wastewater treatment plant and treated effluent outfall that discharges in the bay of Friday Harbor. The Town is interested in updating its General Sewer Plan, and wishes to perform a new I&I study as part of that effort. A full I&I study has not been performed for the Town since 1976, with a minor analysis occurring in 2010. This project is to reassess previous I&I findings and determine if there are any new sources.

Applicant Name:		Endicott town of					Application Number:		WQC-2019-Endico-00161		
Project Title:		Town of Endicott Facilities Plan			Project Category:		Wastewater Facility				
71	785	WHITMAN	\$0	\$156,800	\$0	\$0	\$78,400	\$78,400	\$0	7, 9, 10, 12	

As with many municipal sewer providers in the State of Washington and the nation the Town of Endicott has experienced severe infiltration and inflow leading to numerous issues with discharge quality compliance, and operational sustainability. The Town does not have an up to date facilities plan which is a key and foundational component in completion of the necessary I&I repairs.

Applicant Name:		Cowlitz County - Health and Human Services Department					Application Number:		WQC-2019-CwCoHH-00069		
Project Title:		Silver Lake Restoration Planning			Project Category:		Nonpoint Source Activity				
72	785	COWLITZ	\$130,102	\$0	\$0	\$0	\$0	\$0	\$0	4	

Building on the high phosphorus results confirmed by grant WQC-2015-CwCoHH-00129, this project identifies current phosphorus and E. coli contributors. Sampling will be performed in the two major inlet creeks. Lake sediment will be evaluated for phosphorus accumulation and chemical composition. Community education and lake water quality sampling will continue. These efforts will assist community groups and agencies in further planning strategies for lake management and restoration.

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Applicant Name:		Sumner city of					Application Number:		WQC-2019-Sumner-00014		
Project Title:		White River Restoration Land Acquisition Phase			Project Category:		Nonpoint Source Activity				
73	784.5	PIERCE	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

In an effort to restore parts of the Lower White river, privately owned land needs to be acquired along the river as the first phase of the White River Restoration. Acquiring necessary property will both prevent development of land and create space along the river for riparian and salmon habitat restoration in addition to reestablishing/reconnecting the floodplain.

Applicant Name:		Vancouver city of					Application Number:		WQC-2019-Vancou-00109		
Project Title:		NE Fourth Plain (123rd-131st South) Water Quality Retrofit			Project Category:		Stormwater Facility				
74	782	CLARK	\$708,750	\$0	\$0	\$0	\$0	\$0	\$700,350	7, 27, 30	

Untreated stormwater runoff from NE Fourth Plain, a principal arterial road, infiltrates via drywells impacting surface and groundwater quality as subsurface flow contributes to baseflow in Burnt Bridge Creek and may migrate deeper into the City's drinking water aquifer. This project will construct 12 bioretention facilities and Silva Cell® storage units along the south half of the street, reducing total suspended solids, oil & grease and heavy metals which will result in improved water quality

Applicant Name:		Ferndale city of					Application Number:		WQC-2019-Fernda-00008		
Project Title:		Stormwater Decant Facility Design			Project Category:		Stormwater Facility				
75	782	WHATCOM	\$33,750	\$0	\$0	\$0	\$0	\$0	\$33,750	7, 30	

This project includes the design of an expanded and covered stormwater decant for the City of Ferndale. The existing decant area consists of an uncovered 45 foot by 45 foot asphalt slab. A larger, covered facility will enable the City to better manage materials generated from cleaning stormwater structures and street sweeping, which will reduce overall pollutant loading in the City of Ferndale.

Applicant Name:		Marysville city of - Public Works Department					Application Number:		WQC-2019-MaryPW-00213		
Project Title:		Marysville Enhanced Street Sweeping Program			Project Category:		Stormwater Activity				
76	779	SNOHOMISH	\$386,967	\$0	\$0	\$0	\$0	\$0	\$386,967	30	

This project will improve water quality in the Allen/Quilceda Creek watershed by enabling the City to purchase, operate and maintain a high efficiency/regenerative air sweeper. This project will add additional capacity to the City's street sweeping program by increasing the volume of sediment and other pollutants removed from city streets over the next four years. This will increase the volume of material removed from Marysville streets by an estimated 33-55%, or 763 cubic yards per year.

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Applicant Name:		Okanogan Conservation District					Application Number:		WQC-2019-OkanCD-00045		
Project Title:		Riparian Best Management Practices			Project Category:		Nonpoint Source Activity				
77	771.5	OKANOGAN	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

Okanogan Conservation District will plan 5 new water quality projects, implement 3 new riparian restoration projects, implement follow-up maintenance on 4 previously implemented projects. Okanogan Conservation District will also provide TA to 10 additional landowners to design water quality protections in three Eastern Okanogan County watersheds, and conduct outreach to county residents and students.

Applicant Name:		Skagit Conservation District					Application Number:		WQC-2019-SkagCD-00042		
Project Title:		Lower Skagit River Water Quality Improvement Project			Project Category:		Nonpoint Source Activity				
78	771	SKAGIT	\$147,225	\$0	\$0	\$0	\$0	\$0	\$0	4	

The Skagit Conservation District is seeking funding to hire a farm planner that will support a new effort led by Ecology to address bacteria and nutrient sources impacting the lower Skagit and downstream shellfish beds. The farm planner will work closely with the cooperating partners similar to the successful Samish Initiative to assist landowners in the planning, funding and implementation of source reduction Best Management Practices (BMPs).

Applicant Name:		Palouse Rock Lake Conservation District					Application Number:		WQC-2019-PaRoCD-00039		
Project Title:		Palouse-Rock Lake, Whitman, & Pine Creek CD BMP Pa			Project Category:		Nonpoint Source Activity				
79	770	WHITMAN	\$352,500	\$0	\$0	\$0	\$0	\$0	\$0	4	

The Palouse-Rock Lake, Whitman and Pine Creek Conservation Districts will implement a water quality improvement project that will enhance water quality, public health, soil health, and erosion concerns in Palouse-Rock Lake, Whitman, and Pine Creek District service areas. Through a direct seed cost-share program, the districts will increase the use of direct seed acres and reduce erosion by 53,000 tons. A minimum of 6 miles of riparian buffer installation will further enhance water quality.

Applicant Name:		Everett city of - Public Works Department					Application Number:		WQC-2019-EverPW-00052		
Project Title:		Port Gardner Bay Outfalls Water Quality Treatment Retrofit			Project Category:		Stormwater Facility				
80	768	SNOHOMISH	\$882,773	\$0	\$0	\$0	\$0	\$0	\$882,773	7, 30	

This project will install Modular Wetland stormwater biofiltration systems at four outfalls to remove sediments, trash and debris, TSS, heavy metals, hydrocarbons, and phosphorous from stormwater from approximately 20 acres of impervious surfaces prior to discharging from the outfall pipes. Each of these outfalls discharge to Port Gardner Bay near areas of recent or current cleanup efforts. These projects are currently in the design phase and are in need of funding in order to be constructed.

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Applicant Name:		Pierce County - Public Works and Utility Department					Application Number:		WQC-2019-PiCoPW-00015		
Project Title:		Pierce County Septic Repair Program			Project Category:		On-Site Sewage System				
81	766	PIERCE	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

Continue and expand Pierce County's financial assistance program for homeowners to repair or replace failing and antiquated on-site sewage systems or, where available, connect to sewer. The program priorities are to resolve sources of sewage that pose a health or water quality risk to shellfish growing areas, 303(d) listed waterbodies, Puget Sound, or other surface water threats.

Applicant Name:		Foster Creek Conservation District					Application Number:		WQC-2019-FoCrCD-00215		
Project Title:		Foster Creek Riparian Restoration to Improve Water Quality			Project Category:		Nonpoint Source Activity				
82	765	DOUGLAS	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

FCCD will continue to implement a focused restoration effort in Foster Creek and its tributaries to address multiple water quality impairments. This project will: implement a riparian buffer enhancement project, conduct a watershed scale assessment of the Foster Creek drainage to inform and guide future restoration activities, plan a beaver dam analogue restoration pilot project, implement a water quality education and outreach program, and conduct water quality monitoring to document success.

Applicant Name:		South Puget Sound Salmon Enhancement Group					Application Number:		WQC-2019-SPSSEG-00027		
Project Title:		Deschutes River Mile 21 (RKM 30) TMDL Implementation Pro			Project Category:		Nonpoint Source Activity				
83	755.5	THURSTON	\$485,520	\$0	\$0	\$0	\$0	\$0	\$0	4	

Completion of Deschutes River TMDL (2015) Implementation Actions identified on Table 23: General Land Use – Riparian and Channel Restoration Actions by installing 8 large wood habitat complexity structures, 1 bank stabilization engineered log jam, and planting 12 acres of native vegetation to restore a 750' distressed reach near State Route 507 on the Deschutes River. This project complements a larger 125-acre Oak Prairie restoration by the Center for Natural Lands Management.

Applicant Name:		Ferry Conservation District					Application Number:		WQC-2019-FerrCD-00152		
Project Title:		IMPROVING WATER QUALITY IN FERRY COUNTY II			Project Category:		Nonpoint Source Activity				
84	753	FERRY	\$244,844	\$0	\$0	\$0	\$0	\$0	\$0	4	

The RECIPIENT will partner with agencies to address water quality issues in WRIA 52 and WRIA 60 in Ferry County, WA. We will address them by installing best management practices (such as riparian restoration, fencing, stream bank stabilization). We will measure our results with an Effectiveness Monitoring Program. In addition, we will work with citizen groups and agencies to co-develop a Management Plan for Curlew Lake. Curlew Lake remains a Category 5 listed waterbody for total phosphorus.

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Applicant Name:		Foster Creek Conservation District					Application Number:		WQC-2019-FoCrCD-00203		
Project Title:		Douglas County Regional Direct Seed Program with Emphasis			Project Category:		Nonpoint Source Activity				
85	745.5	DOUGLAS	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

This project is designed to improve water quality in and around Douglas County streams and tributaries through continuation of a direct seed program, in concert with other water quality improvement projects. The program provides assistance to local producers to convert from conventional tillage to direct seed systems and will result in ten new direct seed participants. The project, focused on the Dyer hill area, coordinates with other Ecology-funded improvement projects in West Foster Creek.

Applicant Name:		Walla Walla County Conservation District					Application Number:		WQC-2019-WWCoCD-00054		
Project Title:		Walla Walla Riparian Habitat Improvements			Project Category:		Nonpoint Source Activity				
86	738.5	WALLA WALLA	\$119,355	\$0	\$0	\$0	\$0	\$0	\$0	4	

Extensive work has been done to address water quality concerns in agricultural areas through the federal and state funded CREP program. Unfortunately, there are interested landowners who do not qualify for the program for a variety of reasons. This leaves unprotected reaches that contribute to water quality concerns. This grant would install riparian buffers and exclusion fencing in areas where CREP is not an option and provide maintenance on previously installed projects.

Applicant Name:		Cowlitz Conservation District					Application Number:		WQC-2019-CowlCD-00196		
Project Title:		Cowlitz River Channel Migration and Water Quality			Project Category:		Nonpoint Source Activity				
87	738	COWLITZ	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

The proposed project addresses resource concerns for fine sediment delivery and loss of riparian function on 1800 feet of Cowlitz River stream bank. The project works with 12 parcel owners to address these concerns. Proposed project elements include structural (wood-based), bank shaping, and riparian restoration practices that will collectively address resource concerns in both the short term and the long term. The project collaborates with others to completely identify and address concerns.

Applicant Name:		Kenmore city of					Application Number:		WQC-2019-Kenmor-00151		
Project Title:		68th Avenue NE Pedestrian and Bicycle Safety Improvements			Project Category:		Stormwater Facility				
88	734.5	KING	\$1,054,950	\$0	\$0	\$0	\$0	\$0	\$1,054,950	7, 30	

Kenmore proposes to improve 68th Avenue NE into an urban multi-modal corridor, including new surface water facilities between NE 182nd Street and 61st Place NE (north City limits). Project components include continuous sidewalk on west side of roadway, buffered bike lanes on both sides, new drainage conveyance, flow control and water quality facilities within the project limits.

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Applicant Name:		Snohomish County - Public Works Department					Application Number:		WQC-2019-SnCoPW-00192		
Project Title:		Snohomish County Savvy Septic Program			Project Category:		On-Site Sewage System				
89	733.5	SNOHOMISH	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

Snohomish County proposes to continue the Savvy Septic Program to help address chronic water quality problems attributed to failing on-site septic systems (OSS). During this three year grant timeframe, Savvy Septic proposes to conduct 12 free homeowner septic care workshops, award approximately 46 septic replacement or repair grants, and issue 450 rebates for septic inspections and risers.

Applicant Name:		Walla Walla County Conservation District					Application Number:		WQC-2019-WWCoCD-00168		
Project Title:		McCaw Phase B Touchet River Restoration Project			Project Category:		Nonpoint Source Activity				
90	732.5	WALLA WALLA	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

The Walla Walla County Conservation District will direct construction of riparian structures on a 1.1 river mile reach as part of a stream restoration project. The structures and vegetative buffers would reduce TMDLs for turbidity, temperature and dissolved oxygen, with the greater goal to return the waterways to the natural stream function.

Applicant Name:		Pierce County - Public Works and Utility Department					Application Number:		WQC-2019-PiCoPW-00020		
Project Title:		Brookdale and North Fork Clover Creek Stormwater Retrofit			Project Category:		Stormwater Facility				
91	728.5	PIERCE	\$596,663	\$0	\$0	\$0	\$0	\$0	\$587,663	7, 27, 30	

The proposed project will treat stormwater discharge entering the North Fork Clover Creek (North Fork), located in Pierce County near the Brookdale Road East and Golden Given Road. The North Fork, classified as impaired by federal and state agencies, contains untreated stormwater consisting of harmful pollutants which creates a risk to human health. Providing treatment at the outfall is anticipated to remove 86 percent of TSS from stormwater (Contech Engineered Solutions, 2016).

Applicant Name:		Edgewood city of - Community Development					Application Number:		WQC-2019-EdgeCD-00195		
Project Title:		Edgewood Closed Depression UIC Pilot Project			Project Category:		Stormwater Facility				
92	725.5	PIERCE	\$322,500	\$47,500	\$0	\$0	\$0	\$0	\$149,250	7, 27, 30	

Evaluate the feasibility and environmental benefits of taking stormwater from a closed depression basin, treating it, and conveying it into a UIC wellfield. The key environmental benefit of this approach is groundwater recharge, while avoiding impacts to wetlands and streams and protecting the hydroperiod of the existing wetland complex. The project will also include hydrologic modeling, and a rigorous monitoring program to characterize existing surface and sub-surface conditions.

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Applicant Name:		Clark County - Public Health Department					Application Number:		WQC-2019-CICoPH-00191		
Project Title:		Regional Clean Water Loan Program expansion to improve wa			Project Category:		On-Site Sewage System				
93	722	CLARK	\$3,000,000	\$6,000,000	\$0	\$0	\$6,000,000	\$0	\$0	9, 10	

Grow Regional Clean Water Loan Program (RLP) into 20+ county partnership with nonprofit lender to offer financial assistance via affordable loans for failing onsite septic systems. RLP reduces barriers to regulatory compliance and improves surface/groundwater quality benefitting public health, ecosystem health, shellfish harvesting. Proposal adds counties in Eastern WA/Columbia River Basin, deepens support to Puget Sound/Coastal Counties, and increases lending capital for low-income households.

Applicant Name:		Chelan County - Natural Resource Department					Application Number:		WQC-2019-ChCoNR-00144		
Project Title:		Wenatchee Basin Riparian Restoration			Project Category:		Nonpoint Source Activity				
94	711	CHELAN	\$160,405	\$0	\$0	\$0	\$0	\$0	\$0	4	

The project addresses temperature, DO/pH and DDE/DDT 303(d) listings in the Wenatchee Basin through an integrated habitat restoration and water quality improvement effort that includes the re-establishment of functioning high priority riparian areas through riparian planting projects. This project builds on work completed with previous Ecology funding through continued effectiveness monitoring and adaptive management of installations, as well as implementation of new targeted restoration work.

Applicant Name:		Kittitas County - Conservation District					Application Number:		WQC-2019-KitCCD*-00141		
Project Title:		Wilson Creek Water Quality Improvements			Project Category:		Nonpoint Source Activity				
95	710.5	KITTITAS	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

This partnership with Mid-Columbia Fisheries Enhancement Group will address temperature and pollutants in WRIA 39's Wilson Creek, which is impaired for temperature, fecal coliform, dissolved oxygen, pH and dieltrin. The project will reduce summer temperatures in the lower reaches of the stream by increasing instream flow and riparian vegetation. It will reduce pollutant input by expanding vegetative buffers, encouraging volunteer stewardship, and planning for future restoration.

Applicant Name:		Confederated Tribes Of The Colville Reservation					Application Number:		WQC-2019-ColvIT-00070		
Project Title:		Similkameen River 3.8 RM Habitat Rehabilitation Project			Project Category:		Nonpoint Source Activity				
96	710.5	OKANOGAN	\$404,298	\$0	\$0	\$0	\$0	\$0	\$0	4	

This project is located along the left bank of the Similkameen River at River Mile 3.8 where a vertical cut bank of approximately 15 feet in height and a length of approximately 1,600 feet is actively eroding laterally up to 6 feet during a freshet. This project has been designed to reduce accelerated bank erosion and diminish the amount of sediment delivered in a reach where summer Chinook salmon spawn. This project will also provide long-term bank integrity and reduce sediment delivery.

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Applicant Name:		Burien city of - Public Works Department					Application Number:		WQC-2019-BuriPW-00033		
Project Title:		Miller Creek Realignment and Drainage Improvements			Project Category:		Nonpoint Source Activity				
97	710	KING	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

This project will create a new channel alignment for Miller Creek and new right-of-way stormwater conveyance improvements near and at Des Moines Memorial Drive. This project is being designed in a collaboration between the Port of Seattle and the City of Burien as a key environmental restoration effort as part of the overall Northeast Redevelopment Area Plan strategy. The cities of Burien and SeaTac will partner to construct this project as a 2018-2019 Capital Improvement Project.

Applicant Name:		Everett city of - Public Works Department					Application Number:		WQC-2019-EverPW-00038		
Project Title:		Jackson Park Area Stormwater Separation and Treatment			Project Category:		Stormwater Facility				
98	699.5	SNOHOMISH	\$937,500	\$0	\$0	\$0	\$0	\$0	\$937,500	7, 30	

A stormwater treatment system will be constructed on vacant City-owned land parcel together with miscellaneous drainage collection pipe improvements in the catchment area. These improvements will remove wet weather flows from the combined sewer system. The catchment area includes portions of a major arterial, residential streets and alleys and a City park. This project is adjacent to 3 CSO outfalls and has easy access for discharge of treated storm water to the Snohomish River.

Applicant Name:		Sound Salmon Solutions					Application Number:		WQC-2019-SoSaSo-00010		
Project Title:		Jones Creek Riparian Restoration			Project Category:		Nonpoint Source Activity				
99	699.5	SNOHOMISH	\$141,251	\$0	\$0	\$0	\$0	\$0	\$0	4	

Sound Salmon Solutions proposes to improve water quality and salmon habitat on 11.54-acres by removing invasive vegetation and installing native plants in the riparian area up to 485ft wide on both banks of Jones Creek in accordance with local watershed plans. Throughout the restoration process, SSS will engage the community and local schools to participate in restoration efforts, and learn about the importance of water quality to the Snohomish Basin and greater Puget Sound region.

Applicant Name:		Aberdeen city of - Public Works					Application Number:		WQC-2019-AberPW-00098		
Project Title:		Aberdeen WWTF Disinfection Improvements, Design & C			Project Category:		Wastewater Facility		Step 4: Design & Construction		
100	697	GRAYS HARBOR	\$0	\$1,145,000	\$0	\$0	\$71,000	\$71,000	\$0	7, 8, 9, 10, 11, 12, 17	

The proposed project will design and construct a new effluent disinfection system to replace the Wastewater Treatment Plant's existing system, which uses chlorine gas (Cl2) for disinfection and sulfur dioxide (SO2) for de-chlorination and has reached the end of its design life. The new system will use sodium hypochlorite for disinfection and calcium thiosulfate for de-chlorination. Eliminating the use of Cl2 and SO2 will facilitate WWTP operations, protect air quality and enhance public safety.

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Applicant Name:		Pierce County - Public Works and Utility Department					Application Number:		WQC-2019-PiCoPW-00018		
Project Title:		Diru Creek Bank Stabilization			Project Category:		Nonpoint Source Activity				
101	686	PIERCE	\$375,000	\$0	\$0	\$0	\$0	\$0	\$0	4	

This high-priority water quality project will stabilize eroding slopes and reverse channel incision in a Clarks Creek tributary named Diru Creek in Puyallup, Washington. Bank and channel stabilization will reduce downstream sedimentation affecting a tribal fish hatchery and sediment loads in Clarks Creek, which has a Total Maximum Daily Load (TMDL) by the Department of Ecology (Ecology). This project will be significant in Pierce County's success in meeting and exceeding TMDL expectations.

Applicant Name:		Yakima city of - Wastewater Division					Application Number:		WQC-2019-YakiWa-00156		
Project Title:		Wide Hollow Creek Riparian Restoration Planning Phase			Project Category:		Nonpoint Source Activity				
102	685.5	YAKIMA	\$44,340	\$0	\$0	\$0	\$0	\$0	\$0	4	

The Wide Hollow Creek Riparian Restoration Planning Phase will identify and quantify water quality issues within a 4.5 mile stretch of Wide Hollow Creek though the City of Yakima. The study will identify project partners and develop an action plan to remove invasive species and restore native buffers to increase water quality through the City and downstream reaches. This project will extend restoration efforts by Yakima County and the Shaw Creek Relocation and Riparian Restoration Project.

Applicant Name:		Palouse Rock Lake Conservation District					Application Number:		WQC-2019-PaRoCD-00206		
Project Title:		Palouse-Rock Lake and Lincoln County Conservation District I			Project Category:		Nonpoint Source Activity				
103	684	WHITMAN	\$247,500	\$0	\$0	\$0	\$0	\$0	\$0	4	

Palouse-Rock Lake and Lincoln County Conservation Districts will implement this project to improve water quality, public health, soil health, and erosion concerns throughout Palouse Rock-Lake and Lincoln County Conservation Districts. A direct seed cost-share program and a precision agriculture component will increase the efficiency of direct seed systems and reduce soil erosion by 42,000 tons. The districts will also implement riparian buffers along streams where direct seed systems are used.

Applicant Name:		Everett city of - Public Works Department					Application Number:		WQC-2019-EverPW-00051		
Project Title:		Reduction of CSOs at Two Snohomish River Outfalls through C			Project Category:		Stormwater Facility				
104	674	SNOHOMISH	\$1,069,500	\$0	\$0	\$0	\$0	\$0	\$1,069,500	7, 30	

This project will construct stormwater projects in two combined sewer collection system drainage basins. Green Stormwater Infrastructure (GSI) systems will be constructed to provide treatment and infiltration where feasible and cost effective. This project will remove stormwater from the SRO7 and SRO8 sewer basins to reduce Combined Sewer Overflows (CSOs) into the Snohomish River and reduce sanitary sewer overflows (SSOs) out of sewer manholes and other connections during storm events.

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Applicant Name:		Monroe city of - Design and Construction Division						Application Number:		WQC-2019-MonrDC-00086	
Project Title:		Blueberry Lane Infiltration/Conveyance				Project Category:		Stormwater Facility			
105	670.5	SNOHOMISH	\$1,203,566	\$1,604,754	\$0	\$0	\$0	\$0	\$0	4	

The Blueberry Lane infiltration system is 37 years old with no water quality treatment installed. This area of Monroe sits over a High Sensitivity Aquifer according to the Snohomish County Sensitive Areas Map. The City of Monroe plans to reconstruct the infiltration system removing roadway sediments which have washed into the infiltration trenches and install a water quality system meeting the requirements of the 2012 DOE Manual, updated in 2014.

Applicant Name:		Renton city of						Application Number:		WQC-2019-Renton-00200	
Project Title:		City of Renton Stormwater Facility Retrofit Study				Project Category:		Stormwater Facility			
106	653	KING	\$187,500	\$0	\$0	\$0	\$0	\$0	\$0	4	

The City owns existing flow control stormwater facilities which do not provide water quality treatment. The study will improve the City's rivers, creeks, and Lake Washington by evaluating and prioritizing projects to retrofit existing flow control stormwater facilities with water quality treatment facilities. Requests for design and construction funding for the highest priority projects will be submitted in subsequent grant cycles.

Applicant Name:		King Conservation District						Application Number:		WQC-2019-KiCoDi-00006	
Project Title:		Community-Based Social Marketing to Reduce Pollutant Load				Project Category:		Nonpoint Source Activity			
107	650.5	KING	\$199,545	\$0	\$0	\$0	\$0	\$0	\$0	4	

King Conservation District, King County, Enumclaw, and WSDA will team up to pilot a social marketing approach to develop strategies that change behaviors and identify the key best management practices for the target audience to reduce pollutant loading in sub-basins draining to the Lower White River, including Boise, Pussyfoot and Second Creeks. The strategies will be implemented to identify and promote behaviors to reduce fecal coliform bacteria loading to the 303(d) listed Lower White River.

Applicant Name:		Renton city of						Application Number:		WQC-2019-Renton-00208	
Project Title:		Burnett Ave S and Williams Ave Water Quality Retrofit				Project Category:		Stormwater Facility			
108	644.5	KING	\$262,500	\$0	\$0	\$0	\$0	\$0	\$0	4	

This project consists of replacing the existing storm system along Burnett Ave S and Williams Ave S and adding water quality treatment.

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Applicant Name:		Olympia city of					Application Number:		WQC-2019-Olympi-00193		
Project Title:		Union Avenue Water Quality Retrofit			Project Category:		Stormwater Facility				
109	630.5	THURSTON	\$322,500	\$0	\$0	\$0	\$0	\$0	\$0	4	

The Union Avenue Water Quality Retrofit project will reduce stormwater contaminants associated with runoff from a basin predominately zoned “Downtown Business and High Density Commercial Service” straddling heavily traveled, arterial streets in Olympia. Retrofitting the basin for stormwater treatment will improve the water quality in Moxlie Creek and Budd Inlet.

Applicant Name:		Issaquah city of					Application Number:		WQC-2019-Issaqu-00176		
Project Title:		Issaquah Highlands Wetlands Water Quality			Project Category:		Stormwater Facility				
110	626	KING	\$195,675	\$0	\$0	\$0	\$0	\$0	\$0	4	

The project entails the addition of two water quality facilities in support of an overall project that provides improved wetland hydrology to existing multi acre wetland systems located in the Issaquah Highlands, in Issaquah Washington. The project drains to the North Fork of Issaquah Creek and will address dissolved oxygen and temperature, as well as heavy metals, organics, and other water quality parameters important to ecological health.

Applicant Name:		Chelan County - Natural Resource Department					Application Number:		WQC-2019-ChCoNR-00198		
Project Title:		Harmony Meadows Restoration Project			Project Category:		Nonpoint Source Activity				
111	623.5	CHELAN	\$248,966	\$0	\$0	\$0	\$0	\$0	\$0	4	

The project seeks to restore the natural processes of Harmony Meadows and Stink Creek in Lake Chelan to improve water quality and fish and wildlife habitat. Historically an area defined by rich stream-wetland complexes with natural functions and values, Harmony Meadows and Stink Creek were drained and ditched for human settlement. The restoration project will bring back these long-lost processes and address high-priority needs of the Lake Chelan DDT and Phosphorus TMDLs.

Applicant Name:		Skagit County - Health Department					Application Number:		WQC-2019-SkCoHD-00127		
Project Title:		Skagit County Non-point Septic Repair Fund			Project Category:		Nonpoint Source Activity				
112	618.5	SKAGIT	\$500,000	\$750,000	\$0	\$0	\$750,000	\$0	\$0	9, 10	

The purpose of this project is to continue Skagit County's county-wide non-point local loan repair fund. This project provides loans to qualified property owners for the repair of failing individual on-site septic systems in the Shellfish Protection District, including Marine Recovery Areas (MRAs), Sensitive Areas (SAs), or contribute directly or indirectly to poor water quality in water ways that lead to shellfish beds in the Puget Sound as well as recreational waters in Skagit County.

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Applicant Name:		Tukwila city of - Public Works					Application Number:		WQC-2019-Tukwil-00201		
Project Title:		Water Quality Testing in Tukwila's 'Big 3' Creeks			Project Category:		Stormwater Activity				
113	614.5	KING	\$71,250	\$0	\$0	\$0	\$0	\$0	\$0	4	

This project will test for stormwater pollution in Tukwila's 'Big 3' creeks - Riverton, Southgate and Gillam Creeks. The focus of the study will be to identify and quantify concentrations of stormwater pollutants that adversely affect salmon as well as human health.

Applicant Name:		Pierce County - Public Works and Utility Department					Application Number:		WQC-2019-PiCoPW-00019		
Project Title:		Tacoma Narrows Airport Stormwater Retrofit Design			Project Category:		Stormwater Activity				
114	604.5	PIERCE	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	3	

The Tacoma Narrows Airport (hereby referred to as the airport) is located in Gig Harbor, Washington. The airport serves a variety of general and commercial aircraft. All stormwater drainage from the southern half of the airport discharges directly into Puget Sound. This high-priority project will identify pollution generating areas and design a TAPE approved treatment system to eliminate untreated stormwater discharge to comply with the NPDES and Industrial stormwater permit requirements.

Applicant Name:		Milton city of					Application Number:		WQC-2019-Milton-00147		
Project Title:		Purchase and Operation of a High-Efficiency/Regenerative Air			Project Category:		Stormwater Activity				
115	593.5	PIERCE	\$157,500	\$0	\$0	\$0	\$0	\$0	\$0	3	

The City of Milton wishes to purchase a high-efficiency/regenerative air sweeper to aid in the reduction of polluted sediment that reaches the MS4 and local waterbodies.

Applicant Name:		Lummi Tribal Sewer and Water District					Application Number:		WQC-2019-LuTSWD-00103		
Project Title:		Kwina Rd. WWTF Disinfection Improvements for Water Reuse			Project Category:		Wastewater Facility		Step 4: Design & Construction		
116	592	WHATCOM	\$0	\$164,000	\$0	\$0	\$0	\$0	\$0	3	

The Kwina Road MBR WWTP generally meets the reclaimed water quality requirements and the Ecology reclaimed water reliability guidelines except for the distribution system chlorine residual requirement. The WWTP uses UV disinfection resulting in no chlorine residual. Capital improvements recommended to provide reclaimed water to the NW Indian College (NWIC) include: Reclaimed Water Storage, Booster Pump Station, Sodium Hypochlorite Addition System, New Pipeline between the WWTP and the NWIC.

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Applicant Name:		University of Washington - Tacoma					Application Number:		WQC-2019-UWTaco-00013		
Project Title:		Washington Community Allied Lake Monitoring: A Collaborat			Project Category:		Nonpoint Source Activity				
117	586	PIERCE	\$249,916	\$0	\$0	\$0	\$0	\$0	\$0	3	

The Washington Lake Protection Association is partnering with state public universities, natural resource agencies, and other stakeholders to create a state-wide volunteer monitoring program to increase public usability and improve long-term lake health. This pilot program will monitor 24 publicly accessible lakes across the state for priority water quality parameters and invasive species and provide public outreach to lake users to increase the application of best management practices.

Applicant Name:		Stevens County Conservation District					Application Number:		WQC-2019-StCoCD-00032		
Project Title:		Stevens Water Quality Education / Implementation			Project Category:		Nonpoint Source Activity				
118	582	STEVENS	\$246,846	\$0	\$0	\$0	\$0	\$0	\$0	3	

Stevens County has several Category 5 streams. While some are being addressed by TMDLs, several are not. SCCD proposes to address water quality issues countywide with particular emphasis being given to Chamokane Creek. Chamokane Creek Watershed is given this emphasis because several problem areas have already been identified and landowners approached about water quality projects. Also, SCCD previously developed a Chamokane Watershed Council that will be reactivated under this grant.

Applicant Name:		Lummi Tribal Sewer and Water District					Application Number:		WQC-2019-LuTSWD-00061		
Project Title:		Gooseberry Lift Station Improvements Step 4 Design/Construct			Project Category:		Wastewater Facility		Step 4: Design & Construction		
119	577.5	WHATCOM	\$0	\$4,471,000	\$0	\$0	\$0	\$0	\$0	3	

Improvements to Wastewater Pump Stations 1 & 10 force main conveyance pipelines on Gooseberry Point on the Lummi Reservation

Applicant Name:		Aberdeen city of - Public Works					Application Number:		WQC-2019-AberPW-00062		
Project Title:		Aberdeen Sewer Conveyance Rehabilitation Study			Project Category:		Wastewater Facility				
120	560	GRAYS HARBOR	\$0	\$100,241	\$0	\$0	\$0	\$0	\$0	3	

The Aberdeen Sewer Conveyance Rehabilitation Study includes the identification of sewer interceptors requiring rehabilitation for the reduction of infiltration and inflow (I/I) and the evaluation of the most appropriate pipe rehabilitation methodologies based on pipe size, condition, and location. This project will include the initial planning and preliminary design phase to produce an Ecology approved Engineering Report.

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Applicant Name:		Nisqually Indian Tribe					Application Number:		WQC-2019-NisqIT-00218		
Project Title:		Nisqually River PBDE Source Study – Phase 2			Project Category:		Nonpoint Source Activity				
121	519	PIERCE	\$78,345	\$0	\$0	\$0	\$0	\$0	\$0	3	

A recent study on contaminant exposure in Puget Sound steelhead documented that PBDEs were highest in the Nisqually River system, at levels high enough to adversely affect the health of salmonids, including ESA-listed species. In response the Nisqually Tribe funded an initial source assessment study, conducted during summer low flows. This study's results were not definitive. The purpose of this proposal is to seek funding for an additional investigation during high/winter flows.

Applicant Name:		Clark Conservation District					Application Number:		WQC-2019-ClarCD-00222		
Project Title:		Clark Watershed Stewardship			Project Category:		Nonpoint Source Activity				
122	484	CLARK	\$158,250	\$0	\$0	\$0	\$0	\$0	\$0	3	

Clark Watershed Stewardship will provide outreach and opportunities for landowners, the public, and policy makers to learn, recognize, evaluate, and recommend solutions for promote watershed friendly choices and water quality activities. This project will improve water quality and fish habitat in the Gee and Whipple Creeks, Salmon Creek, and Lacamas Creek and Washougal River watersheds through education, outreach, and stewardship activities.

Applicant Name:		West Sound Utility District					Application Number:		WQC-2019-WSUD-00179		
Project Title:		Bethel Corridor Sewer Capital Improvement Project			Project Category:		On-Site Sewage System				
123	360	KITSAP	\$0	\$4,800,000	\$0	\$0	\$0	\$0	\$0	3	

Funded through the planned formation of a utility local improvement district, West Sound Utility District plans on extending sewer service to approximately 216 developable acres (187 parcels) within the Bethel corridor, East Port Orchard subarea.

Applicant Name:		Coulee City town of					Application Number:		WQC-2019-CouCit-00171		
Project Title:		Coulee City STP Loan Refinance			Project Category:		Wastewater Facility				
Refi		GRANT	\$0	\$705,000	\$0	\$0	\$0	\$0	\$0	2	

The Town of Coulee City is interested in refinancing USDA Rural Development loan used to finance improvements to its sewer lagoons and the sub pump project. A standard refinance would significantly reduce the amount of loan interest paid and allow these savings to be used for treatment plant maintenance and equipment replacement.

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Applicant Name:		Metaline town of					Application Number:		WQC-2019-Metali-00080	
Project Title:		Metaline STP Refinance FY 2019			Project Category:		Wastewater Facility			
Refi		PEND OREILLE	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	2

The Town of Metaline is interested in refinancing a USDA Rural Development loan used to finance its wastewater treatment plant. A standard refinance would significantly reduce the amount of loan interest paid and allow these savings to be used for wastewater treatment plant maintenance and equipment replacement.

Applicant Name:		Ferndale city of					Application Number:		WQC-2019-Fernda-00026	
Project Title:		Thornton Street Stormwater Management Facility			Project Category:		Stormwater Facility			
Inel		WHATCOM	\$624,347	\$0	\$0	\$0	\$0	\$0	\$0	1

The Stormwater Management Facility will provide flow control and water quality treatment for the stormwater from the City of Ferndale's proposed Thornton Railroad Overcrossing Project (Malloy Avenue to 2nd Avenue Roundabout) as well as for a future improvement project (Thornton Street from Malloy Avenue to Vista Drive). Stormwater runoff from both of the project areas (2.06 acres in total) is currently neither detained nor treated. The facility is schedule to be constructed in 2020.

Applicant Name:		Bellevue city of					Application Number:		WQC-2019-Bellev-00173	
Project Title:		Detention Facility Retrofits - Active Controls for Stormwater T			Project Category:		Stormwater Facility			
Inel		KING	\$151,170	\$0	\$0	\$0	\$0	\$0	\$0	1

This project will retrofit two regional detention facilities with continuous monitoring and adaptive control (CMAC) systems. The CMAC system will allow for more efficient operations of these facilities from both a flow control and water quality perspective. The CMAC system will provide increased water retention time in the regional detention facilities compared to current conditions, thus increasing their ability to capture pollutants.

Applicant Name:		Tacoma - Pierce County Health Department					Application Number:		WQC-2019-TPCoHD-00214	
Project Title:		Microbial Source Tracking			Project Category:		Nonpoint Source Activity			
Inel		PIERCE	\$38,681	\$0	\$0	\$0	\$0	\$0	\$0	1

This project will build off a pilot project the Tacoma-Pierce County Health Department entered into with the EPA Manchester lab to determine marine and freshwater contamination sources; human, ruminant, or non-human/non-ruminant using mircrobial source tracking for human biomarkers.

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Applicant Name:		King County - Water and Land Resources Division					Application Number:		WQC-2019-KCWLRD-00140	
Project Title:		Sub-Pavement Infiltration (SPI)			Project Category:		Stormwater Facility			
Inel		KING	\$204,350	\$0	\$0	\$0	\$0	\$0	\$0	1

Sub-Pavement Infiltration (SPI) provides the stormwater runoff benefits of permeable pavement with the durability and lower maintenance costs of traditional pavement. Jovita Woods, a residential subdivision constructed in 2012, used permeable pavement in their access road and experienced repeated pavement failures within 2 years. Replacing the permeable pavement with SPI will avoid future pavement failure while still providing the runoff flow control BMP's that were required for the subdivision.

Applicant Name:		Clark County - Public Works Department					Application Number:		WQC-2019-CICoPW-00166	
Project Title:		West Mill Creek Headwaters Enhancement Project			Project Category:		Stormwater Facility			
Inel		CLARK	\$2,354,550	\$0	\$0	\$0	\$0	\$0	\$0	1

This project constructs a large stormwater retention area to restore the natural surface and groundwater hydrology in a headwaters area of Mill Creek. The approximately 29-acre project will improve regional water quality and flow control, reverse ditching that has occurred within the wetland, raise and stabilize an existing incised stream and restore the natural groundwater recharge characteristics within an important headwater wetland. An overview of the project is provided as Attachment 1.

Totals:	\$66,085,068	\$348,983,445	\$12,117,829	\$1,500,000	\$110,782,395	\$4,217,605	\$26,833,726
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Footnotes

- 1) The project was not rated and ranked because it was determined to be ineligible for funding.
- 2) The project was not rated and ranked because it is a refinance project. Ecology only funds refinance projects if there are CWSRF funds remaining after all other eligible projects are funded. All available CWSRF funds were directed to other eligible projects.
- 3) The project did not meet the minimum score of 600 points overall and/or 250 points on water quality and public health improvements required to be eligible for funding.
- 4) The project received more than the minimum points required to be eligible for funding, but it was not proposed/offered funding because all available funds in the category or funding source for which the project was eligible were proposed/offered to higher ranked projects.
- 5) The project rated and ranked high enough to be proposed/offered Centennial grant, but the application is a reapplication for a project that was offered Centennial grant in the SFY18 Final List, so it is not proposed/offered new SFY19 Centennial grant.
- 6) The project rated and ranked high enough to be proposed/offered Centennial grant, but the application is a reapplication for a project that was offered Centennial grant in the SFY18 Final List, so it is not proposed/offered new SFY19 Centennial grant. However, it is proposed/offered CWSRF loan to meet the proposed/offered SFY18 Centennial grant match of 25%.
- 7) The project is a facility project proposed by a city, town, or county proposed/offered funding. If the applicant is required to plan under the GMA, it must be in compliance with Chapter 36.70a RCW before Ecology can sign a funding agreement.
- 8) The project is a facility design, construction, or design/construction project proposed/offered CWSRF loan and/or Centennial grant. The applicant may be required to conduct an Investment Grade Efficiency Audit (IGEA).
- 9) The project is proposed/offered CWSRF loan. Ecology must conduct a FCA as described in the Financial Capability Assessment section before Ecology can sign a funding agreement.
- 10) The project is proposed/offered CWSRF loan. The applicant will be required to certify it has prepared a CES that meets the minimum criteria and provide a certification as described in the Cost and Effectiveness Analysis section.
- 11) The project is a facility construction or design/construction project proposed/offered CWSRF loan. The applicant will be required to certify it has prepared a FSP that meets the minimum criteria and provide a certification as described in the Fiscal Sustainability Plan section before Ecology can sign a funding agreement.
- 12) The project is a facility project proposed/offered CWSRF loan. Where applicable, the applicant will be required to comply with the following: a) the AIS requirements described in the American Iron and Steel section; b) the SERP requirements described in the State Environmental Review Process section; and c) the federal prevailing wage requirements described in the Davis-Bacon Act Wages section.
- 13) The project is proposed/offered CWSRF loan and identified as a "Designated Equivalency Project". In addition to any other requirements, the project will be required to meet the following federal requirements: a) the A/E services procurement requirements described in the Architectural and Engineering Services Procurement section; b) the environmental cross cutters reporting requirements described in the Federal Cross Cutters section; and c) the Single Audit Act requirements described in the Federal Single Audit Act section.
- 14) The project is a wastewater facility project determined by Ecology to be eligible for financial hardship funding for construction.

- 15) The project was determined by Ecology to be eligible for financial hardship funding for construction, but due to insufficient Centennial grant Ecology proposed/offered only CWSRF loan for construction.
- 16) The project is a design/construction project determined by Ecology to be eligible for financial hardship funding for construction, but due to insufficient Centennial grant and CWSRF loan the proposed/offered funding is only for the design component.
- 17) The project is a design/construction project, but due to a lack of CWSRF funds the proposed/offered funding is only for the design component.
- 18) Ecology will coordinate funding for the project with USDA Rural Development.
- 19) The proposed/offered CWSRF loan only partially covers the requested funding because funds in the category or funding source for which the project was eligible ran-out with the proposed/offered funding. In addition, the requested funding exceeds the \$25 million maximum CWSRF loan per applicant for the facilities category.
- 20) The proposed/offered CWSRF loan for the project resulted in the applicant reaching the \$25 million maximum CWSRF loan per applicant for the facilities category.
- 21) The proposed/offered CWSRF forgivable principal loan for the project is the \$575,000 maximum forgivable principal loan per applicant for the preconstruction category.
- 22) The proposed/offered CWSRF loan for the project is above the maximum for the nonpoint activities category because there were funds still available in the category after all other projects in the category were proposed/offered funds.
- 23) The applicant requested a 30-year term CWSRF loan, but Ecology projected the project life to be 20 years, thus the proposed/offered CWSRF loan term is 20 years.
- 24) The proposed/offered CWSRF loan is for the match for the proposed/offered Centennial grant.
- 25) The applicant did not request GPR consideration, but the project is eligible for GPR, thus Ecology proposed/offered CWSRF GPR loan.
- 26) The proposed/offered SFAP grant reflects hardship consideration with a reduced 15% match.
- 27) The proposed/offered SFAP grant reflects known project components ineligible for SFAP grant.
- 28) The proposed/offered SFAP grant resulted in the applicant reaching the \$5 million maximum SFAP grant per applicant.
- 29) The project is a nonpoint activity project. If the project requires landowner participation for implementation of best management practices, funding will be contingent on the applicant verifying landowner commitment and readiness to proceed.
- 30) The grant funding for project objectives may not exceed 75% of total eligible costs (85% for SFAP hardship communities).
- 31) The project may receive additional funds to cover 100% of eligible riparian buffer activity that meets Ecology's funding requirements depending on available Section 319 funding. Ecology may require further clarification of the riparian restoration task and budget.

Appendix 1a: List of Projects Offered CWSRF Funding

Appendix 1a contains a list of projects offered funding strictly from CWSRF in ranked priority order.

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Revolving Fund Projects Identified for Funding**

Rank	Permit Number	Effluent Limits	Time Frame	Total Funds Requested	Revolving Fund Total Proposed	Standard Loan Proposed	Hardship Forgivable Principal Proposed	GPR Standard Loan Proposed	GPR Forgivable Principal Proposed	Precon Standard Loan Proposed	Precon Forgivable Principal Proposed	Loan Term (yrs)	Loan Interest Rate	Notes
Applicant Name:		Rosalia, Town of								Application Number: WQC-2019-Rosalia Water-0014				
Project Title:		Town of Rosalia Wastewater Collection System Improvement				CWSRF Project Category: Sewer System Rehabilitation (Category IIIB)								
1	WA 0044687	BOD: 45 mg/l TSS: 45 mg/l	Start: 05/01/18 End: 04/30/22 Months	\$6,894,574	\$3,967,653	\$3,345,053	\$0	\$0	\$0	\$311,300	\$311,300	20	1.8%	
Applicant Name:		Long Beach city of								Application Number: WQC-2019-LongBe-00060				
Project Title:		Regional Biosolids Treatment Facility				CWSRF Project Category: Advanced Treatment (Category II)								
2	0022489	BOD: 30 mg/l TSS: 30 mg/l	Start: 07/01/18 End: 02/28/20 Months	\$7,000,000	\$5,167,198	\$4,615,198	\$0	\$0	\$0	\$276,000	\$276,000	20	1.9%	
Applicant Name:		Toppenish city of - Public Works Department								Application Number: WQC-2019-Toppen-00182				
Project Title:		Sewer System Improvements Phase II				CWSRF Project Category: Sewer System Rehabilitation (Category IIIB)								
3	WA-0026123	BOD: 30 mg/l TSS: 30 mg/l	Start: 07/01/18 End: 12/31/20 Months	\$6,370,500	\$4,071,272	\$3,449,772	\$0	\$0	\$0	\$310,750	\$310,750	20	1.4%	
Applicant Name:		Ferndale city of								Application Number: WQC-2019-Fernda-00209				
Project Title:		Design of Ferndale WWTP Upgrade				CWSRF Project Category: Undefined								
4	WA0022454	BOD: 25 mg/l TSS: 30 mg/l	Start: 06/01/16 End: 08/01/18 Months	\$1,519,500	\$1,519,500	\$0	\$0	\$0	\$0	\$1,519,500	\$0	20	2.0%	
Applicant Name:		Westport city of								Application Number: WQC-2019-Westpo-00178				
Project Title:		Pump Station 12 Upgrades				CWSRF Project Category: Sewer System Rehabilitation (Category IIIB)								
5	WA0020923	BOD: 30 mg/l TSS: 30 mg/l	Start: 07/01/18 End: 08/01/21 Months	\$726,500	\$478,004	\$397,854	\$0	\$0	\$0	\$40,075	\$40,075	20	1.4%	

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Applicant Name:		King County - Natural Resources and Parks Department								Application Number:		WQC-2019-KCoNRP-00170			
Project Title:		Joint Ship Canal Water Quality CSO Control				CWSRF Project Category:		CSO Correction (Category V)							
8	SPU WA-003168-2, DNRP WA-002918-1	BOD: 2 mg/l TSS: 5 mg/l	Start: 07/01/18 End: 06/30/20 Months	\$20,734,872	\$11,543,000	\$11,543,000	\$0	\$0	\$0	\$0	\$0	30	2.6%		
Applicant Name:		Seattle city of - Public Utilities Department								Application Number:		WQC-2019-SeaPUD-00050			
Project Title:		Ship Canal Water Quality Project				CWSRF Project Category:		CSO Correction (Category V)							
9	SPU WA-003168-2, DNRP WA-002918-1	BOD: 2 mg/l TSS: 5 mg/l	Start: 07/01/18 End: 06/30/20 Months	\$40,057,785	\$25,000,000	\$25,000,000	\$0	\$0	\$0	\$0	\$0	20	2.0%		
Applicant Name:		Dayton, City of								Application Number:		WQC-2019-Dayton-00111			
Project Title:		Wastewater Treatment Plant Design				CWSRF Project Category:		Undefined							
10	WA-0020	BOD: 30 mg/l TSS: 30 mg/l	Start: 07/01/18 End: 02/28/21 Months	\$990,000	\$990,000	\$0	\$0	\$0	\$0	\$495,000	\$495,000	20	2.0%		
Applicant Name:		Port Orchard city of - Public Works Department								Application Number:		WQC-2019-PoOrPW-00025			
Project Title:		Marina Pump Station				CWSRF Project Category:		Undefined							
11		N/A	Start: 07/01/17 End: 12/31/20 Months	\$4,110,000	\$4,110,000	\$4,110,000	\$0	\$0	\$0	\$0	\$0	20	2.0%		
Applicant Name:		Aberdeen city of - Public Works								Application Number:		WQC-2019-AberPW-00099			
Project Title:		Aberdeen Regional Wastewater Facilities Plan				CWSRF Project Category:		Undefined							
13	WA-0037192	BOD: 30 mg/l TSS: 30 mg/l	Start: 02/01/18 End: 03/15/20 Months	\$378,000	\$378,000	\$0	\$0	\$0	\$0	\$189,000	\$189,000	20	2.0%		

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Revolving Fund Projects Identified for Funding**

Rank	Permit Number	Effluent Limits	Time Frame	Total Funds Requested	Revolving Fund Total Proposed	Standard Loan Proposed	Hardship Forgivable Principal Proposed	GPR Standard Loan Proposed	GPR Forgivable Principal Proposed	Precon Standard Loan Proposed	Precon Forgivable Principal Proposed	Loan Term (yrs)	Loan Interest Rate	Notes	
Applicant Name:		King County - Natural Resources and Parks Department								Application Number:		WQC-2019-KCoNRP-00040			
Project Title:		Georgetown Wet Weather Treatment Station (GWWTs)			CWSRF Project Category:		CSO Correction (Category V)								
15	WA00929181	<u>BOD:</u> 8 mg/l <u>TSS:</u> 11 mg/l	Start: 07/01/18 End: 09/30/22 Months	\$150,397,324	\$13,457,000	\$13,457,000	\$0	\$0	\$0	\$0	\$0	30	2.6%		
Applicant Name:		Bellingham city of - Public Works Department								Application Number:		WQC-2019-BellPW-00117			
Project Title:		Little Squalicum Estuary Water Quality Improvements			CWSRF Project Category:		Hydromodification (Category VII-K)								
16		N/A	Start: 07/01/18 End: 06/30/21 Months	\$708,295	\$208,295	\$0	\$0	\$208,295	\$0	\$0	\$0	30	2.0%		
Applicant Name:		Mattawa city of								Application Number:		WQC-2019-Mattaw-00207			
Project Title:		Mattawa Wastewater Treatment Facility Improvements			CWSRF Project Category:		Secondary Treatment (Category I)								
19	ST 0008066	<u>BOD:</u> 15 mg/l <u>TSS:</u> 15 mg/l	Start: 07/01/18 End: 07/01/22 Months	\$3,457,000	\$2,569,130	\$2,269,130	\$0	\$0	\$0	\$150,000	\$150,000	20	1.5%		
Applicant Name:		Bellingham city of - Public Works Department								Application Number:		WQC-2019-BellPW-00121			
Project Title:		West Cemetery Creek Water Quality Improvements			CWSRF Project Category:		Hydromodification (Category VII-K)								
20		N/A	Start: 07/01/18 End: 06/30/21 Months	\$948,066	\$135,438	\$0	\$0	\$135,438	\$0	\$0	\$0	20	1.3%		
Applicant Name:		Ferndale city of								Application Number:		WQC-2019-Fernda-00022			
Project Title:		Construction of Ferndale Wastewater Treatment Plant (WW)			CWSRF Project Category:		Secondary Treatment (Category I)								
21	WA0022454	<u>BOD:</u> 25 mg/l <u>TSS:</u> 30 mg/l	Start: 07/01/18 End: 02/28/21 Months	\$26,626,000	\$13,023,284	\$13,023,284	\$0	\$0	\$0	\$0	\$0	20	2.0%		

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Revolving Fund Projects Identified for Funding**

Rank	Permit Number	Effluent Limits	Time Frame	Total Funds Requested	Revolving Fund Total Proposed	Standard Loan Proposed	Hardship Forgivable Principal Proposed	GPR Standard Loan Proposed	GPR Forgivable Principal Proposed	Precon Standard Loan Proposed	Precon Forgivable Principal Proposed	Loan Term (yrs)	Loan Interest Rate	Notes	
Applicant Name:		St John town of								Application Number:		WQC-2019-StJohn-00136			
Project Title:		St. John Wastewater Facilities Plan				CWSRF Project Category:		Undefined							
27	WA0021229	BOD: 30 mg/l TSS: 30 mg/l	Start: 07/31/18 End: 08/31/19 Months	\$131,000	\$131,000	\$0	\$0	\$0	\$0	\$65,500	\$65,500	5	1.0%		
Applicant Name:		Grandview city of								Application Number:		WQC-2019-Grandview-00092			
Project Title:		Sanitary Sewer Trunk Main Replacement				CWSRF Project Category:		Undefined							
29		N/A	Start: 09/01/17 End: 12/31/20 Months	\$5,200,000	\$601,000	\$0	\$0	\$0	\$0	\$300,500	\$300,500	20	2.0%		
Applicant Name:		Vader, city of								Application Number:		WQC-2019-Vaderc-00073			
Project Title:		City of Vader WW Treatment Upgrade Design				CWSRF Project Category:		Undefined							
31	WA0021083	BOD: ## mg/l TSS: ## mg/l	Start: 07/01/18 End: 07/01/20 Months	\$686,000	\$686,000	\$0	\$0	\$0	\$0	\$343,000	\$343,000	20	2.0%		
Applicant Name:		Bellingham city of - Public Works Department								Application Number:		WQC-2019-BellPW-00118			
Project Title:		Anderson Creek Water Quality Improvements				CWSRF Project Category:		Hydromodification (Category VII-K)							
35		N/A	Start: 07/01/18 End: 06/30/21 Months	\$2,162,515	\$1,662,515	\$0	\$0	\$1,662,515	\$0	\$0	\$0	20	1.3%		
Applicant Name:		Friday Harbor town of								Application Number:		WQC-2019-FriHar-00028			
Project Title:		Friday Harbor Sewer Outfall Replacement				CWSRF Project Category:		Undefined							
37	WA0023582	BOD: 30 mg/l TSS: 30 mg/l	Start: 08/07/16 End: 10/01/20 Months	\$1,478,660	\$184,260	\$0	\$0	\$0	\$0	\$92,130	\$92,130	20	2.0%		

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Revolving Fund Projects Identified for Funding**

Rank	Permit Number	Effluent Limits	Time Frame	Total Funds Requested	Revolving Fund Total Proposed	Standard Loan Proposed	Hardship Forgivable Principal Proposed	GPR Standard Loan Proposed	GPR Forgivable Principal Proposed	Precon Standard Loan Proposed	Precon Forgivable Principal Proposed	Loan Term (yrs)	Loan Interest Rate	Notes	
Applicant Name:		Stevenson city of - Public Works								Application Number:		WQC-2019-StevPW-00044			
Project Title:		Stevenson Clean Water Facility and Collection Improve				CWSRF Project Category:				Undefined					
47	WA 0020672	<u>BOD:</u> ## mg/l <u>TSS:</u> ## mg/l	Start: 07/01/18 End: 06/30/20 Months	\$1,985,000	\$1,985,000	\$0	\$0	\$0	\$0	\$1,410,000	\$575,000	20	2.0%		
Applicant Name:		Mabton city of								Application Number:		WQC-2019-Mabton-00128			
Project Title:		Mabton Collection System Project				CWSRF Project Category:				Undefined					
48	WA-002064-8	<u>BOD:</u> 10 mg/l <u>TSS:</u> 30 mg/l	Start: 07/01/18 End: 03/31/21 Months	\$4,744,200	\$378,800	\$0	\$0	\$0	\$0	\$189,400	\$189,400	20	2.0%		
Applicant Name:		Waterville town of								Application Number:		WQC-2019-waterv-00081			
Project Title:		Collection System Improvements				CWSRF Project Category:				Undefined					
55	State Waste Discharge Permit ST-9000	<u>BOD:</u> 60 mg/l <u>TSS:</u> ## mg/l	Start: 07/01/18 End: 01/31/20 Months	\$890,100	\$85,000	\$0	\$0	\$0	\$0	\$42,500	\$42,500	20	2.0%		
Applicant Name:		Nisqually Indian Tribe								Application Number:		WQC-2019-NisqIT-00217			
Project Title:		Mashel River and Ohop Creek Water-Quality Protection				CWSRF Project Category:				185 Silviculture (Category VII-C)					
57		N/A	Start: 07/01/18 End: 12/31/20 Months	\$20,149,914	\$14,243,752	\$0	\$0	\$14,243,752	\$0	\$0	\$0	20	1.3%		
Applicant Name:		Republic city of - Public Works								Application Number:		WQC-2019-RepcPW-00101			
Project Title:		Republic President's Bowl I/I Reduction Plan, Headworks				CWSRF Project Category:				Undefined					
59	ST 8020	<u>BOD:</u> 30 mg/l <u>TSS:</u> 30 mg/l	Start: 07/01/18 End: 12/31/19 Months	\$144,650	\$144,650	\$0	\$0	\$0	\$0	\$72,325	\$72,325	5	1.0%		

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Revolving Fund Projects Identified for Funding**

Rank	Permit Number	Effluent Limits	Time Frame	Total Funds Requested	Revolving Fund Total Proposed	Standard Loan Proposed	Hardship Forgivable Principal Proposed	GPR Standard Loan Proposed	GPR Forgivable Principal Proposed	Precon Standard Loan Proposed	Precon Forgivable Principal Proposed	Loan Term (yrs)	Loan Interest Rate	Notes	
Applicant Name:		Lummi Tribal Sewer and Water District								Application Number:		WQC-2019-LuTSWD-00155			
Project Title:		Gooseberry WWTP Step 2: Design				CWSRF Project Category:				Undefined					
62	WA-002566-6	<u>BOD:</u> 30 mg/l <u>TSS:</u> 30 mg/l	Start: 07/01/18 End: 12/20/18 Months	\$1,012,000	\$1,012,000	\$0	\$0	\$0	\$0	\$506,000	\$506,000	20	2.0%		
Applicant Name:		Garfield, Town of								Application Number:		WQC-2019-Garfield-00049			
Project Title:		Garfield Sewer Facilities Plan				CWSRF Project Category:				Undefined					
64		N/A	Start: 07/01/18 End: 12/31/19 Months	\$163,450	\$163,450	\$0	\$0	\$0	\$0	\$81,725	\$81,725	5	1.0%		
Applicant Name:		Friday Harbor town of								Application Number:		WQC-2019-FriHar-00085			
Project Title:		Inflow and Infiltration Study				CWSRF Project Category:				Undefined					
70	WA0023582	<u>BOD:</u> 30 mg/l <u>TSS:</u> 30 mg/l	Start: 07/01/18 End: 04/30/20 Months	\$56,000	\$56,000	\$0	\$0	\$0	\$0	\$28,000	\$28,000	20	2.0%		
Applicant Name:		Endicott town of								Application Number:		WQC-2019-Endico-00161			
Project Title:		Town of Endicott Facilities Plan				CWSRF Project Category:				Undefined					
71	WA0023981	<u>BOD:</u> 20 mg/l <u>TSS:</u> 20 mg/l	Start: 07/01/18 End: 12/31/20 Months	\$156,800	\$156,800	\$0	\$0	\$0	\$0	\$78,400	\$78,400	20	2.0%		
Applicant Name:		Clark County - Public Health Department								Application Number:		WQC-2019-CICoPH-00191			
Project Title:		Regional Clean Water Loan Program expansion to improve				CWSRF Project Category:				Individual/Decentralized Sewage Treatment (Category VII-L)					
93		N/A	Start: 07/01/18 End: 06/30/21 Months	\$9,000,000	\$6,000,000	\$0	\$0	\$6,000,000	\$0	\$0	\$0	5	1.0%		

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Revolving Fund Projects Identified for Funding**

Rank	Permit Number	Effluent Limits	Time Frame	Total Funds Requested	Revolving Fund Total Proposed	Standard Loan Proposed	Hardship Forgivable Principal Proposed	GPR Standard Loan Proposed	GPR Forgivable Principal Proposed	Precon Standard Loan Proposed	Precon Forgivable Principal Proposed	Loan Term (yrs)	Loan Interest Rate	Notes	
Applicant Name:		Aberdeen city of - Public Works								Application Number:		WQC-2019-AberPW-00098			
Project Title:		Aberdeen WWTF Disinfection Improvements, Design &an				CWSRF Project Category:		Undefined							
100	WA0037192	BOD: 30 mg/l TSS: 30 mg/l	Start: 01/01/18 End: 01/01/23 Months	\$1,145,000	\$142,000	\$0	\$0	\$0	\$0	\$71,000	\$71,000	20	2.0%		
Applicant Name:		Skagit County - Health Department								Application Number:		WQC-2019-SkCoHD-00127			
Project Title:		Skagit County Non-point Septic Repair Fund				CWSRF Project Category:		Individual/Decentralized Sewage Treatment (Category VII-L)							
112		N/A	Start: 07/01/18 End: 06/30/21 Months	\$1,250,000	\$750,000	\$0	\$0	\$750,000	\$0	\$0	\$0	20	2.0%		
Totals:				\$321,273,705	\$115,000,000	\$81,210,290	\$0	\$23,000,000	\$0	\$6,572,105	\$4,217,605				

Appendix 1b: List of Projects Offered Centennial Funding

Appendix 1b contains a list of projects offered funding strictly from Centennial in ranked priority order.

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Centennial Grant Projects Identified for Funding**

Rank	Hardship	County	Grant Funds Requested/Eligible	Centennial Funding Proposed	Footnotes
Applicant Name:		Rosalia, Town of		Application Number:	WQC-2019-Rosalia Water-0
Project Title:		Town of Rosalia Wastewater Collection System Improvements	Project Type:	Wastewater Facility	Step 4: Design & Construction
1	Hardship	WHITMAN	\$2,926,921	\$2,926,921	
Applicant Name:		Long Beach city of		Application Number:	WQC-2019-LongBe-00060
Project Title:		Regional Biosolids Treatment Facility	Project Type:	Wastewater Facility	Step 4: Design & Construction
2	Hardship	PACIFIC	\$1,832,802	\$1,832,802	
Applicant Name:		Toppenish city of - Public Works Department		Application Number:	WQC-2019-Toppen-00182
Project Title:		Sewer System Improvements Phase II	Project Type:	Wastewater Facility	Step 4: Design & Construction
3	Hardship	YAKIMA	\$2,299,228	\$2,299,228	
Applicant Name:		Westport city of		Application Number:	WQC-2019-Westpo-00178
Project Title:		Pump Station 12 Upgrades	Project Type:	Wastewater Facility	Step 4: Design & Construction
5	Hardship	GRAYS HARBOR	\$248,496	\$248,496	
Applicant Name:		Snohomish Conservation District		Application Number:	WQC-2019-SnohCD-00146
Project Title:		Restoration at the Riverfront: Snohomish River at RM 13 Restorat	Project Type:	Nonpoint Source Activity	
17		SNOHOMISH	\$217,873	\$23,030	
Applicant Name:		Mattawa city of		Application Number:	WQC-2019-Mattaw-00207
Project Title:		Mattawa Wastewater Treatment Facility Improvements	Project Type:	Wastewater Facility	Step 4: Design & Construction
19	Hardship	GRANT	\$1,137,870	\$1,137,870	
Applicant Name:		Bellingham city of - Public Works Department		Application Number:	WQC-2019-BellPW-00121
Project Title:		West Cemetery Creek Water Quality Improvements	Project Type:	Nonpoint Source Activity	
20		WHATCOM	\$406,314	\$406,314	

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Centennial Grant Projects Identified for Funding**

Rank	Hardship	County	Grant Funds Requested/Eligible	Centennial Funding Proposed	Footnotes
Applicant Name:		Nooksack Indian Tribe		Application Number:	WQC-2019-NookIT-00105
Project Title:		South Fork Nooksack Temperature TMDL Implementation	Project Type:	Nonpoint Source Activity	
22		WHATCOM	\$129,826	\$129,826	
Applicant Name:		Kittitas County - Conservation District		Application Number:	WQC-2019-KitCCD*-00078
Project Title:		Upper Yakima River Restoration	Project Type:	Nonpoint Source Activity	
25		KITTITAS	\$354,535	\$354,535	
Applicant Name:		Palouse Conservation District		Application Number:	WQC-2019-PaloCD-00165
Project Title:		Palouse Basin BMP Implementation for Water Quality Improvement	Project Type:	Nonpoint Source Activity	
30		WHITMAN	\$499,919	\$499,919	
Applicant Name:		Lummi Indian Business Council		Application Number:	WQC-2019-LuInBC-00138
Project Title:		Fine Sediment Reduction by Floodplain Connectivity in the SF Nod	Project Type:	Nonpoint Source Activity	
33		SKAGIT	\$406,112	\$406,112	
Applicant Name:		Palouse Conservation District		Application Number:	WQC-2019-PaloCD-00077
Project Title:		Thinking Outside the Fertilizer Box: Conservation on Union Flat C	Project Type:	Nonpoint Source Activity	
34		WHITMAN	\$500,000	\$500,000	
Applicant Name:		Bellingham city of - Public Works Department		Application Number:	WQC-2019-BellPW-00118
Project Title:		Anderson Creek Water Quality Improvements	Project Type:	Nonpoint Source Activity	
35		WHATCOM	\$500,000	\$500,000	
Applicant Name:		Snohomish Conservation District		Application Number:	WQC-2019-SnohCD-00063
Project Title:		North Creek Riparian Restoration Project	Project Type:	Nonpoint Source Activity	
43		SNOHOMISH	\$152,129	\$152,129	

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Centennial Grant Projects Identified for Funding**

Rank	Hardship	County	Grant Funds Requested/Eligible	Centennial Funding Proposed	Footnotes
Applicant Name:		King County - Noxious Weed Control Program		Application Number:	WQC-2019-KCoNWC-0003
Project Title:		King County Riparian Buffer Enhancement through Restoration a	Project Type:	Nonpoint Source Activity	
44		KING	\$250,000	\$250,000	
Applicant Name:		Skagit County - Public Works Department		Application Number:	WQC-2019-SkCoPW-00102
Project Title:		Maddox Creek Culvert Removal and Stream Enhancement	Project Type:	Nonpoint Source Activity	
51		SKAGIT	\$450,647	\$450,647	
Totals:			\$12,312,672	\$12,117,829	

Appendix 1c: List of Projects Offered Section 319 Funding

Appendix 1c contains a list of projects offered funding strictly from Section 319 in ranked priority order.

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Clean Water Act Section 319 Grant Projects Identified for Funding**

Rank	County	Grant Funds Requested	Section 319 Funding Proposed	Footnotes
Applicant Name: Okanogan Highlands Alliance		Application Number: WQC-2019-OkHiAl-00204		
Project Title: Triple Creek Water Quality Restoration Project, Phase 2		Project Type: Nonpoint Source Activity		
6	OKANOGAN	\$174,578	\$174,578	
Applicant Name: Lincoln County Conservation District		Application Number: WQC-2019-LiCoCD-00163		
Project Title: Mielke WRP Wetland and Riparian Restoration		Project Type: Nonpoint Source Activity		
7	PEND OREILLE	\$118,886	\$118,886	
Applicant Name: Lower Columbia Estuary Partnership		Application Number: WQC-2019-LCEP-00199		
Project Title: Burnt Bridge Creek Stormwater OSPREY Project		Project Type: Nonpoint Source Activity		
12	CLARK	\$110,384	\$110,384	
Applicant Name: Snohomish Conservation District		Application Number: WQC-2019-SnohCD-00146		
Project Title: Restoration at the Riverfront: Snohomish River at RM 13 Restorat		Project Type: Nonpoint Source Activity		
17	SNOHOMISH	\$217,873	\$194,843	
Applicant Name: Lower Columbia Estuary Partnership		Application Number: WQC-2019-LCEP-00205		
Project Title: Woodin Creek Stormwater OSPREY Project		Project Type: Nonpoint Source Activity		
32	CLARK	\$113,405	\$113,405	
Applicant Name: Adopt A Stream Foundation		Application Number: WQC-2019-Adopta-00002		
Project Title: Strawberry Fields Riparian Buffer Enhancement Part 2		Project Type: Nonpoint Source Activity		
36	SNOHOMISH	\$100,894	\$100,894	
Applicant Name: Columbia Land Trust		Application Number: WQC-2019-CoLaTr-00167		
Project Title: Washougal River Watershed Property Protection		Project Type: Nonpoint Source Activity		
41	SKAMANIA	\$500,000	\$500,000	

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Clean Water Act Section 319 Grant Projects Identified for Funding**

Rank	County	Grant Funds Requested	Section 319 Funding Proposed	Footnotes	
Applicant Name:		Adopt A Stream Foundation		Application Number:	WQC-2019-Adopta-00003
Project Title:		Olaf Strad Remeander and Revegetation	Project Type:	Nonpoint Source Activity	
50	SNOHOMISH	\$187,010	\$187,010		
Totals:		\$1,523,030	\$1,500,000		

Appendix 1d: List of Projects Offered SFAP Funding

Appendix 1d contains a list of projects offered funding strictly from SFAP in ranked priority order.

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Stormwater Financial Assistance Program Projects Identified for Funding**

Rank	County	Grant Funds Requested/Eligible	SFAP Funding Proposed	Footnotes
Applicant Name: Spokane County - Stormwater Utility		Application Number: WQC-2019-SpCoSU-00108		
Project Title: Wellesley Avenue Stormwater Retrofit		Project Type: Stormwater Facility		
18	SPOKANE	\$398,705	\$398,705	
Applicant Name: Spokane County - Stormwater Utility		Application Number: WQC-2019-SpCoSU-00107		
Project Title: Day Mt. Spokane Road Stormwater Retrofit		Project Type: Stormwater Facility		
24	SPOKANE	\$675,437	\$675,437	
Applicant Name: Spokane County - Stormwater Utility		Application Number: WQC-2019-SpCoSU-00106		
Project Title: Wall Street Phase 2 (Greta Ave to Jay Ave) Stormwater Retrofit		Project Type: Stormwater Facility		
28	SPOKANE	\$1,241,749	\$1,241,749	
Applicant Name: Renton city of		Application Number: WQC-2019-Renton-00067		
Project Title: NE 16th - Jefferson Avenue NE Stormwater Green Connections Pr		Project Type: Stormwater Facility		
38	KING	\$2,012,595	\$1,509,446	
Applicant Name: Tacoma city of - Environmental Services Department		Application Number: WQC-2019-TacoES-00130		
Project Title: Upper Buckley Water Quality Project - North Tacoma 07 Basin		Project Type: Stormwater Facility		
39	PIERCE	\$3,411,000	\$3,411,000	
Applicant Name: Richland city of		Application Number: WQC-2019-Richla-00041		
Project Title: Columbia Park Trail - Leslie Stormwater Treatment Retrofit Proj		Project Type: Stormwater Facility		
40	BENTON	\$749,057	\$749,057	
Applicant Name: Tacoma city of - Environmental Services Department		Application Number: WQC-2019-TacoES-00096		
Project Title: Manitou Green Infrastructure Project		Project Type: Stormwater Facility		
42	PIERCE	\$2,921,250	\$1,589,000	

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Stormwater Financial Assistance Program Projects Identified for Funding**

Rank	County	Grant Funds Requested/Eligible	SFAP Funding Proposed	Footnotes
Applicant Name: Spokane city of		Application Number: WQC-2019-Spokan-00154		
Project Title: CSO Basin 22 and Adjacent MS4 Separation		Project Type: Stormwater Facility		
49	SPOKANE	\$840,385	\$840,385	
Applicant Name: Kenmore city of		Application Number: WQC-2019-Kenmor-00120		
Project Title: Juanita Drive NE Complete Streets Project		Project Type: Stormwater Facility		
53	KING	\$1,457,250	\$1,457,250	
Applicant Name: Ellensburg city of - Public Works Department		Application Number: WQC-2019-EllePW-00012		
Project Title: Gateway to the City of Ellensburg Stormwater LID Retrofit Project		Project Type: Stormwater Facility		
60	KITTITAS	\$2,659,883	\$2,704,454	
Applicant Name: Vancouver city of		Application Number: WQC-2019-Vancou-00089		
Project Title: Blandford Drive Subbasins LID Retrofits		Project Type: Stormwater Facility		
61	CLARK	\$2,294,925	\$2,294,925	
Applicant Name: Spokane city of		Application Number: WQC-2019-Spokan-00148		
Project Title: TJ Meenach Water Quality Improvements		Project Type: Stormwater Facility		
66	SPOKANE	\$5,000,000	\$4,159,615	
Applicant Name: Vancouver city of		Application Number: WQC-2019-Vancou-00109		
Project Title: NE Fourth Plain (123rd-131st South) Water Quality Retrofit		Project Type: Stormwater Facility		
74	CLARK	\$708,750	\$700,350	
Applicant Name: Ferndale city of		Application Number: WQC-2019-Fernda-00008		
Project Title: Stormwater Decant Facility Design		Project Type: Stormwater Facility		
75	WHATCOM	\$33,750	\$33,750	

**State Fiscal Year 2019 Final Water Quality Funding Offer List and Intended Use Plan
Stormwater Financial Assistance Program Projects Identified for Funding**

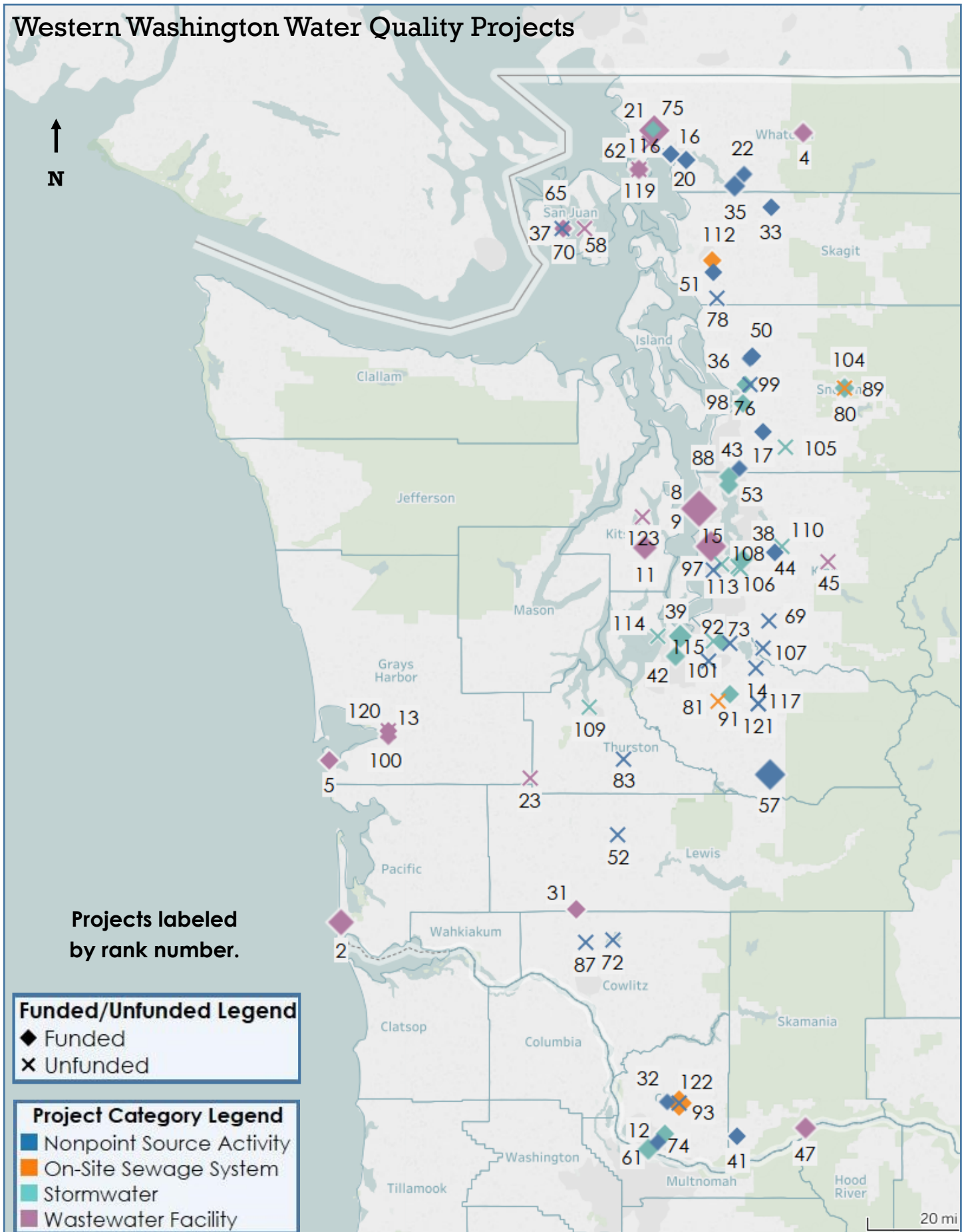
Rank	County	Grant Funds Requested/Eligible	SFAP Funding Proposed	Footnotes
Applicant Name: Marysville city of - Public Works Department		Application Number: WQC-2019-MaryPW-00213		
Project Title: Marysville Enhanced Street Sweeping Program		Project Type: Stormwater Activity		
76	SNOHOMISH	\$386,967	\$386,967	
Applicant Name: Everett city of - Public Works Department		Application Number: WQC-2019-EverPW-00052		
Project Title: Port Gardner Bay Outfalls Water Quality Treatment Retrofit		Project Type: Stormwater Facility		
80	SNOHOMISH	\$882,773	\$882,773	
Applicant Name: Kenmore city of		Application Number: WQC-2019-Kenmor-00151		
Project Title: 68th Avenue NE Pedestrian and Bicycle Safety Improvements Proj		Project Type: Stormwater Facility		
88	KING	\$1,054,950	\$1,054,950	
Applicant Name: Pierce County - Public Works and Utility Department		Application Number: WQC-2019-PiCoPW-00020		
Project Title: Brookdale and North Fork Clover Creek Stormwater Retrofit		Project Type: Stormwater Facility		
91	PIERCE	\$596,663	\$587,663	
Applicant Name: Edgewood city of - Community Development		Application Number: WQC-2019-EdgeCD-00195		
Project Title: Edgewood Closed Depression UIC Pilot Project		Project Type: Stormwater Facility		
92	PIERCE	\$322,500	\$149,250	
Applicant Name: Everett city of - Public Works Department		Application Number: WQC-2019-EverPW-00038		
Project Title: Jackson Park Area Stormwater Separation and Treatment		Project Type: Stormwater Facility		
98	SNOHOMISH	\$937,500	\$937,500	
Applicant Name: Everett city of - Public Works Department		Application Number: WQC-2019-EverPW-00051		
Project Title: Reduction of CSOs at Two Snohomish River Outfalls through GSI		Project Type: Stormwater Facility		
104	SNOHOMISH	\$1,069,500	\$1,069,500	
Totals:		\$29,655,589	\$26,833,726	

Appendix 2: Location Map of All Projects Considered and Offered Funding

Appendix 2 provides a map showing all projects considered and offered funding. Proposals that were determined ineligible for funding are not included.

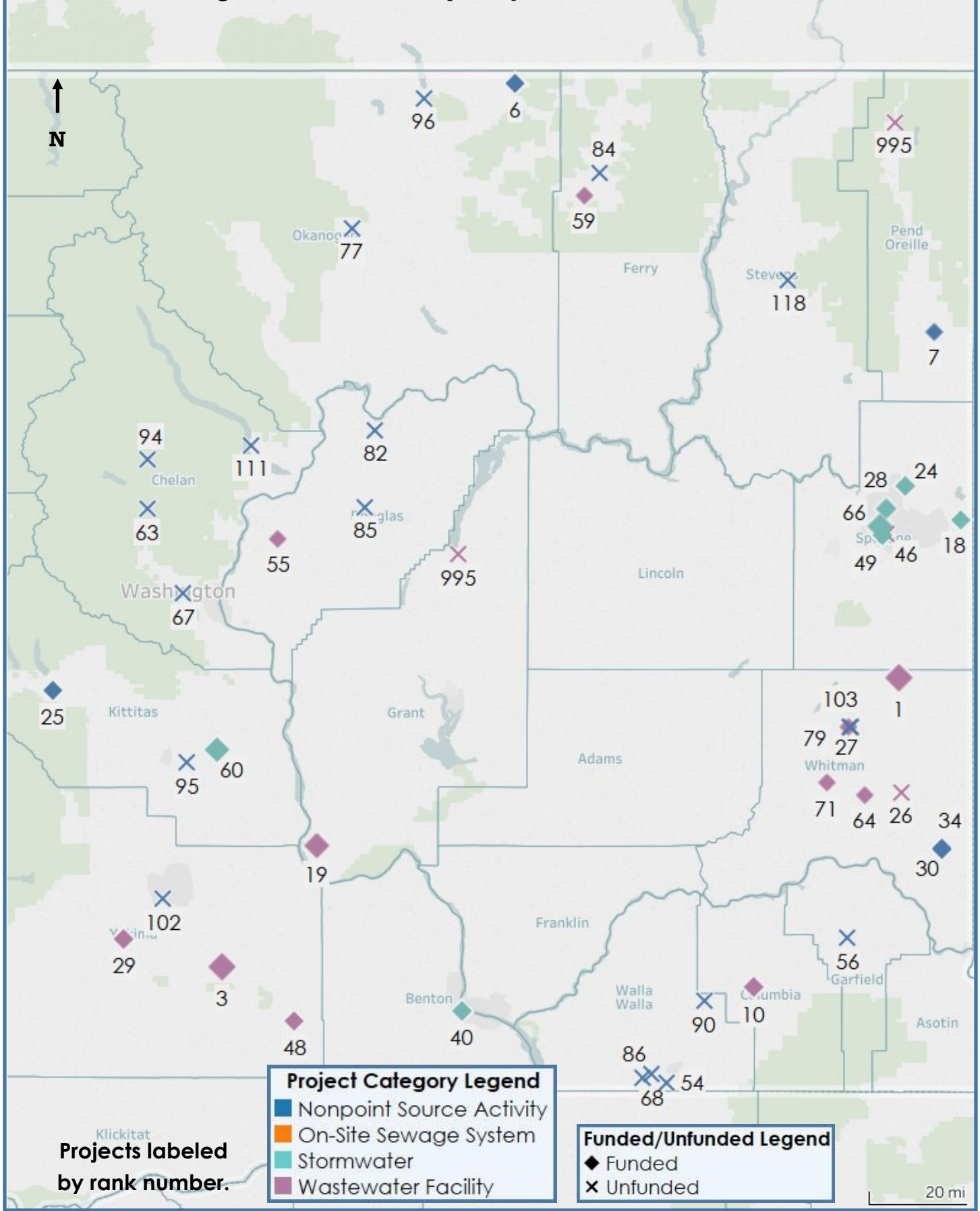
State Fiscal Year 2019 Final Water Quality Funding Offer List

Western Washington Water Quality Projects



State Fiscal Year 2019 Final Water Quality Funding Offer List

Eastern Washington Water Quality Projects



Appendix 3: Response to Public Comments on Draft List

Ecology accepted written comments on the Draft List from January 19, 2018, through 5:00pm on February 19, 2018. Ecology held a public meeting on February 1, 2018, to seek input on the Draft List.

Ecology received a total of six comments on five applications during the public comment period. The following section contains information on the application commented on, the commenter, a summary of the comment, and Ecology's response. To request a copy of the complete comments received, contact Daniel Thompson at daniel.thompson@ecy.wa.gov or (360) 407-6510.

Application; Applicant; Project Title. No specific application.

Commenters: Lisa Remlinger and Max Webster, Washington Environmental Council.

Summary of Comment. The Commenters expressed their support for funding the acquisition and conservation of working forests to reduce nonpoint source pollution inputs to waterways and protect public health.

Ecology Response. Thank you. The SFY19 Final List includes \$14,753,752 in funding offers for land acquisition of nearly 9,000 acres of forest land.

Application; Applicant; Project Title. WQC-2019-OkHiAl-00204; Okanogan Highlands Alliance; Triple Creek Water Quality Restoration Project, Phase 2.

Commenter: Clare Key.

Summary of Comment. The Commenter described the impressive results of Phase 1 of the project and requested Ecology provide funding for Phase 2.

Ecology Response. Ecology is pleased to offer the project \$174,578 in Section 319 grant.

Application; Applicant; Project Title. WQC-2019-PiCoPW-00018; Pierce County – Public Works and Utility Department; Diru Creek Bank Stabilization.

Commenter: Timothy Hagan, Pierce County Surface Water Management.

Summary of Comment. The Commenter requested a new evaluation of the application due to significant differences in Ecology Evaluators' scores on several portions of the application and the perceived failure of one or both Evaluators to fully understand aspects of the proposed project.

Ecology Response. Ecology is committed to providing consistent and knowledgeable evaluations of all applications and to continual improvement of our evaluation processes. All Ecology Evaluators meet in-person at least twice each funding cycle in order to understand the various project proposals and to develop a more consistent evaluation process. In addition, Evaluators frequently communicate with each other during the evaluation process. A process that includes two independent Evaluators reviewing a significant amount of information about complex

projects is often going to result in different scores. Ecology agrees with the Commenter that the difference in scores on portions of the application were significant and not well-explained or documented by the Evaluators.

In response to the comments, Ecology assigned two new independent Evaluators to review the application. The Evaluators did not read the original evaluations. Ecology compared the scores among the four Evaluators. Overall, the differences between the scores of Evaluator 3 and Evaluator 4 were smaller than the differences between the other Evaluators' scores, so Ecology used the new scores to determine the final score. The decision increased the final score for the application from 672.5 to 686.0 total points and the rank from 104 to 101. The new score changed the rank of the three applications previously ranked 101, 102, and 103. The results did not change the funding for any of the applications.

Application; Applicant; Project Title. WQC-2019-CICoPH-00191; Clark County Public Health; Regional Clean Water Loan Program Expansion to Improve Water Quality.

Commenter: Chuck Harman, Program Manager.

Summary of Comment. The Commenter requested a new evaluation of the application due to the perceived failure of one or both Evaluators to fully understand aspects of the proposed project. The Commenter also provided several clarifications and corrections.

Ecology Response. As stated in the response to comments on WQC-2019-PiCoPW-00018, Ecology is committed to providing consistent and knowledgeable evaluations of all applications and to continual improvement of its evaluation processes. Ecology agrees with the Commenter that the original Evaluators misunderstood or were not knowledgeable about some aspects of the proposed project.

In response to the comments, Ecology assigned a new independent Evaluator to the application. The Evaluator did not read the original evaluations. Ecology compared the scores among all three Evaluators. Overall, the differences between the scores of Evaluator 1 and Evaluator 2 were smaller than the differences between either Evaluators' scores and the new Evaluator's scores. Ecology used the original scores to determine the final score. As a result, the rating and ranking of the application did not change.

Application; Applicant; Project Title. WQC-2019-KCoNRP-00040 and WQC-2019-KCoNRP-00170; King County; Joint Ship Canal Water Quality CSO Control and Georgetown Wet Weather Treatment Station (GWWTs).

Commenter: Steve Baruso, Grants Administrator.

Summary of Comment. The Commenter requested to adjust the proposed funding between the two projects to better reflect the proportional share of costs between the applicant and Seattle Public Utilities for the project costs.

Ecology Response. Since both projects rated and ranked similarly, Ecology granted the request to reallocate the funds. Ecology decreased the CWSRF loan for WQC-2019-KCoNRP-00040 from \$20,734,872 to \$13,457,000, and increased the CWSRF loan for WQC-2019-KCoNRP-

00170 from \$4,265,128 to \$11,543,000. The total funding offered to the applicant remained at \$25,000,000, the maximum allowed.

Application; Applicant; Project Title. WQC-2019-EdgeCD-00195; City of Edgewood; Edgewood Closed Depression UIC Pilot Project.

Commenters: Jeremy Metzler, Public Works Director.

Summary of Comment. The Commenter requested Ecology reconsider the proposed SFAP grant for the proposed project.

Ecology Response. Ecology evaluated the information provided in the comment, spoke with the Commenter, and evaluated additional information provided by the Commenter on 04/10/18. Ecology concluded that the SFAP grant proposed in the SFY19 Draft List (\$149,250) is the correct eligible amount. Ecology did not change the funding offer.