



**PUBLIC WORKS COMMITTEE
AGENDA**

**Online via Zoom and In Person at
Tumwater City Hall, Council Conference
Room, 555 Israel Rd. SW, Tumwater, WA
98501**

**Thursday, December 08, 2022
8:00 AM**

1. Call to Order
2. Roll Call
- [3.](#) Corrosion Control Service Provider Agreement Amendment 1 (Carrie Gillum)
- [4.](#) Septic to Sewer Conversion Program Grant Agreement (Dan Smith)
5. Additional Items
6. Adjourn

Meeting Information

All committee members will be attending remotely. The public are welcome to attend in person, by telephone or online via Zoom.

Watch Online

<https://us02web.zoom.us/j/87390806603?pwd=c09YQ3NpZmVVUGMwOXpWWXBFS0R3QT09>

Listen by Telephone

Call (253) 215-8782, listen for the prompts and enter the Webinar ID 873 9080 6603 and Passcode 882785.

Public Comment

The public may submit comments by sending an email to council@ci.tumwater.wa.us, no later than 5:00 p.m. the day before the meeting. Comments are submitted directly to the Committee members and will not be read individually into the record of the meeting.

Post Meeting

Audio of the meeting will be recorded and later available by request, please email CityClerk@ci.tumwater.wa.us

Accommodations

The City of Tumwater takes pride in ensuring that people with disabilities are able to take part in, and benefit from, the range of public programs, services, and activities offered by the City. To request an accommodation or alternate format of communication, please contact the City Clerk by calling (360) 252-5488 or email CityClerk@ci.tumwater.wa.us. For vision or hearing impaired services, please

contact the Washington State Relay Services at 7-1-1 or 1-(800)-833-6384. To contact the City's ADA Coordinator directly, call (360) 754-4128 or email ADACoordinator@ci.tumwater.wa.us.

TO: Public Works Committee
FROM: Carrie Gillum, Water Resources Specialist – Water Resources & Sustainability
DATE: December 8, 2022
SUBJECT: Corrosion Control Service Provider Agreement Amendment 1

1) Recommended Action:

Staff requests the Public Works Committee recommend the City Council approve and authorize the Mayor to sign Amendment 1 for the Corrosion Control Service Provider Agreement extending the contract term to December 31, 2023.

2) Background:

Corrosion control is the process of adjusting the pH of drinking water in the distribution system to protect public health and reduce the potential for lead to leach from system and household piping into the water. In 2021, the City hired HDR to evaluate the City's water quality and corrosion control processes and provide recommendations to optimize the system in response to federal and state regulatory requirements. In summer of 2022, the City also completed its mandatory lead and copper sampling, and has asked HDR to update its report with the study results prior to submittal to the WA Department of Health (DOH) in November 2022. This extension will allow for the City to continue discussion with DOH on the report's findings, and evaluate any DOH-required utility improvements with HDR.

3) Policy Support:

- WAC 246-290: Monitoring Requirements
 - Lead and Copper Rule (LCR): 40 CFR Part 141 Subpart I
-

4) Alternatives:

- ☐ Reject the term extension.
-

5) Fiscal Notes:

The original contract for the Corrosion Control Study is funded to \$87,127.62, funded by the Drinking Water utility. No additional expenses are expected as part of this term extension.

6) Attachments:

- A. Corrosion Control Study Service Provider Agreement Amendment 1

**FIRST AMENDMENT
TO
SERVICE PROVIDER AGREEMENT
FOR
CITY OF TUMWATER CORROSION CONTROL STUDY**

This First Amendment ("Amendment") is dated effective this _____ day of _____, 20____, and is entered into by and between the CITY OF TUMWATER, a Washington municipal corporation ("CITY"), and HDR Engineering, Inc., a Nebraska corporation ("SERVICE PROVIDER").

A. The CITY and the SERVICE PROVIDER entered into a Service Provider Agreement dated effective August 17, 2022, whereby the SERVICE PROVIDER agreed to provide design and permitting services ("Agreement").

B. Section 14 of the Agreement provided that the Agreement may only be amended by written agreement signed by the parties.

C. The CITY and the SERVICE PROVIDER desire to extend the term of the Agreement.

NOW, THEREFORE, the parties agree to the following terms and conditions:

1. TERM.

Section 2 of the Agreement shall be amended to extend the term of the Agreement until December 31, 2023.

****Signatures on the following page****

2. FULL FORCE AND EFFECT.

First Amendment to Service Provider Agreement - Page 1 of 2
Percival Creek Fish Passage Barrier Removal

All other terms and conditions of the Agreement not modified by this Amendment shall remain in full force and effect.

DATED the effective date set forth above.

CITY:
CITY OF TUMWATER
555 Israel Road SW
Tumwater, WA 98501

SERVICE PROVIDER:
HDR Engineering, Inc.
929 108th Avenue NE #1300
Bellevue, WA 98004

John Doan, City Administrator

Signature (Notarized – see below)
Printed Name: _____
Title: _____

APPROVED AS TO FORM:

Karen Kirkpatrick, City Attorney

State of _____)
) ss
County of _____)

I certify that I know or have satisfactory evidence that _____ is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument, on oath stated that (he/she) was authorized to execute the instrument and acknowledged it as the _____ of _____ to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

Dated: _____

(Signature)
Notary Public in and for the State of Washington
My appointment expires _____

TO: Public Works Committee
FROM: Dan Smith, Water Resources and Sustainability Director
DATE: December 8, 2022
SUBJECT: Septic to Sewer Conversion Program Grant Agreement

1) Recommended Action:

Staff requests Public Works Committee recommend the City Council approve and authorize the Mayor to sign the Septic to Sewer Conversion Program Grant Agreement.

2) Background:

The City of Tumwater received a grant from the Washington Department of Ecology to create a more effective septic to sewer conversion program, specifically for high-density septic systems in mobile home communities. This project will consist of a social marketing style campaign with a pilot program at a local mobile home park. As a result of this project, 39 septic systems in the Velkommen Mobile Home Park will be converted to City sewer and will serve as a blueprint for effective septic to sewer conversion projects done in the future on a broader regional scale.

3) Policy Support:

Strategic Priority F – Be a Leader in Environmental Sustainability, specifically

- Work with regional partners to protect groundwater by connecting higher risk septic tanks to LOTT
-

4) Alternatives:

- ☐ Request changes to the proposed grant agreement.
-

5) Fiscal Notes:

Tumwater received a \$500,000 grant from the Department of Ecology's Water Quality Combined Funding Program. The Sanitary Sewer fund will contribute the required 25% match (\$166,667) via Project SS-08 - Sewer Extension Program, funded in the 2022-2027 Capital Facilities Plan.

6) Attachments:

- A. Septic to Sewer Conversion Program Grant Agreement
- B. SS-08 Project Sheet



Agreement WQC-2023-Tumwat-00050

WATER QUALITY COMBINED FINANCIAL ASSISTANCE AGREEMENT

BETWEEN THE STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

AND

CITY OF TUMWATER

This is a binding Agreement entered into by and between the State of Washington, Department of Ecology, hereinafter referred to as "ECOLOGY" and the City of Tumwater, hereinafter referred to as the "RECIPIENT" to carry out with the provided funds, the activities described herein.

GENERAL INFORMATION

Project Title:	City of Tumwater's Septic to Sewer Conversion Program
Total Cost:	\$999,854.78
Total Eligible Cost:	\$666,666.66
Ecology Share:	\$500,000.00
Recipient Share:	\$166,666.66
The Effective Date of this Agreement is:	11/22/2022
The Expiration Date of this Agreement is no later than:	11/21/2025
Project Type:	Onsite Sewage System Activity

Project Short Description: (500 character limit, includes spaces)

The RECIPIENT will create a more effective septic to sewer conversion program specifically for high-density septic systems in mobile home communities. This project consists of a social marketing campaign with a pilot program at a local mobile home park. As a result of this funding, 39 septic systems will be converted to city sewer and a blueprint for how to run an effective septic to sewer program with mobile home parks will be created for broader regional use.

Project Long Description: (4,000 character limit, includes spaces)

In the City of Tumwater, most of the wastewater that goes down the drain or is flushed down the toilet goes into the City's collection system before making its way to downtown Olympia and the LOTT Clean Water Alliance. In 2019, LOTT served 108,000 customers, cleaning 12.5 million gallons per day. While this partnership is valuable for the RECIPIENT to protect local water quality and public health, there are many parcels in Tumwater that are still served by onsite septic systems.

Onsite septic systems, while not inherently problematic, if not properly maintained, can pose risks to public health, surface waters, and groundwater. In areas with high numbers and densities of failing systems, these

Agreement No: WQC-2023-Tumwat-00050
Project Title: City of Tumwater's Septic to Sewer Conversion Program
Recipient Name: City of Tumwater

negative impacts can be compounded. While the negative impacts that septic systems can have has been known for decades, the extreme cost to property owners prohibits higher conversion rates.

The 2015 Urban Septic Assessment Report estimated that there are 989 parcels in Tumwater with septic systems and an additional 1,630 parcels within the Urban Growth Boundary. High density septic systems present a massive water quality hazard, not only to our local drinking water source (the Vashon aquifer), but also to local surface waters, which have fecal coliform TMDLs. Converting from septic to sewer is incredibly costly, in the best case scenario, conversion costs roughly \$10,000 for a single homeowner. Often working with high density septic systems can provide the most good for the dollar as multiple septic systems can be converted with one construction mobilization project. Given the number of high density septic systems found in communities like mobile home parks, the RECIPIENT is partnering with the Velkommen Mobile Home Park (VMHP) on this project.

The VMHP community has 39 properties, all of which are currently on septic systems. Many of the residents in this community are on fixed incomes which makes the potential of converting from septic to sewer a financial impossibility. Due to these factors, the RECIPIENT is partnering with the VMHP to complete the work outlined in this grant. The park and its residents are aware and supportive of the project, having written a letter of support which is attached to this application. This collaborative process will allow the RECIPIENT to build a comprehensive septic to sewer conversion program for mobile home parks.

The social marketing campaign will seek to understand the barrier, benefits, and motivators of all audiences in our pilot program. These audiences include the mobile home owners in the VMHP; the managing group for the VMHP; the RECIPIENT as a sewer system provider, permitting agency, and wastewater utility system; Thurston County Public Health, and LOTT. The plan outlined by the first steps in the social marketing campaign will be implemented as a pilot program.

The RECIPIENT will run the pilot program with the VMHP. This pilot program will use the blueprint create by the social marketing campaign to complete the design and construction needed to convert the 39 high density mobile homes in the park to City sewer. The social marketing campaign will finish at the end of 2025 with a review of the pilot program, updates to the blueprint, and outreach to other regional municipalities sharing the program and encouraging them to use the framework as they build their own programs.

Overall Goal (1,000 character limit, includes spaces)

The goal of this project is to create an effective blue print for working with mobile home park communities to convert high density septic systems to City sewer using a framework similar to social marketing. This project will result in the conversion of 39 septic systems to City sewer. The results of this work will be shared with other regional partners in an effort to improve their work with similar mobile home park communities.

RECIPIENT INFORMATION

Organization Name: City of Tumwater
Mailing Address: 555 Israel Road SW
Tumwater, WA 98501

Physical Address: 555 Israel Road SW
Tumwater, WA 98501

Agreement No: WQC-2023-Tumwat-00050
Project Title: City of Tumwater's Septic to Sewer Conversion Program
Recipient Name: City of Tumwater

Organization Email: WaterResources@ci.tumwater.wa.us

Contacts

Project Manager	Dan Smith Project Manager 555 Israel Road SW Tumwater, WA 98501 Email: desmith@ci.tumwater.wa.us Phone: 360-754-4140
Authorized Signatory	Dan Smith Water Resources & Sustainability Director 555 Israel Road SW Tumwater, WA 98501 Email: desmith@ci.tumwater.wa.us Phone: 360-754-4140
Billing Contact	Christina Choate Accountant 555 Israel Road SW Tumwater, WA 98501 Email: cchoate@ci.tumwater.wa.us Phone: 360-754-4180

Agreement No: WQC-2023-Tumwat-00050
Project Title: City of Tumwater's Septic to Sewer Conversion Program
Recipient Name: City of Tumwater

ECOLOGY INFORMATION

Mailing Address: Department of Ecology
Water Quality
PO BOX 47600
Olympia, WA 98504-7600

Physical Address: Department of Ecology
300 Desmond Drive SE
Lacey, WA 98503

Contacts

Project Manager	Seth Elsen PO Box 74600 Olympia, WA 98504 Email: seth.elsen@ecy.wa.gov Phone: 564-999-1177
Financial Manager	Seth Elsen PO Box 74600 Olympia, WA 98504 Email: seth.elsen@ecy.wa.gov Phone: 564-999-1177

Agreement No: WQC-2023-Tumwat-00050
Project Title: City of Tumwater's Septic to Sewer Conversion Program
Recipient Name: City of Tumwater

AUTHORIZING SIGNATURES

RECIPIENT agrees to furnish the necessary personnel, equipment, materials, services, and otherwise do all things necessary for or incidental to the performance of work as set forth in the Scope of Work.

RECIPIENT agrees to read, understand, and accept all information contained within this entire Agreement. Furthermore, RECIPIENT acknowledges that they have reviewed the terms and conditions of this Agreement, Scope of Work, attachments, all incorporated or referenced documents, as well as all applicable laws, statutes, rules, regulations, and guidelines mentioned in this agreement.

This Agreement contains the entire understanding between the parties, and there are no other understandings or representations other than as set forth, or incorporated by reference, herein.

This Agreement shall be subject to the written approval of Ecology's authorized representative and shall not be binding until so approved.

The signatories to this Agreement represent that they have the authority to execute this Agreement.

Washington State Department of Ecology

City of Tumwater

Vincent McGowen, P.E. Date
Water Quality
Program Manager

Dan Smith Date
Director

Debbie Sullivan Date
Mayor

Agreement No: WQC-2023-Tumwat-00050
 Project Title: City of Tumwater's Septic to Sewer Conversion Program
 Recipient Name: City of Tumwater

SCOPE OF WORK

Task Number: 1

Task Cost: \$5,000.00

Task Title: Grant and Loan Administration (Note to FM/PM: language in this task cannot be changed)

Task Description:

- A. The RECIPIENT shall carry out all work necessary to meet ECOLOGY grant or loan administration requirements. Responsibilities include, but are not limited to: maintenance of project records; submittal of requests for reimbursement and corresponding backup documentation; progress reports; an EAGL (Ecology Administration of Grants and Loans) recipient closeout report; and a two-page Final Report (including photos, if applicable). In the event that the RECIPIENT elects to use a contractor to complete project elements, the RECIPIENT shall retain responsibility for the oversight and management of this funding agreement.
- B. The RECIPIENT shall keep documentation that demonstrates the project is in compliance with applicable procurement, contracting, and interlocal agreement requirements; permitting requirements, including application for, receipt of, and compliance with all required permits, licenses, easements, or property rights necessary for the project; and submittal of required performance items. This documentation shall be made available to ECOLOGY upon request.
- C. The RECIPIENT shall maintain effective communication with ECOLOGY and maintain up-to-date staff contact information in the EAGL system. The RECIPIENT shall carry out this project in accordance with any completion dates outlined in this agreement.

Task Goal Statement:

Properly managed and fully documented project that meets ECOLOGY's grant and loan administrative requirements.

Task Expected Outcome:

- Timely and complete submittal of requests for reimbursement, quarterly progress reports, Recipient Closeout Report, and two-page Outcome Summary Report.
- Properly maintained project documentation.

Grant and Loan Administration Deliverables

Number	Description	Due Date (leave blank)
1.1	Progress Reports that include descriptions of work accomplished, project challenges, and changes in the project schedule. Submitted at least quarterly.	
1.2	Recipient Closeout Report (EAGL Form).	

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 Project Title: City of Tumwater's Septic to Sewer Conversion Program
 Recipient Name: City of Tumwater

SCOPE OF WORK

Task Number: 2

Task Cost: \$ 75,000.00

Task Title: Social Marketing Campaign

Task Description:

- A. The RECIPIENT shall work with a hired consultant (CONSULTANT) to complete a social marketing-style campaign and provide the associated deliverables to ECOLOGY . The RECIPEINT and the hired CONSULTANT will develop the social marketing plan for the program.
- B. Following development of the plan, the RECIPIENT and CONSULTANT will complete an implementation and evaluation plan, which details the chosen campaign strategies, campaign budget, and evaluation methodology.
- C. Upon completion of the pilot program, the RECIPIENT and CONSULTANT will complete an evaluation of the program which will include details in inputs, outputs, outcomes, and cumulative impact. Additionally, the report will detail recommendations for enhancements and replicability moving forward.
- D. The RECIPIENT and CONSULTANT will consider environmental justice, accessibility, and language needs during the outreach process. The ECOLOGY Project Manager can suggest tools and resources to the RECIPIENT that help identify these needs.
- E. The RECIPIENT and CONSULTANT will do a regional search for existing outreach content before producing any new materials. For any outreach materials developed under this agreement, the RECIPIENT and CONSULTANT will submit a draft to the ECOLOGY Project Manager for review and approval prior to production and distribution. Materials will include Ecology funding recognition. The RECIPIENT will upload a final copy of all outreach materials developed as a result of this agreement to EAGL.
- F. The RECIPIENT will identify which communities in the project area have more than five percent or 1,000 people that speak English less than very well. The RECIPIENT will translate meaningful work on education and outreach materials that are produced for the general public in the non-English language(s).

Task Goal Statement:

The goal of this task is to develop, implement, and evaluate a social marketing-style campaign aimed at increasing understanding of the barriers, benefits, and motivators for all parties involved in a high-density septic to sewer program within a mobile home park. These parties including the homeowners, mobile home managing agency, local jurisdiction, permitting entities, and the regional sewer treatment agency. This program will serve as a blueprint which can serve as a replicable model for other jurisdictions.

Task Expected Outcome:

This task will result in a blueprint document outlining the barriers, benefits, and motivators for all of the main participants in a septic to sewer conversion program with a mobile home park. This blueprint will be based off of the VMHP, but will be useful and replicable for the organizations throughout the county.

Recipient Task Coordinator: Meridith Greer

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Project Title: City of Tumwater's Septic to Sewer Conversion Program
Recipient Name: City of Tumwater

Deliverables

Number	Description	Due Date (leave blank)
#2.1	Contract documents. Upload to EAGL and notify ECOLOGY when upload is complete.	
#2.2	Draft social marketing program planning documentation. Submit to the ECOLOGY PM for review and approval. Upload the final version to EAGL prior to program implementation.	
#2.3	Draft social marketing program marketing plan and implementation documentation. Submit to the ECOLOGY PM for review and approval. Upload the final version to EAGL prior to program implementation.	
#2.4	Draft social marketing program evaluation. Submit to the ECOLOGY PM for review and approval. Upload the final version to EAGL.	

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 Project Title: City of Tumwater's Septic to Sewer Conversion Program
 Recipient Name: City of Tumwater

SCOPE OF WORK

Task Number: #3

Task Cost: \$586,666.66

Task Title: Septic to Sewer Conversion Design and Construction

Task Description: (3,500 Character Limit)

- A. The RECIPIENT shall ensure all design and construction items are completed and provide the associated deliverables to ECOLOGY. Funding in this task will be used to provide engineering work, pay for permitting fees, and complete construction on the conversion of 39 septic systems in a high-density area of mostly lower-income Tumwater residents.
- B. The RECIPIENT is responsible for application of, receipt of, and compliance with all required local, state, tribal and federal permits, licenses, easements, or property rights necessary for the project.
- C. The RECIPIENT will complete an Ecology Cultural Resources Review Form and an Inadvertent Discovery Plan (IDP) for the project. The RECIPIENT will not initiate any work on the project site until consultation is completed and a written notice to proceed is received from ECOLOGY.
- D. The RECIPIENT will submit a signed landowner agreement (LOA) for each project site that is consistent with the Fiscal Year 2023 Funding Guidelines.
- E. The RECIPIENT shall ensure the following items are completed and provide the associated deliverables to ECOLOGY. The RECIPIENT must approve all materials prior to submitting them to ECOLOGY for acceptance.
 - a. The RECIPIENT will submit a digital copy of the Final Bid Package to ECOLOGY for review and acceptance prior to advertising the project. The Final Bid Package includes: project design plans, specifications, hydraulic analysis, soils analysis, engineer's opinion of cost including a schedule of eligible costs, and project construction schedule including construction sequencing. Anticipated 15 day review period.
 - b. The RECIPIENT will submit a detailed Construction Quality Assurance Plan (CQAP) to ECOLOGY for review and acceptance before the start of construction. This plan must describe how the RECIPIENT will perform adequate and competent construction oversight. Once accepted by Ecology, upload to EAGL. The RECIPIENT will conduct a pre-construction conference meeting and invite ECOLOGY to attend. Anticipated 15 day review period.
 - c. The RECIPIENT will submit an updated project schedule and cost estimate to ECOLOGY within 30 days of the start of construction. The RECIPIENT will revise and/or update the project schedule whenever major changes occur and at a minimum of every three months. The RECIPIENT will submit the updated schedule to ECOLOGY with the quarterly report. When changes in the construction schedule affect previous cost estimates, the RECIPIENT must submit revised cost estimates to ECOLOGY.
 - d. Prior to execution, the RECIPIENT will submit to ECOLOGY any eligible change orders that deviate from ECOLOGY-accepted plans and specifications. ECOLOGY must review and accept all change orders that affect grant eligible activities prior to implementation. Allow 10 calendar days for ECOLOGY review.
 - e. The RECIPIENT will complete construction of the project in accordance with ECOLOGY-accepted plans and specifications.

Agreement No: WQC-2023-Tumwat-00050
 Project Title: City of Tumwater's Septic to Sewer Conversion Program
 Recipient Name: City of Tumwater

Task Goal Statement: (1,500 Character Limit)

The goal of this project is to convert 39 septic systems to City sewer, helping to reduce effluent inputs to groundwater and further protect and improve water quality in the region.

Task Expected Outcome: (1,500 Character Limit)

39 septic systems will be converted to public sewer, helping to reduce effluent inputs to groundwater and further protect and improve water quality. The construction process will follow the blueprint outlined in Task 2 to help streamline and make the project feasible for all parties involved. The project will be constructed on schedule and in accordance with the ECOLOGY-approved plans and specifications, while adhering to construction best management practices, the Construction Quality Assurance Project Plan, and all other applicable regulations.

Recipient Task Coordinator: Dan Smith

Deliverables

Number	Description	Due Date (leave blank)
#3.1	Signed Landowner Agreement(s). Upload to EAGL and notify ECOLOGY when upload is complete.	
#3.2	Cultural resource review requirements. Submit the Ecology Cultural Resources Review Form and any supplemental cultural resource documentation, including surveys, to the ECOLOGY PM. Upload an Inadvertent Discovery Plan for each site to EAGL, prior to project installation. Do not upload any other cultural resource related documents to EAGL.	
#3.3	Required permitting. Upload documentation to EAGL for each site that shows all permit requirements are met prior to project installation.	
#3.4	Final Bid Package. Upload to EAGL and notify ECOLOGY when upload is complete.	
#3.5	Responses to ECOLOGY Final Bid Package comments. Upload to EAGL and notify ECOLOGY when upload is complete.	
#3.6	ECOLOGY Final Bid Package Acceptance Letter. Upload to EAGL and notify ECOLOGY when upload is complete.	
#3.7	Signed and dated construction contract. Upload to EAGL and notify ECOLOGY when upload is complete.	
#3.8	Construction Quality Assurance Plan. Upload to EAGL and notify ECOLOGY Project Manager upon completion.	
#3.9	Project Schedule. Upload to EAGL and notify ECOLOGY when upload is complete.	
#3.10	Pre-construction conference meeting minutes. Upload to EAGL and notify ECOLOGY when upload is complete.	
#3.11	Revised construction cost estimates when changes in construction schedule occur. Upload to EAGL and notify ECOLOGY when upload is complete.	

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#3.12	Change Order(s). Upload to EAGL and notify ECOLOGY when upload is complete. Upload ECOLOGY acceptance documentation.	
#3.13	Complete Construction Completion Form and upload to EAGL. Notify ECOLOGY when complete.	

Agreement No: WQC-2023-Tumwat-00050
 Project Title: City of Tumwater's Septic to Sewer Conversion Program
 Recipient Name: City of Tumwater

BUDGET SUMMARY

Funding Distribution

Funding Title: Centennial Clean Water Grant

Funding Type: Grant

Funding Effective Date: 10/17/22

Funding Expiration Date: 10/01/25

Funding Source: Centennial

Recipient Match %: 25

InKind Interlocal Allowed:

InKind Other Allowed:

Is this Funding Distribution used to match a federal grant?

Indirect Rate: 0%

Supporting documentation must be uploaded to EAGL.

Rate will be indicated in your agreement.

Scope of Work Budget Summary	Recipient Share	Ecology Share	Task Total
1. Grant and Loan Administration	\$1,250.00	\$3,750.00	\$5,000
2. Social Marketing Campaign	\$18,750.00	\$56,250.00	\$75,000
3. Septic to Sewer Conversion Design and Construction	\$146,666.67	\$440,000.00	\$586,666.66
Total	\$166,666.67	\$500,000.00	\$666,666.66

Funding Distribution Name	Recipient Match	Recipient Share	Ecology Share	Total
Centennial	25%	\$166,666.66	\$500,000.00	\$666,666.66
Total		\$166,666.66	\$500,000.00	\$666,666.66

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Recipient Name: City of Tumwater

TERMS AND CONDITIONS

Note to Recipient: Please read the full Terms and Conditions in The [SFY2023 Funding Guidelines, Appendix F](#). Any questions should be discussed with your Ecology Project Team during negotiation, prior to signature.

AGREEMENT SPECIFIC TERMS AND CONDITIONS

N/A

SPECIAL TERMS AND CONDITIONS

SECTION 1: DEFINITIONS

Section 2 – Conditions for All Water Quality Combined Funding

Section 3 - Conditions for All Section 319 and Centennial Match Funding

Section 4 – Conditions for All Section 319 and CWSRF Funding

Section 5 - Conditions for All CWSRF Funding

General Terms and Conditions for All Ecology Grants and Loans

Appendix F: WQP/Ecology Terms and Conditions

WQP Special Terms and Conditions

SECTION 1: DEFINITIONS

Unless otherwise provided, the following terms will have the respective meanings for all purposes of this agreement:

“Administration Charge” means a charge established in accordance with Chapter 90.50A RCW and Chapter 173-98 WAC, to be used to pay Ecology’s cost to administer the State Revolving Fund by placing a percentage of the interest earned in an Administrative Charge Account.

“Administrative Requirements” means the effective edition of ECOLOGY's Administrative Requirements for Recipients of Ecology Grants and Loans at the signing of this agreement.

“Annual Debt Service” for any calendar year means for any applicable bonds or loans including the loan, all interest plus all principal due on such bonds or loans in such year.

“Average Annual Debt Service” means, at the time of calculation, the sum of the Annual Debt Service for the remaining years of the loan to the last scheduled maturity of the loan divided by the number of those years.

“Acquisition” means the purchase or receipt of a donation of fee or less than fee interests in real property. These interests include, but are not limited to, conservation easements, access/trail easements, covenants, water rights, leases, and mineral rights.

“Centennial Clean Water Program” means the state program funded from various state sources.

“Contract Documents” means the contract between the RECIPIENT and the construction contractor for construction of the project.

“Cost Effective Analysis” means a comparison of the relative cost-efficiencies of two or more potential ways of solving a water quality problem as described in Chapter 173-98-730 WAC.

“Defease” or “Defeasance” means the setting aside in escrow or other special fund or account of sufficient investments and money dedicated to pay all principal of and interest on all or a portion of an obligation as it comes due.

“Effective Date” means the earliest date on which eligible costs may be incurred.

“Effective Interest Rate” means the total interest rate established by Ecology that includes the Administrative Charge.

“Estimated Loan Amount” means the initial amount of funds loaned to the RECIPIENT.

“Estimated Loan Repayment Schedule” means the schedule of loan repayments over the term of the loan based on the Estimated Loan Amount.

“Equivalency” means projects designated by ECOLOGY to meet additional federal requirements.

“Expiration Date” means the latest date on which eligible costs may be incurred.

“Final Accrued Interest” means the interest accrued beginning with the first disbursement of funds to the RECIPIENT through such time as the loan is officially closed out and a final loan repayment schedule is issued.

“Final Loan Amount” means all principal of and interest on the loan from the Project Start Date through the Project Completion Date.

“Final Loan Repayment Schedule” means the schedule of loan repayments over the term of the loan based on the Final Loan Amount.

“Forgivable Principal” means the portion of a loan that is not required to be paid back by the borrower.

“General Obligation Debt” means an obligation of the RECIPIENT secured by annual ad valorem taxes levied by the RECIPIENT and by the full faith, credit, and resources of the RECIPIENT.

“General Obligation Payable from Special Assessments Debt” means an obligation of the RECIPIENT secured by a valid general obligation of the Recipient payable from special assessments to be imposed within the constitutional and statutory tax limitations provided by law without a vote of the electors of the RECIPIENT on all of the taxable property within the boundaries of the RECIPIENT.

“Gross Revenue” means all of the earnings and revenues received by the RECIPIENT from the maintenance and operation of the Utility and all earnings from the investment of money on deposit in the Loan Fund, except (i) Utility Local Improvement Districts (ULID) Assessments, (ii) government grants, (iii) RECIPIENT taxes, (iv) principal proceeds of bonds and other obligations, or (v) earnings or proceeds (A) from any investments in a trust, Defeasance, or escrow fund created to Defeasance or refund Utility obligations or (B) in an obligation redemption fund or account other than the Loan Fund until commingled with other earnings and revenues of the Utility or (C) held in a special account for the purpose of paying a rebate to the United States Government under the Internal Revenue Code.

“Guidelines” means the ECOLOGY's Funding Guidelines that correlate to the State Fiscal Year in which the project is funded.

“Initiation of Operation Date” means the actual date the Water Pollution Control Facility financed with proceeds of the loan begins to operate for its intended purpose.

“Loan” means the Washington State Water Pollution Control Revolving Fund Loan or Centennial

Clean Water Fund (Centennial) Loan made pursuant to this loan agreement.

“Loan Amount” means either an Estimated Loan Amount or a Final Loan Amount, as applicable.

“Loan Fund” means the special fund created by the RECIPIENT for the repayment of the principal of and interest on the loan.

“Loan Security” means the mechanism by which the RECIPIENT pledges to repay the loan.

“Loan Term” means the repayment period of the loan.

“Maintenance and Operation Expense” means all reasonable expenses incurred by the RECIPIENT in causing the Utility to be operated and maintained in good repair, working order, and condition including payments to other parties, but will not include any depreciation or RECIPIENT levied taxes or payments to the RECIPIENT in lieu of taxes.

“Net Revenue” means the Gross Revenue less the Maintenance and Operation Expense.

“Original Engineer’s Estimate” means the engineer’s estimate of construction costs included with bid documents.

“Principal and Interest Account” means, for a loan that constitutes Revenue-Secured Debt, the account created in the loan fund to be first used to repay the principal of and interest on the loan.

“Project” means the project described in this agreement.

“Project Completion Date” means the date specified in the agreement on which the Scope of Work will be fully completed. This term is only used in loan agreements.

“Project Schedule” means that schedule for the project specified in the agreement.

“Revenue-Secured Debt” means an obligation of the RECIPIENT secured by a pledge of the revenue of a utility and one not a general obligation of the RECIPIENT.

“Reserve Account” means, for a loan that constitutes a Revenue Secured Debt and if specifically identified as a term and condition of the funding agreement, the account of that name created in the loan fund to secure the payment of the principal of and interest on the loan.

“Risk-Based Determination” means an approach to sub-recipient monitoring and oversight based on risk factors associated to a RECIPIENT or project.

“Scope of Work” means the tasks and activities constituting the project.

“Section 319” means the section of the Clean Water Act that provides funding to address nonpoint sources of water pollution.

“Senior Lien Obligations” means all revenue bonds and other obligations of the RECIPIENT outstanding on the date of execution of this loan agreement (or subsequently issued on a parity therewith, including refunding obligations) or issued after the date of execution of this loan agreement having a claim or lien on the Gross Revenue of the Utility prior and superior to the claim or lien of the loan, subject only to Maintenance and Operation Expense.

“State Water Pollution Control Revolving Fund (Revolving Fund)” means the water pollution control revolving fund established by Chapter 90.50A.020 RCW.

“Termination Date” means the effective date of ECOLOGY’s termination of the agreement.

“Termination Payment Date” means the date on which the RECIPIENT is required to repay to ECOLOGY any outstanding balance of the loan and all accrued interest.

“Total Eligible Project Cost” means the sum of all costs associated with a water quality project that have been determined to be eligible for ECOLOGY grant or loan funding, including any required recipient match.

“Total Project Cost” means the sum of all costs associated with a water quality project, including costs that are not eligible for ECOLOGY grant or loan funding.

“ULID” means any utility local improvement district of the RECIPIENT created for the acquisition or construction of additions to and extensions and betterments of the Utility.

“ULID Assessments” means all assessments levied and collected in any ULID. Such assessments are pledged to be paid into the Loan Fund (less any prepaid assessments permitted by law to be paid into a construction fund or account). ULID Assessments will include principal installments and any interest or penalties which may be due.

“Utility” means the sewer system, stormwater system, or the combined water and sewer system of the RECIPIENT, the Net Revenue of which is pledged to pay and secure the loan.

SECTION 2: THE FOLLOWING CONDITIONS APPLY TO ALL RECIPIENTS OF WATER QUALITY COMBINED FINANCIAL ASSISTANCE FUNDING.

The Water Quality Financial Assistance Funding Guidelines are included in this agreement by reference and are available on ECOLOGY’s Water Quality Program website.

A. Architectural and Engineering Services: The RECIPIENT certifies by signing this agreement that the requirements of Chapter 39.80 RCW, “Contracts for Architectural and Engineering Services,” have been, or shall be, met in procuring qualified architectural/engineering services. The RECIPIENT shall identify and separate eligible and ineligible costs in the final architectural/engineering services contract and submit a copy of the contract to ECOLOGY.

B. Acquisition: The following provisions shall be in force only if the project described in this agreement is an acquisition project:

a. Evidence of Land Value and Title. The RECIPIENT shall submit documentation of the cost of the property rights and the type of ownership interest that has been acquired.

b. Legal Description of Real Property Rights Acquired. The legal description of the real property rights purchased with funding assistance provided through this agreement (and protected by a recorded conveyance of rights to the State of Washington) shall be incorporated into the agreement before final payment.

c. Conveyance of Rights to the State of Washington. Upon purchase of real property rights (both fee simple and lesser interests), the RECIPIENT shall execute the document necessary to convey certain rights and responsibilities to ECOLOGY, on behalf of the State of Washington. The documents required will depend on the project type, the real property rights being acquired, and whether or not those rights are being acquired in perpetuity (see options below). The RECIPIENT shall use language provided by ECOLOGY, to record the executed document in the County where the real property lies, and to provide a copy of the recorded document to ECOLOGY.

Documentation Options:

1. Deed of Right. The Deed of Right conveys to the people of the state of Washington the right to preserve, protect, and/or use the property for public purposes consistent with the fund source. RECIPIENTS shall use this document when acquiring real property rights that include the underlying land. This document may also be applicable for those easements where the RECIPIENT has acquired a perpetual easement for public purposes. The RECIPIENT must obtain ECOLOGY approval on the draft language prior to executing the deed of right.

2. Assignment of Rights. The Assignment of Rights document transfers certain rights such as access and enforcement to ECOLOGY. The RECIPIENT shall use this document when an easement or lease is being acquired for water quality and habitat conservation. The Assignment of Rights requires the signature of the underlying landowner and must be incorporated by reference in the easement document.

3. Easements and Leases. The RECIPIENT may incorporate required language from the Deed of Right or Assignment of Rights directly into the easement or lease document, thereby eliminating the requirement for a separate document. Language will depend on the situation; therefore, the RECIPIENT must obtain ECOLOGY approval on the draft language prior to executing the easement or lease.

d. Real Property Acquisition and Relocation Assistance.

1. Federal Acquisition Policies. See Section 4 of this agreement for requirements specific to Section 319 and SRF funded projects.

2. State Acquisition Policies. When state funds are part of this agreement, the RECIPIENT agrees to comply with the terms and conditions of the Uniform Relocation Assistance

and Real Property Acquisition Policy of the State of Washington, Chapter 8.26 RCW, and Chapter 468-100 WAC.

3. Housing and Relocation. In the event that housing and relocation costs, as required by federal law set out in subsection (1) above and/or state law set out in subsection (2) above, are involved in the execution of this project, the RECIPIENT agrees to provide any housing and relocation assistance required.

e. Hazardous Substances.

1. Certification. The RECIPIENT shall inspect, investigate, and conduct an environmental audit of the proposed acquisition site for the presence of hazardous substances, as defined in RCW 70.105D.020(10), and certify:

- i. No hazardous substances were found on the site, or
- ii. Any hazardous substances found have been treated and/or disposed of in compliance with applicable state and federal laws, and the site is deemed “clean.”

2. Responsibility. Nothing in this provision alters the RECIPIENT's duties and liabilities regarding hazardous substances as set forth in RCW 70.105D.

3. Hold Harmless. The RECIPIENT will defend, protect and hold harmless ECOLOGY and any and all of its employees and/or agents, from and against any and all liability, cost (including but not limited to all costs of defense and attorneys' fees) and any and all loss of any nature from any and all claims or suits resulting from the presence of, or the release or threatened release of, hazardous substances on the property the RECIPIENT is acquiring.

f. Restriction On Conversion Of Real Property And/Or Facilities To Other Uses

The RECIPIENT shall not at any time convert any real property (including any interest therein) or facility acquired, developed, maintained, renovated, and/or restored pursuant to this agreement to uses other than those purposes for which funds were approved without prior approval of ECOLOGY. For acquisition projects that are term limited, such as one involving a lease or a term-limited restoration, renovation or development project or easement, this restriction on conversion shall apply only for the length of the term, unless otherwise provided in written documents or required by applicable state or federal law. In such case, the restriction applies to such projects for the length of the term specified by the lease, easement, deed, or landowner agreement.

C. Best Management Practices (BMP) Implementation: If the RECIPIENT installs BMPs that are not approved by ECOLOGY prior to installation, the RECIPIENT assumes the risk that part or all of the reimbursement for that activity may be delayed or ineligible. For more details regarding BMP Implementation, please reference the Water Quality Financial Assistance Funding Guidelines available on ECOLOGY's Water Quality Program funding website.

D. Electronic Fund Transfers: Payment will be issued through Washington State’s Office of Financial Management’s Statewide Payee Desk. To receive payment you must register as a statewide vendor by submitting a statewide vendor registration form and an IRS W-9 form at website, <https://ofm.wa.gov/it-systems/statewide-vendorpayee-services>. If you have questions about the vendor registration process or electronic fund transfers, you can contact Statewide Payee Help Desk at (360) 407-8180 or email PayeeRegistration@ofm.wa.gov.

E. Equipment Purchase: Equipment purchases over \$5,000 and not included in the scope of work or the Ecology approved construction plans and specifications, must be pre-approved by ECOLOGY’s project manager before purchase. All equipment purchases over \$5,000 and not included in a contract for work being completed on the funded project, must also be reported on the Equipment Purchase Report in EAGL.

F. Funding Recognition: The RECIPIENT must inform the public about ECOLOGY or any EPA (see Section 3.B for Section 319 funded or Section 5.E for SRF funded projects) funding participation in this project through the use of project signs, acknowledgement in published materials, reports, the news media, websites, or other public announcements. Projects addressing site-specific locations must utilize appropriately sized and weather-resistant signs. Sign logos are available from ECOLOGY’s Financial Manager upon request.

G. Growth Management Planning: The RECIPIENT certifies by signing this agreement that it is in compliance with the requirements of Chapter 36.70A RCW, “Growth Management Planning by Selected Counties and Cities.” If the status of compliance changes, either through RECIPIENT or legislative action, the RECIPIENT shall notify ECOLOGY in writing of this change within 30 days.

H. Interlocal: The RECIPIENT certifies by signing this agreement that all negotiated interlocal agreements necessary for the project are, or shall be, consistent with the terms of this agreement and Chapter 39.34 RCW, “Interlocal Cooperation Act.” The RECIPIENT shall submit a copy of each interlocal agreement necessary for the project to ECOLOGY upon request.

I. Lobbying and Litigation: Costs incurred for the purposes of lobbying or litigation are not eligible for funding under this agreement.

J. Post Project Assessment Survey: The RECIPIENT agrees to participate in a brief survey regarding the key project results or water quality project outcomes and the status of long-term environmental results or goals from the project approximately three years after project completion. A representative from ECOLOGY’s Water Quality Program may contact the RECIPIENT to request this data. ECOLOGY may also conduct site interviews and inspections, and may otherwise evaluate the project, as part of this assessment.

K. Project Status Evaluation: ECOLOGY may evaluate the status at any time. ECOLOGY’s Project Manager and Financial Manager will meet with the RECIPIENT to review spending trends, completion of outcome measures, and overall project administration and performance. If the RECIPIENT fails to make satisfactory progress toward achieving project outcomes, ECOLOGY may change the scope of work, reduce grant funds, or increase oversight measures.

L. Technical Assistance: Technical assistance for agriculture activities provided under the terms of this agreement shall be consistent with the current U.S. Natural Resource Conservation Service (“NRCS”) Field Office Technical Guide for Washington State and specific requirements outlined in the Water Quality Funding Guidelines. Technical assistance, proposed practices, or project designs that do not meet these standards may be eligible if approved in writing by ECOLOGY.

SECTION 3: THE FOLLOWING CONDITIONS APPLY TO SECTION 319 AND CENTENNIAL CLEAN WATER FUNDED PROJECTS BEING USED TO MATCH SECTION 319 FUNDS.

The RECIPIENT must submit the following documents to ECOLOGY before this agreement is signed by ECOLOGY:

1. Federal Funding Accountability and Transparency Act (FFATA) Form, available on the Water Quality Program website. (This form is used for Section 319 funds only)

2. “Section 319 Initial Data Reporting” form in EAGL.

A. Data Reporting: The RECIPIENT must complete the “Section 319 Initial Data Reporting” form in EAGL before this agreement can be signed by Ecology. This form is used to gather general information about the project for EPA.

B. Funding Recognition and Outreach: In addition to Section 2.F. of these Special Terms and Conditions, the RECIPIENT shall provide signage that informs the public that the project is funded by EPA. The signage shall contain the EPA logo and follow usage requirements available at <http://www2.epa.gov/stylebook/using-epa-seal-and-logo>. To obtain the appropriate EPA logo or seal graphic file, the RECIPIENT may send a request to their Ecology Financial Manager.

To increase public awareness of projects serving communities where English is not the predominant language, RECIPIENTS are encouraged to provide their outreach strategies communication in non-English languages. Translation costs for this purpose are allowable, provided the costs are reasonable. (Applies to both the Section 319 funded projects and the Centennial match projects)

The RECIPIENT shall use the following paragraph in all reports, documents, and signage developed under this agreement: (Applies to Section 319 funded projects only)

“This project has been funded wholly or in part by the United States Environmental Protection Agency under an assistance agreement to the Washington State Department of Ecology. The contents of this document do not necessarily reflect the views and policies of the Environmental Protection Agency, nor does the mention of trade names or commercial products constitute endorsement or recommendation for use.”

C. Load Reduction Reporting: The RECIPIENT shall complete the “Section 319 Annual Load

Reduction Reporting” form in EAGL by January 15 of each year and at project close-out. ECOLOGY may hold reimbursements until the RECIPIENT has completed the form. This form is used to gather information on best management practices (BMPs) installed and associated pollutant load reductions that were funded as a part of this project.

D. Time Extension: The RECIPIENT may request a one-time extension for up to 12 months. However, the time extension cannot exceed the time limitation established in EPA’s assistance agreement. In the event a time extension is requested and approved by ECOLOGY, the RECIPIENT must complete all eligible work performed under this agreement by the expiration date. (For Section 319 funded projects only)

SECTION 4: THE FOLLOWING CONDITIONS APPLY TO SECTION 319 AND STATE REVOLVING FUND (SRF) LOAN FUNDED PROJECTS ONLY.

A. Accounting Standards: The RECIPIENT shall maintain accurate records and accounts for the project (PROJECT Records) 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 standards in Chapter 43.09.200 RCW “Local Government Accounting – Uniform System of Accounting.”

B. Acquisitions: Section 319 and SRF Equivalency project RECIPIENTS shall comply with the terms and conditions of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, 84 Stat. 1894 (1970)--Public Law 91-646, as amended by the Surface Transportation and Uniform Relocation Assistance Act, PL 100-17-1987, and applicable regulations and procedures of the federal agency implementing that Act.

C. Audit Requirements: In accordance with 2 CFR 200.501(a), the RECIPIENT agrees to obtain a single audit from an independent auditor, if their organization expends \$750,000 or more in total Federal funds in their fiscal year. The RECIPIENT must submit the form SF-SAC and a Single Audit Report Package within 9 months of the end of the fiscal year or 30 days after receiving the report from an independent auditor. The SF-SAC and a Single Audit Report Package MUST be submitted using the Federal Audit Clearinghouse’s Internet Data Entry System available at: <https://facweb.census.gov/>.

D. Archaeological Resources and Historic Properties (Section 106): The RECIPIENT shall comply with the additional requirements under section 106 of the National Historic Preservation Act (NHPA, 36 CFR 800).

E. Data Universal Numbering System (DUNS) and Central Contractor Registration (CCR) Requirements: RECIPIENTS shall have a DUNS number. Unless exempted from this requirement under 2 CFR 25.110, the RECIPIENT must ensure that their organization’s information in the System for Award Management (SAM), <https://www.sam.gov>, is kept current through project closeout. This requires that the RECIPIENT reviews and updates the information at least annually after the initial registration, and more frequently if information changes.

F. Disadvantaged Business Enterprise (DBE): General Compliance, 40 CFR, Part 33. The RECIPIENT agrees to comply with the requirements of the Environmental Protection Agency's Program for Utilization of Small, Minority, and Women's Business Enterprises (MBE/WBE) 40CFR, Part 33 in procurement under this agreement.

Six Good Faith Efforts, 40 CFR, Part 33, Subpart C. The RECIPIENT agrees to make the following good faith efforts whenever procuring construction, equipment, services, and supplies under this agreement. Records documenting compliance with the following six good faith efforts shall be retained:

- 1) Ensure Disadvantaged Business Enterprises are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local and Government RECIPIENTS, this shall include placing Disadvantaged Business Enterprises on solicitation lists and soliciting them whenever they are potential sources.
- 2) Make information on forthcoming opportunities available to Disadvantaged Business Enterprises and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by Disadvantaged Business Enterprises in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of thirty (30) calendar days before the bid or proposal closing date.
- 3) Consider, in the contracting process, whether firms competing for large contracts could subcontract with Disadvantaged Business Enterprises. For Indian Tribal, State, and Local Government RECIPIENTS, this shall include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by Disadvantaged Business Enterprises in the competitive process.
- 4) Encourage contracting with a consortium of Disadvantaged Business Enterprises when a contract is too large for one of these firms to handle individually.
- 5) Use services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
- 6) If the prime contractor awards subcontracts, require the prime contractor to take the five good faith efforts steps in paragraphs 1 through 5 above.

The RECIPIENT agrees to submit ECOLOGY's Contractor Participation Report Form D with each payment request.

Contract Administration Provisions, 40 CFR, Section 33.302. The RECIPIENT agrees to comply with the contract administration provisions of 40 CFR, Section 33.302.

Non-discrimination Provision. The RECIPIENT shall not discriminate on the basis of race, color, national origin or sex in the performance of this agreement. The RECIPIENT shall carry out

applicable requirements of 40 CFR Part 33 in the award and administration of contracts awarded under EPA financial assistance agreements. Failure by the RECIPIENT to carry out these requirements is a material breach of this agreement which may result in the termination of this contract or other legally available remedies.

This does not preclude the RECIPIENT from enacting broader nondiscrimination protections.

The RECIPIENT shall comply with all federal and state nondiscrimination laws, including but not limited to, Title VI and VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and Chapter 49.60 RCW, Washington's Law Against Discrimination, and 42 U.S.C. 12101 et seq, the Americans with Disabilities Act (ADA).

In the event of the RECIPIENT's noncompliance or refusal to comply with any applicable nondiscrimination law, regulation, or policy, this agreement may be rescinded, canceled, or terminated in whole or in part and the RECIPIENT may be declared ineligible for further funding from ECOLOGY. The RECIPIENT shall, however, be given a reasonable time in which to cure this noncompliance.

The RECIPIENT shall include the following terms and conditions in contracts with all contractors, subcontractors, engineers, vendors, and any other entity for work or services pertaining to this agreement.

"The Contractor will not discriminate on the basis of race, color, national origin or sex in the performance of this Contract. The Contractor will carry out applicable requirements of 40 CFR Part 33 in the award and administration of contracts awarded under Environmental Protection Agency financial agreements. Failure by the Contractor to carry out these requirements is a material breach of this Contract which may result in termination of this Contract or other legally available remedies."

Bidder List, 40 CFR, Section 33.501(b) and (c). The RECIPIENT agrees to create and maintain a bidders list. The bidders list shall include the following information for all firms that bid or quote on prime contracts, or bid or quote subcontracts, including both MBE/WBEs and non-MBE/WBEs.

1. Entity's name with point of contact
2. Entity's mailing address, telephone number, and e-mail address
3. The procurement on which the entity bid or quoted, and when
4. Entity's status as an MBE/WBE or non-MBE/WBE

G. Electronic and information Technology (EIT) Accessibility: RECIPIENTS shall ensure that loan funds provided under this agreement for costs in the development or purchase of EIT systems or products provide individuals with disabilities reasonable accommodations and an equal and

effective opportunity to benefit from or participate in a program, including those offered through electronic and information technology as per Section 504 of the Rehabilitation Act, codified in 40 CFR Part 7. Systems or products funded under this agreement must be designed to meet the diverse needs of users without barriers or diminished function or quality. Systems shall include usability features or functions that accommodate the needs of persons with disabilities, including those who use assistive technology.

H. Hotel-Motel Fire Safety Act: The RECIPIENT shall ensure that all space for conferences, meetings, conventions or training seminars funded in whole or in part with federal funds complies with the protection and control guidelines of the Hotel and Motel Fire Safety Act (15 USC 2225a, PL 101-391, as amended). Recipients may search the Hotel-Motel National Master List at <http://www.usfa.dhs.gov/applications/hotel/> to see if a property is in compliance, or to find other information about the Act. Pursuant to 15 USC 2225a.

I. Trafficking In Persons: The RECIPIENT and RECIPIENT employees that are private entities shall not engage in forms of trafficking in persons during the period of time this agreement is effective. This includes, but is not limited to, the procurement of a commercial sex act or forced labor. The RECIPIENT shall notify ECOLOGY immediately of any information received from any source alleging a violation under this provision.

SECTION 5: THE FOLLOWING CONDITIONS APPLY TO STATE REVOLVING FUND (SRF) LOAN FUNDED PROJECTS ONLY.

The RECIPIENT must submit the following documents/forms to ECOLOGY before this agreement is signed by ECOLOGY:

1. Financial Capability Assessment Documentation
2. Opinion of RECIPIENT's Legal Council
3. Authorizing Ordinance or Resolution
4. Federal Funding Accountability and Transparency Act (FFATA) Form (Required for SRF Equivalency projects only)
5. CWSRF Federal Reporting Information form available in EAGL
6. Fiscal Sustainability Plan (Asset Management) Certification Form in EAGL (Only required if the project includes construction of a wastewater or stormwater facility construction)
7. Cost and Effectiveness Analysis Certification Form in EAGL (Required for all projects receiving SRF Loan funding)
8. State Environmental Review Process (SERP) Documentation (Required for facility projects only)

A. Alteration and Eligibility of Project: During the term of this agreement, the RECIPIENT (1)

shall not materially alter the design or structural character of the project without the prior written approval of ECOLOGY and (2) shall take no action which would adversely affect the eligibility of the project as defined by applicable funding program rules and state statutes, or which would cause a violation of any covenant, condition, or provision herein.

B. American Iron and Steel (Buy American): This loan provision applies to projects for the construction, alteration, maintenance, or repair of a “treatment works” as defined in the Federal Water Pollution Control Act (33 USC 1381 et seq.) The RECIPIENT shall ensure that all iron and steel products used in the project are produced in the United States. Iron and Steel products means the following products made primarily of iron or steel: lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, and construction materials. The RECIPIENT may request waiver from this requirement from the Administrator of the Environmental Protection Agency. The RECIPIENT must coordinate all waiver requests through ECOLOGY. This provision does not apply if the engineering plans and specifications for the project were approved by ECOLOGY prior to January 17, 2014. ECOLOGY reserves the right to request documentation of RECIPIENT’S compliance with this provision.

C. Authority of RECIPIENT: This agreement is authorized by the Constitution and laws of the state of Washington, including the RECIPIENT’S authority, and by the RECIPIENT pursuant to the authorizing ordinance or resolution. The RECIPIENT shall submit a copy of the authorizing ordinance or resolution to the ECOLOGY Financial Manager before this agreement shall be signed by ECOLOGY.

D. Equivalency Projects: (For designated equivalency projects only)

1. The RECIPIENT must procure architectural and engineering services in accordance with the federal requirements in Chapter 11 of Title 40, U.S.C. (see www.gpo.gov/fdsys/pkg/USCODE-2011-title40/pdf/USCODE-2011-title40-subtitle1-chap11.pdf).

E. Fiscal Sustainability Plan Certification: The RECIPIENT shall submit a completed Fiscal Sustainability Plan Certification before this agreement is signed by ECOLOGY. The Fiscal Sustainability Plan Certification is available from the ECOLOGY Financial Manager or on the Water Quality Program website.

F. Funding Recognition and Outreach: In addition to Section 2.F of these Terms and Conditions, the RECIPIENT agrees to comply with the EPA SRF Signage Guidance in order to enhance public awareness of EPA assistance agreements nationwide. The signage guidance can be found at: <https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Water-Quality-grants-and-loans/Facility-project-resources>.

G. Insurance: The RECIPIENT shall at all times carry fire and extended insurance coverage, public liability, and property damage, and such other forms of insurance with responsible insurers and policies payable to the RECIPIENT on such of the buildings, equipment, works,

plants, facilities, and properties of the Utility as are ordinarily carried by municipal or privately-owned utilities engaged in the operation of like systems, and against such claims for damages as are ordinarily carried by municipal or privately-owned utilities engaged in the operation of like systems, or it shall self-insure or participate in an insurance pool or pools with reserves adequate, in the reasonable judgment of the RECIPIENT, to protect it against loss.

H. Litigation Authority: No litigation is now pending, or to the RECIPIENT's knowledge, threatened, seeking to restrain, or enjoin:

(i) the execution of this agreement; or

(ii) the fixing or collection of the revenues, rates, and charges or the formation of the ULID and the levy and collection of ULID Assessments therein pledged to pay the principal of and interest on the loan (for revenue secured lien obligations); or

(iii) the levy and collection of the taxes pledged to pay the principal of and interest on the loan (for general obligation-secured loans and general obligation payable from special-assessment-secured loans); or

(iv) in any manner questioning the proceedings and authority under which the agreement, the loan, or the project are authorized. Neither the corporate existence, or boundaries of the RECIPIENT nor the title of its present officers to their respective offices is being contested. No authority or proceeding for the execution of this agreement has been repealed, revoked, or rescinded.

I. Loan Interest Rate and Terms: This loan agreement shall remain in effect until the date of final repayment of the loan, unless terminated earlier according to the provisions herein.

When the Project Completion Date has occurred, ECOLOGY and the RECIPIENT shall execute an amendment to this loan agreement which details the final loan amount (Final Loan Amount), and ECOLOGY shall prepare a final loan repayment schedule. The Final Loan Amount shall be the combined total of actual disbursements made on the loan and all accrued interest to the computation date.

The Estimated Loan Amount and the Final Loan Amount (in either case, as applicable, a "Loan Amount") shall bear interest based on the interest rate identified in this agreement as the "Effective Interest Rate," per annum, calculated on the basis of a 365 day year. Interest on the Estimated Loan Amount shall accrue from and be compounded monthly based on the date that each payment is mailed to the RECIPIENT. The Final Loan Amount shall be repaid in equal installments, semiannually, over the term of this loan "Loan Term" as outlined in this agreement.

J. Loan Repayment:

Sources of Loan Repayment

1. Nature of RECIPIENT's Obligation. The obligation of the RECIPIENT to repay the loan from the sources identified below and to perform and observe all other agreements and obligations on its part, contained herein, shall be absolute and unconditional, and shall not be subject to diminution by setoff, counterclaim, or abatement of any kind. To secure the repayment of the loan from ECOLOGY, the RECIPIENT agrees to comply with all of the covenants, agreements, and attachments contained herein.

2. For General Obligation. This loan is a General Obligation Debt of the RECIPIENT.

3. For General Obligation Payable from Special Assessments. This loan is a General Obligation Debt of the RECIPIENT payable from special assessments to be imposed within the constitutional and statutory tax limitations provided by law without a vote of the electors of the RECIPIENT on all of the taxable property within the boundaries of the RECIPIENT.

4. For Revenue-Secured: Lien Position. This loan is a Revenue-Secured Debt of the RECIPIENT's Utility. This loan shall constitute a lien and charge upon the Net Revenue junior and subordinate to the lien and charge upon such Net Revenue of any Senior Lien Obligations.

In addition, if this loan is also secured by Utility Local Improvement Districts (ULID) Assessments, this loan shall constitute a lien upon ULID Assessments in the ULID prior and superior to any other charges whatsoever.

5. Other Sources of Repayment. The RECIPIENT may repay any portion of the loan from any funds legally available to it.

6. Defeasance of the Loan. So long as ECOLOGY shall hold this loan, the RECIPIENT shall not be entitled to, and shall not affect, an economic Defeasance of the loan. The RECIPIENT shall not advance refund the loan.

If the RECIPIENT defeases or advance refunds the loan, it shall be required to use the proceeds thereof immediately upon their receipt, together with other available RECIPIENT funds, to repay both of the following:

(i) The Loan Amount with interest

(ii) Any other obligations of the RECIPIENT to ECOLOGY under this agreement, unless in its sole discretion ECOLOGY finds that repayment from those additional sources would not be in the public interest.

Failure to repay the Loan Amount plus interest within the time specified in ECOLOGY's notice to make such repayment shall incur Late Charges and shall be treated as a Loan Default.

7. Refinancing or Early Repayment of the Project. So long as ECOLOGY shall hold this

loan, the RECIPIENT shall give ECOLOGY thirty days written notice if the RECIPIENT intends to refinance or make early repayment of the loan.

Method and Conditions on Repayments

1. Semiannual Payments. Notwithstanding any other provision of this agreement, the first semiannual payment of principal and interest on this loan shall be due and payable no later than one year after the project completion date or initiation of operation date, whichever comes first.

Thereafter, equal payments shall be due every six months.

If the due date for any semiannual payment falls on a Saturday, Sunday, or designated holiday for Washington State agencies, the payment shall be due on the next business day for Washington State agencies.

Payments shall be mailed to:

Department of Ecology
Cashiering Unit
P.O. Box 47611
Olympia WA 98504-7611

In lieu of mailing payments, electronic fund transfers can be arranged by working with ECOLOGY's Financial Manager.

No change to the amount of the semiannual principal and interest payments shall be made without a mutually signed amendment to this agreement. The RECIPIENT shall continue to make semiannual payments based on this agreement until the amendment is effective, at which time the RECIPIENT's payments shall be made pursuant to the amended agreement.

2. Late Charges. If any amount of the Final Loan Amount or any other amount owed to ECOLOGY pursuant to this agreement remains unpaid after it becomes due and payable, ECOLOGY may assess a late charge. The late charge shall be one percent per month on the past due amount starting on the date the debt becomes past due and until it is paid in full.

3. Repayment Limitations. Repayment of the loan is subject to the following additional limitations, among others: those on defeasance, refinancing and advance refunding, termination, and default and recovery of payments.

4. Prepayment of Loan. So long as ECOLOGY shall hold this loan, the RECIPIENT may prepay the entire unpaid principal balance of and accrued interest on the loan or any portion of the remaining unpaid principal balance of the Loan Amount. Any prepayments on the loan shall be applied first to any accrued interest due and then to the outstanding principal balance of the Loan Amount. If the RECIPIENT elects to

prepay the entire remaining unpaid balance and accrued interest, the RECIPIENT shall first contact ECOLOGY's Revenue/Receivable Manager of the Fiscal Office.

K. Loan Security

Due Regard: For loans secured with a Revenue Obligation: The RECIPIENT shall exercise due regard for Maintenance and Operation Expense and the debt service requirements of the Senior Lien Obligations and any other outstanding obligations pledging the Gross Revenue of the Utility, and it has not obligated itself to set aside and pay into the loan Fund a greater amount of the Gross Revenue of the Utility than, in its judgment, shall be available over and above such Maintenance and Operation Expense and those debt service requirements.

Where collecting adequate gross utility revenue requires connecting additional users, the RECIPIENT shall require the sewer system connections necessary to meet debt obligations and expected operation and maintenance expenses.

Levy and Collection of Taxes (if used to secure the repayment of the loan): For so long as the loan is outstanding, the RECIPIENT irrevocably pledges to include in its budget and levy taxes annually within the constitutional and statutory tax limitations provided by law without a vote of its electors on all of the taxable property within the boundaries of the RECIPIENT in an amount sufficient, together with other money legally available and to be used therefore, to pay when due the principal of and interest on the loan, and the full faith, credit and resources of the RECIPIENT are pledged irrevocably for the annual levy and collection of those taxes and the prompt payment of that principal and interest.

Not an Excess Indebtedness: For loans secured with a general obligation pledge or a general obligation pledge on special assessments: The RECIPIENT agrees that this agreement and the loan to be made do not create an indebtedness of the RECIPIENT in excess of any constitutional or statutory limitations.

Pledge of Net Revenue and ULID Assessments in the ULID (if used to secure the repayment of this loan): For so long as the loan is outstanding, the RECIPIENT irrevocably pledges the Net Revenue of the Utility, including applicable ULID Assessments in the ULID, to pay when due the principal of and interest on the loan.

Utility Local Improvement District (ULID) Assessment Collection (if used to secure the repayment of the loan): All ULID Assessments in the ULID shall be paid into the Loan Fund and used to pay the principal of and interest on the loan.

L. Maintenance and Operation of a Funded Utility: The RECIPIENT shall, at all times, maintain and keep the funded Utility in good repair, working order, and condition.

M. Opinion of RECIPIENT's Legal Counsel: The RECIPIENT must submit an "Opinion of Legal Counsel to the RECIPIENT" to ECOLOGY before this agreement will be signed. ECOLOGY will provide the form.

N. Prevailing Wage (Davis-Bacon Act): The RECIPIENT agrees, by signing this agreement, to comply with the Davis-Bacon Act prevailing wage requirements. This applies to the construction, alteration, and repair of treatment works carried out, in whole or in part, with assistance made available by the State Revolving Fund as authorized by Section 513, title VI of the Federal Water Pollution Control Act (33 U.S.C. 1372). Laborers and mechanics employed by contractors and subcontractors shall be paid wages not less often than once a week and at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor.

The RECIPIENT shall obtain the wage determination for the area in which the project is located prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation). These wage determinations shall be incorporated into solicitations and any subsequent contracts. The RECIPIENT shall ensure that the required EPA contract language regarding Davis-Bacon Wages is in all contracts and sub contracts in excess of \$2,000. The RECIPIENT shall maintain records sufficient to document compliance with the Davis-Bacon Act, and make such records available for review upon request.

The RECIPIENT also agrees, by signing this agreement, to comply with State Prevailing Wages on Public Works, Chapter 39.12 RCW, as applicable. Compliance may include the determination whether the project involves “public work” and inclusion of the applicable prevailing wage rates in the bid specifications and contracts. The RECIPIENT agrees to maintain records sufficient to evidence compliance with Chapter 39.12 RCW, and make such records available for review upon request.

O. Progress Reports: RECIPIENTS funded with State Revolving Fund Loan or Forgivable Principal shall include the following verification statement in the “General Comments” text box of each progress report.

“We verify that we are in compliance with all the requirements as outlined in our funding agreement(s) with the Department of Ecology. This includes but is not limited to:

- The Davis-Bacon Act, 29 CFR (If applicable)
- Washington State Prevailing Wage Rate, Chapter 39.12 RCW (Pertaining to all recipients)
- The Disadvantaged Business Enterprise (DBE), 40 CFR, Part 33”

P. Representations and Warranties: The RECIPIENT represents and warrants to ECOLOGY as follows:

Application: Material Information. All information and materials submitted by the RECIPIENT to ECOLOGY in connection with its loan application were, when made, and are, as of the date the RECIPIENT signs this agreement, true and correct. There is no material adverse information relating to the RECIPIENT, the project, the loan, or this agreement known to the RECIPIENT, which has not been disclosed in writing to ECOLOGY.

Existence; Authority. It is a duly formed and legally existing municipal corporation or political subdivision of the state of Washington or a federally recognized Indian Tribe. It has full corporate power and authority to execute, deliver, and perform all of its obligations under this agreement and to undertake the project identified herein.

Certification. Each payment request shall constitute a certification by the RECIPIENT to the effect that all representations and warranties made in this loan agreement remain true as of the date of the request and that no adverse developments, affecting the financial condition of the RECIPIENT or its ability to complete the project or to repay the principal of or interest on the loan, have occurred since the date of this loan agreement. Any changes in the RECIPIENT's financial condition shall be disclosed in writing to ECOLOGY by the RECIPIENT in its request for payment.

Q. Sale or Disposition of Funded Utility: The RECIPIENT shall not sell, transfer, or otherwise dispose of any of the works, plant, properties, facilities, or other part of the funded Utility or any real or personal property comprising a part of the funded Utility unless:

1. The facilities or property transferred are not material to the operation of the funded Utility, or have become unserviceable, inadequate, obsolete, or unfit to be used in the operation of the funded Utility or are no longer necessary, material, or useful to the operation of the funded Utility; or
2. The aggregate depreciated cost value of the facilities or property being transferred in any fiscal year comprises no more than three percent of the total assets of the funded Utility; or
3. The RECIPIENT receives from the transferee an amount equal to an amount which will be in the same proportion to the net amount of Senior Lien Obligations and this LOAN then outstanding (defined as the total amount outstanding less the amount of cash and investments in the bond and loan funds securing such debt) as the Gross Revenue of the funded Utility from the portion of the funded Utility sold or disposed of for the preceding year bears to the total Gross Revenue for that period.
4. Expressed written agreement by the ECOLOGY.

The proceeds of any transfer under this paragraph must be used (1) to redeem promptly, or irrevocably set aside for the redemption of, Senior Lien Obligations and to redeem promptly the loan, and (2) to provide for part of the cost of additions to and betterments and extensions of the Utility.

R. Sewer-Use Ordinance or Resolution for Funded Wastewater Facility Projects: If not already in existence, the RECIPIENT shall adopt and shall enforce a sewer-use ordinance or resolution. Such ordinance or resolution shall be submitted to ECOLOGY upon request.

The sewer use ordinance must include provisions to:

- 1) Prohibit the introduction of toxic or hazardous wastes into the RECIPIENT's sewer system.

2) Prohibit inflow of stormwater into separated sewer systems.

3) Require that new sewers and connections be properly designed and constructed.

S. Termination and Default:

Termination and Default Events

1. For Insufficient ECOLOGY or RECIPIENT Funds. ECOLOGY may terminate this loan agreement for insufficient ECOLOGY or RECIPIENT funds.
2. For Failure to Commence Work. ECOLOGY may terminate this loan agreement for failure of the RECIPIENT to commence project work.
3. Past Due Payments. The RECIPIENT shall be in default of its obligations under this loan agreement when any loan repayment becomes 60 days past due.
4. Other Cause. The obligation of ECOLOGY to the RECIPIENT is contingent upon satisfactory performance in full by the RECIPIENT of all of its obligations under this loan agreement. The RECIPIENT shall be in default of its obligations under this loan agreement if, in the opinion of ECOLOGY, the RECIPIENT has unjustifiably failed to perform any obligation required of it by this loan agreement.

Procedures for Termination. If this loan agreement is terminated prior to project completion, ECOLOGY shall provide to the RECIPIENT a written notice of termination at least five working days prior to the effective date of termination (the "Termination Date"). The written notice of termination by the ECOLOGY shall specify the Termination Date and, when applicable, the date by which the RECIPIENT must repay any outstanding balance of the loan and all accrued interest (the "Termination Payment Date").

Termination and Default Remedies

No Further Payments. On and after the Termination Date, or in the event of a default event, ECOLOGY may, at its sole discretion, withdraw the loan and make no further payments under this agreement.

Repayment Demand. In response to an ECOLOGY initiated termination event, or in response to a loan default event, ECOLOGY may at its sole discretion demand that the RECIPIENT repay the outstanding balance of the Loan Amount and all accrued interest.

Interest after Repayment Demand. From the time that ECOLOGY demands repayment of funds, amounts owed by the RECIPIENT to ECOLOGY shall accrue additional interest at the rate of one percent per month, or fraction thereof.

Accelerate Repayments. In the event of a default, ECOLOGY may, in its sole discretion, declare the principal of and interest on the loan immediately due and payable, subject to the prior lien and charge of any outstanding Senior Lien Obligation upon the Net Revenue.

That is, the loan is not subject to acceleration so long as any Senior Lien Obligations are outstanding. Repayments not made immediately upon such acceleration will incur Late Charges.

Late Charges. All amounts due to ECOLOGY and not paid by the RECIPIENT by the Termination Payment Date or after acceleration following a default event, as applicable, shall incur late charges.

Intercept State Funds. In the event of a default event and in accordance with Chapter 90.50A.060 RCW, "Defaults," any state funds otherwise due to the RECIPIENT may, at ECOLOGY's sole discretion, be withheld and applied to the repayment of the loan.

Property to ECOLOGY. In the event of a default event and at the option of ECOLOGY, any personal property (equipment) acquired under this agreement may, in ECOLOGY's sole discretion, become ECOLOGY's property. In that circumstance, ECOLOGY shall reduce the RECIPIENT's liability to repay money by an amount reflecting the fair value of such property.

Documents and Materials. If this agreement is terminated, all finished or unfinished documents, data studies, surveys, drawings, maps, models, photographs, and reports or other materials prepared by the RECIPIENT shall, at the option of ECOLOGY, become ECOLOGY property. The RECIPIENT shall be entitled to receive just and equitable compensation for any satisfactory work completed on such documents and other materials.

Collection and Enforcement Actions. In the event of a default event, the state of Washington reserves the right to take any actions it deems necessary to collect the amounts due, or to become due, or to enforce the performance and observance of any obligation by the RECIPIENT, under this agreement.

Fees and Expenses. In any action to enforce the provisions of this agreement, reasonable fees and expenses of attorneys and other reasonable expenses (including, without limitation, the reasonably allocated costs of legal staff) shall be awarded to the prevailing party as that term is defined in Chapter 4.84.330 RCW.

Damages. Notwithstanding ECOLOGY's exercise of any or all of the termination or default remedies provided in this agreement, the RECIPIENT shall not be relieved of any liability to ECOLOGY for damages sustained by ECOLOGY and/or the state of Washington because of any breach of this agreement by the RECIPIENT. ECOLOGY may withhold payments for the purpose of setoff until such time as the exact amount of damages due ECOLOGY from the RECIPIENT is determined.

T. User-Charge System for Funded Utilities: The RECIPIENT certifies that it has the legal authority to establish and implement a user-charge system and shall adopt a system of user-charges to assure that each user of the funded utility shall pay its proportionate share of the cost of operation and maintenance, including replacement during the design life of the project. The user-charge system will include provisions for a connection charge.

In addition, the RECIPIENT shall regularly evaluate the user-charge system, at least annually, to ensure the system provides adequate revenues necessary to operate and maintain the funded utility, to establish reserves to pay for replacement, and to repay the loan.

Ecology General Terms and Conditions (06/24/2021 Version)

1. ADMINISTRATIVE REQUIREMENTS

a) RECIPIENT shall follow the "Administrative Requirements for Recipients of Ecology Grants and Loans – EAGL Edition."

(<https://apps.ecology.wa.gov/publications/SummaryPages/1701004.html>)

b) RECIPIENT shall complete all activities funded by this Agreement and be fully responsible for the proper management of all funds and resources made available under this Agreement.

c) RECIPIENT agrees to take complete responsibility for all actions taken under this Agreement, including ensuring all subgrantees and contractors comply with the terms and conditions of this Agreement. ECOLOGY reserves the right to request proof of compliance by subgrantees and contractors.

d) RECIPIENT's activities under this Agreement shall be subject to the review and approval by ECOLOGY for the extent and character of all work and services.

2. AMENDMENTS AND MODIFICATIONS

This Agreement may be altered, amended, or waived only by a written amendment executed by both parties. No subsequent modification(s) or amendment(s) of this Agreement will be of any force or effect unless in writing and signed by authorized representatives of both parties. ECOLOGY and the RECIPIENT may change their respective staff contacts and administrative information without the concurrence of either party.

3. ACCESSIBILITY REQUIREMENTS FOR COVERED TECHNOLOGY

The RECIPIENT must comply with the Washington State Office of the Chief Information Officer, OCIO Policy no. 188, Accessibility (<https://ocio.wa.gov/policy/accessibility>) as it relates to "covered technology." This requirement applies to all products supplied under the Agreement, providing equal access to information technology by individuals with disabilities, including and not limited to web sites/pages, web-based applications, software systems, video and audio content, and electronic documents intended for publishing on Ecology's public web site.

4. ARCHAEOLOGICAL AND CULTURAL RESOURCES

RECIPIENT shall take all reasonable action to avoid, minimize, or mitigate adverse effects to archaeological and historic archaeological sites, historic buildings/structures, traditional cultural places, sacred sites, or other cultural resources, hereby referred to as Cultural Resources.

The RECIPIENT must agree to hold harmless ECOLOGY in relation to any claim related to Cultural Resources discovered, disturbed, or damaged due to the RECIPIENT's project funded under this Agreement.

RECIPIENT shall:

a) Contact the ECOLOGY Program issuing the grant or loan to discuss any Cultural Resources requirements for their project:

- Cultural Resource Consultation and Review should be initiated early in the project planning process and must be completed prior to expenditure of Agreement funds as required by applicable State and Federal requirements.

* For state funded construction, demolition, or land acquisitions, comply with Governor Executive Order 21-02, Archaeological and Cultural Resources.

- For projects with any federal involvement, comply with the National Historic Preservation Act of 1966 (Section 106).

b) If required by the ECOLOGY Program, submit an Inadvertent Discovery Plan (IDP) to ECOLOGY prior to implementing any project that involves field activities. ECOLOGY will provide the IDP form.

RECIPIENT shall:

- Keep the IDP at the project site.
- Make the IDP readily available to anyone working at the project site.
- Discuss the IDP with staff, volunteers, and contractors working at the project site.
- Implement the IDP when Cultural Resources or human remains are found at the project site.

c) If any Cultural Resources are found while conducting work under this Agreement, follow the protocol outlined in the project IDP.

- Immediately stop work and notify the ECOLOGY Program, who will notify the Department of Archaeology and Historic Preservation at (360) 586-3065, any affected Tribe, and the local government.

d) If any human remains are found while conducting work under this Agreement, follow the protocol outlined in the project IDP.

- Immediately stop work and notify the local Law Enforcement Agency or Medical Examiner/Coroner's Office, the Department of Archaeology and Historic Preservation at (360) 790-1633, and then the ECOLOGY Program.

e) Comply with RCW 27.53, RCW 27.44, and RCW 68.50.645, and all other applicable local, state, and federal laws protecting Cultural Resources and human remains.

5. ASSIGNMENT

No right or claim of the RECIPIENT arising under this Agreement shall be transferred or assigned by the RECIPIENT.

6. COMMUNICATION

RECIPIENT shall make every effort to maintain effective communications with the RECIPIENT's designees, ECOLOGY, all affected local, state, or federal jurisdictions, and any interested individuals or groups.

7. COMPENSATION

a) Any work performed prior to effective date of this Agreement will be at the sole expense and risk of the RECIPIENT. ECOLOGY must sign the Agreement before any payment requests can be submitted.

b) Payments will be made on a reimbursable basis for approved and completed work as specified in this Agreement.

c) RECIPIENT is responsible to determine if costs are eligible. Any questions regarding eligibility should be clarified with ECOLOGY prior to incurring costs. Costs that are conditionally eligible require approval by ECOLOGY prior to expenditure.

d) RECIPIENT shall not invoice more than once per month unless agreed on by ECOLOGY.

e) ECOLOGY will not process payment requests without the proper reimbursement forms, Progress Report and supporting documentation. ECOLOGY will provide instructions for submitting payment requests.

f) ECOLOGY will pay the RECIPIENT thirty (30) days after receipt of a properly completed request for payment.

g) RECIPIENT will receive payment through Washington State's Office of Financial Management's Statewide Payee Desk. To receive payment you must register as a statewide vendor by submitting a statewide vendor registration form and an IRS W-9 form at website, <https://ofm.wa.gov/it-systems/statewide-vendorpayee-services>. If you have questions about the vendor registration process, you can contact Statewide Payee Help Desk at (360) 407-8180 or email PayeeRegistration@ofm.wa.gov.

h) ECOLOGY may, at its sole discretion, withhold payments claimed by the RECIPIENT if the RECIPIENT fails to satisfactorily comply with any term or condition of this Agreement.

i) Monies withheld by ECOLOGY may be paid to the RECIPIENT when the work described herein, or a portion thereof, has been completed if, at ECOLOGY's sole discretion, such

payment is reasonable and approved according to this Agreement, as appropriate, or upon completion of an audit as specified herein.

j) RECIPIENT must submit within thirty (30) days after the expiration date of this Agreement, all financial, performance, and other reports required by this Agreement. Failure to comply may result in delayed reimbursement.

8. COMPLIANCE WITH ALL LAWS

RECIPIENT agrees to comply fully with all applicable federal, state and local laws, orders, regulations, and permits related to this Agreement, including but not limited to:

- a) RECIPIENT agrees to comply with all applicable laws, regulations, and policies of the United States and the State of Washington which affect wages and job safety.
- b) RECIPIENT agrees to be bound by all applicable federal and state laws, regulations, and policies against discrimination.
- c) RECIPIENT certifies full compliance with all applicable state industrial insurance requirements.
- d) RECIPIENT agrees to secure and provide assurance to ECOLOGY that all the necessary approvals and permits required by authorities having jurisdiction over the project are obtained. RECIPIENT must include time in their project timeline for the permit and approval processes.

ECOLOGY shall have the right to immediately terminate for cause this Agreement as provided herein if the RECIPIENT fails to comply with above requirements.

If any provision of this Agreement violates any statute or rule of law of the state of Washington, it is considered modified to conform to that statute or rule of law.

9. CONFLICT OF INTEREST

RECIPIENT and ECOLOGY agree that any officer, member, agent, or employee, who exercises any function or responsibility in the review, approval, or carrying out of this Agreement, shall not have any personal or financial interest, direct or indirect, nor affect the interest of any corporation, partnership, or association in which he/she is a part, in this Agreement or the proceeds thereof.

10. CONTRACTING FOR GOODS AND SERVICES

RECIPIENT may contract to buy goods or services related to its performance under this Agreement. RECIPIENT shall award all contracts for construction, purchase of goods, equipment, services, and professional architectural and engineering services through a competitive process, if required by State law. RECIPIENT is required to follow procurement procedures that ensure legal, fair, and open competition.

RECIPIENT must have a standard procurement process or follow current state procurement procedures. RECIPIENT may be required to provide written certification that they have followed their standard procurement procedures and applicable state law in awarding contracts under this Agreement.

ECOLOGY reserves the right to inspect and request copies of all procurement documentation, and review procurement practices related to this Agreement. Any costs incurred as a result of procurement practices not in compliance with state procurement law or the RECIPIENT's normal procedures may be disallowed at ECOLOGY's sole discretion.

11. DISPUTES

When there is a dispute with regard to the extent and character of the work, or any other matter related to this Agreement the determination of ECOLOGY will govern, although the RECIPIENT shall have the right to appeal decisions as provided for below:

- a) RECIPIENT notifies the funding program of an appeal request.
- b) Appeal request must be in writing and state the disputed issue(s).
- c) RECIPIENT has the opportunity to be heard and offer evidence in support of its appeal.
- d) ECOLOGY reviews the RECIPIENT's appeal.
- e) ECOLOGY sends a written answer within ten (10) business days, unless more time is needed, after concluding the review.

The decision of ECOLOGY from an appeal will be final and conclusive, unless within thirty (30) days from the date of such decision, the RECIPIENT furnishes to the Director of ECOLOGY a written appeal. The decision of the Director or duly authorized representative will be final and conclusive.

The parties agree that this dispute process will precede any action in a judicial or quasi-judicial tribunal.

Appeals of the Director's decision will be brought in the Superior Court of Thurston County. Review of the Director's decision will not be taken to Environmental and Land Use Hearings Office.

Pending final decision of a dispute, the RECIPIENT agrees to proceed diligently with the performance of this Agreement and in accordance with the decision rendered.

Nothing in this Agreement will be construed to limit the parties' choice of another mutually acceptable method, in addition to the dispute resolution procedure outlined above.

12. ENVIRONMENTAL DATA STANDARDS

- a) RECIPIENT shall prepare a Quality Assurance Project Plan (QAPP) for a project that

collects or uses environmental measurement data. RECIPIENTS unsure about whether a QAPP is required for their project shall contact the ECOLOGY Program issuing the grant or loan. If a QAPP is required, the RECIPIENT shall:

- Use ECOLOGY's QAPP Template/Checklist provided by the ECOLOGY, unless ECOLOGY Quality Assurance (QA) officer or the Program QA coordinator instructs otherwise.
- Follow ECOLOGY's Guidelines for Preparing Quality Assurance Project Plans for Environmental Studies, July 2004 (Ecology Publication No. 04-03-030).
- Submit the QAPP to ECOLOGY for review and approval before the start of the work.

b) RECIPIENT shall submit environmental data that was collected on a project to ECOLOGY using the Environmental Information Management system (EIM), unless the ECOLOGY Program instructs otherwise. The RECIPIENT must confirm with ECOLOGY that complete and correct data was successfully loaded into EIM, find instructions at: <http://www.ecy.wa.gov/eim>.

c) RECIPIENT shall follow ECOLOGY's data standards when Geographic Information System (GIS) data is collected and processed. Guidelines for Creating and Accessing GIS Data are available at: <https://ecology.wa.gov/Research-Data/Data-resources/Geographic-Information-Systems-GIS/Standards>. RECIPIENT, when requested by ECOLOGY, shall provide copies to ECOLOGY of all final GIS data layers, imagery, related tables, raw data collection files, map products, and all metadata and project documentation.

13. GOVERNING LAW

This Agreement will be governed by the laws of the State of Washington, and the venue of any action brought hereunder will be in the Superior Court of Thurston County.

14. INDEMNIFICATION

ECOLOGY will in no way be held responsible for payment of salaries, consultant's fees, and other costs related to the project described herein, except as provided in the Scope of Work.

To the extent that the Constitution and laws of the State of Washington permit, each party will indemnify and hold the other harmless from and against any liability for any or all injuries to persons or property arising from the negligent act or omission of that party or that party's agents or employees arising out of this Agreement.

15. INDEPENDENT STATUS

The employees, volunteers, or agents of each party who are engaged in the performance of this Agreement will continue to be employees, volunteers, or agents of that party and will not for any purpose be employees, volunteers, or agents of the other party.

16. KICKBACKS

RECIPIENT is prohibited from inducing by any means any person employed or otherwise involved in this Agreement to give up any part of the compensation to which he/she is otherwise entitled to or receive any fee, commission, or gift in return for award of a subcontract hereunder.

17. MINORITY AND WOMEN'S BUSINESS ENTERPRISES (MWBE)

RECIPIENT is encouraged to solicit and recruit, to the extent possible, certified minority-owned (MBE) and women-owned (WBE) businesses in purchases and contracts initiated under this Agreement.

Contract awards or rejections cannot be made based on MWBE participation; however, the RECIPIENT is encouraged to take the following actions, when possible, in any procurement under this Agreement:

- a) Include qualified minority and women's businesses on solicitation lists whenever they are potential sources of goods or services.
- b) Divide the total requirements, when economically feasible, into smaller tasks or quantities, to permit maximum participation by qualified minority and women's businesses.
- c) Establish delivery schedules, where work requirements permit, which will encourage participation of qualified minority and women's businesses.
- d) Use the services and assistance of the Washington State Office of Minority and Women's Business Enterprises (OMWBE) (866-208-1064) and the Office of Minority Business Enterprises of the U.S. Department of Commerce, as appropriate.

18. ORDER OF PRECEDENCE

In the event of inconsistency in this Agreement, unless otherwise provided herein, the inconsistency shall be resolved by giving precedence in the following order: (a) applicable federal and state statutes and regulations; (b) The Agreement; (c) Scope of Work; (d) Special Terms and Conditions; (e) Any provisions or terms incorporated herein by reference, including the "Administrative Requirements for Recipients of Ecology Grants and Loans"; (f) Ecology Funding Program Guidelines; and (g) General Terms and Conditions.

19. PRESENTATION AND PROMOTIONAL MATERIALS

ECOLOGY reserves the right to approve RECIPIENT's communication documents and materials related to the fulfillment of this Agreement:

- a) If requested, RECIPIENT shall provide a draft copy to ECOLOGY for review and approval ten (10) business days prior to production and distribution.
- b) RECIPIENT shall include time for ECOLOGY's review and approval process in their project

timeline.

c) If requested, RECIPIENT shall provide ECOLOGY two (2) final copies and an electronic copy of any tangible products developed.

Copies include any printed materials, and all tangible products developed such as brochures, manuals, pamphlets, videos, audio tapes, CDs, curriculum, posters, media announcements, or gadgets with a message, such as a refrigerator magnet, and any online communications, such as web pages, blogs, and twitter campaigns. If it is not practical to provide a copy, then the RECIPIENT shall provide a description (photographs, drawings, printouts, etc.) that best represents the item.

Any communications intended for public distribution that uses ECOLOGY's logo shall comply with ECOLOGY's graphic requirements and any additional requirements specified in this Agreement. Before the use of ECOLOGY's logo contact ECOLOGY for guidelines.

RECIPIENT shall acknowledge in the communications that funding was provided by ECOLOGY.

20. PROGRESS REPORTING

a) RECIPIENT must satisfactorily demonstrate the timely use of funds by submitting payment requests and progress reports to ECOLOGY. ECOLOGY reserves the right to amend or terminate this Agreement if the RECIPIENT does not document timely use of funds.

b) RECIPIENT must submit a progress report with each payment request. Payment requests will not be processed without a progress report. ECOLOGY will define the elements and frequency of progress reports.

c) RECIPIENT shall use ECOLOGY's provided progress report format.

d) Quarterly progress reports will cover the periods from January 1 through March 31, April 1 through June 30, July 1 through September 30, and October 1 through December 31. Reports shall be submitted within thirty (30) days after the end of the quarter being reported.

e) RECIPIENT must submit within thirty (30) days of the expiration date of the project, unless an extension has been approved by ECOLOGY, all financial, performance, and other reports required by the Agreement and funding program guidelines. RECIPIENT shall use the ECOLOGY provided closeout report format.

21. PROPERTY RIGHTS

a) Copyrights and Patents. When the RECIPIENT creates any copyrightable materials or invents any patentable property under this Agreement, the RECIPIENT may copyright or patent the same but ECOLOGY retains a royalty free, nonexclusive, and irrevocable license to reproduce, publish, recover, or otherwise use the material(s) or property, and to authorize others to use the same for federal, state, or local government purposes.

b) Publications. When the RECIPIENT or persons employed by the RECIPIENT use or publish ECOLOGY information; present papers, lectures, or seminars involving information supplied by ECOLOGY; or use logos, reports, maps, or other data in printed reports, signs, brochures, pamphlets, etc., appropriate credit shall be given to ECOLOGY.

c) Presentation and Promotional Materials. ECOLOGY shall have the right to use or reproduce any printed or graphic materials produced in fulfillment of this Agreement, in any manner ECOLOGY deems appropriate. ECOLOGY shall acknowledge the RECIPIENT as the sole copyright owner in every use or reproduction of the materials.

d) Tangible Property Rights. ECOLOGY's current edition of "Administrative Requirements for Recipients of Ecology Grants and Loans," shall control the use and disposition of all real and personal property purchased wholly or in part with funds furnished by ECOLOGY in the absence of state and federal statutes, regulations, or policies to the contrary, or upon specific instructions with respect thereto in this Agreement.

e) Personal Property Furnished by ECOLOGY. When ECOLOGY provides personal property directly to the RECIPIENT for use in performance of the project, it shall be returned to ECOLOGY prior to final payment by ECOLOGY. If said property is lost, stolen, or damaged while in the RECIPIENT's possession, then ECOLOGY shall be reimbursed in cash or by setoff by the RECIPIENT for the fair market value of such property.

f) Acquisition Projects. The following provisions shall apply if the project covered by this Agreement includes funds for the acquisition of land or facilities:

1. RECIPIENT shall establish that the cost is fair value and reasonable prior to disbursement of funds provided for in this Agreement.
2. RECIPIENT shall provide satisfactory evidence of title or ability to acquire title for each parcel prior to disbursement of funds provided by this Agreement. Such evidence may include title insurance policies, Torrens certificates, or abstracts, and attorney's opinions establishing that the land is free from any impediment, lien, or claim which would impair the uses intended by this Agreement.

g) Conversions. Regardless of the Agreement expiration date, the RECIPIENT shall not at any time convert any equipment, property, or facility acquired or developed under this Agreement to uses other than those for which assistance was originally approved without prior written approval of ECOLOGY. Such approval may be conditioned upon payment to ECOLOGY of that portion of the proceeds of the sale, lease, or other conversion or encumbrance which monies granted pursuant to this Agreement bear to the total acquisition, purchase, or construction costs of such property.

22. RECORDS, AUDITS, AND INSPECTIONS

RECIPIENT shall maintain complete program and financial records relating to this Agreement, including any engineering documentation and field inspection reports of all construction work

accomplished.

All records shall:

- a) Be kept in a manner which provides an audit trail for all expenditures.
- b) Be kept in a common file to facilitate audits and inspections.
- c) Clearly indicate total receipts and expenditures related to this Agreement.
- d) Be open for audit or inspection by ECOLOGY, or by any duly authorized audit representative of the State of Washington, for a period of at least three (3) years after the final grant payment or loan repayment, or any dispute resolution hereunder.

RECIPIENT shall provide clarification and make necessary adjustments if any audits or inspections identify discrepancies in the records.

ECOLOGY reserves the right to audit, or have a designated third party audit, applicable records to ensure that the state has been properly invoiced. Any remedies and penalties allowed by law to recover monies determined owed will be enforced. Repetitive instances of incorrect invoicing or inadequate records may be considered cause for termination.

All work performed under this Agreement and any property and equipment purchased shall be made available to ECOLOGY and to any authorized state, federal or local representative for inspection at any time during the course of this Agreement and for at least three (3) years following grant or loan termination or dispute resolution hereunder.

RECIPIENT shall provide right of access to ECOLOGY, or any other authorized representative, at all reasonable times, in order to monitor and evaluate performance, compliance, and any other conditions under this Agreement.

23. RECOVERY OF FUNDS

The right of the RECIPIENT to retain monies received as reimbursement payments is contingent upon satisfactory performance of this Agreement and completion of the work described in the Scope of Work.

All payments to the RECIPIENT are subject to approval and audit by ECOLOGY, and any unauthorized expenditure(s) or unallowable cost charged to this Agreement shall be refunded to ECOLOGY by the RECIPIENT.

RECIPIENT shall refund to ECOLOGY the full amount of any erroneous payment or overpayment under this Agreement.

RECIPIENT shall refund by check payable to ECOLOGY the amount of any such reduction of payments or repayments within thirty (30) days of a written notice. Interest will accrue at the rate of twelve percent (12%) per year from the time ECOLOGY demands repayment of funds.

Any property acquired under this Agreement, at the option of ECOLOGY, may become ECOLOGY's property and the RECIPIENT's liability to repay monies will be reduced by an amount reflecting the fair value of such property.

24. SEVERABILITY

If any provision of this Agreement or any provision of any document incorporated by reference shall be held invalid, such invalidity shall not affect the other provisions of this Agreement which can be given effect without the invalid provision, and to this end the provisions of this Agreement are declared to be severable.

25. STATE ENVIRONMENTAL POLICY ACT (SEPA)

RECIPIENT must demonstrate to ECOLOGY's satisfaction that compliance with the requirements of the State Environmental Policy Act (Chapter 43.21C RCW and Chapter 197-11 WAC) have been or will be met. Any reimbursements are subject to this provision.

26. SUSPENSION

When in the best interest of ECOLOGY, ECOLOGY may at any time, and without cause, suspend this Agreement or any portion thereof for a temporary period by written notice from ECOLOGY to the RECIPIENT. RECIPIENT shall resume performance on the next business day following the suspension period unless another day is specified by ECOLOGY.

27. SUSTAINABLE PRACTICES

In order to sustain Washington's natural resources and ecosystems, the RECIPIENT is fully encouraged to implement sustainable practices and to purchase environmentally preferable products under this Agreement.

a) Sustainable practices may include such activities as: use of clean energy, use of double-sided printing, hosting low impact meetings, and setting up recycling and composting programs.

b) Purchasing may include such items as: sustainably produced products and services, EPEAT registered computers and imaging equipment, independently certified green cleaning products, remanufactured toner cartridges, products with reduced packaging, office products that are refillable, rechargeable, and recyclable, 100% post-consumer recycled paper, and toxic free products. For more suggestions visit ECOLOGY's web page, Green Purchasing, <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Sustainable-purchasing>.

28. TERMINATION

a) For Cause

ECOLOGY may terminate for cause this Agreement with a seven (7) calendar days prior written notification to the RECIPIENT, at the sole discretion of ECOLOGY, for failing to

perform an Agreement requirement or for a material breach of any term or condition. If this Agreement is so terminated, the parties shall be liable only for performance rendered or costs incurred in accordance with the terms of this Agreement prior to the effective date of termination.

Failure to Commence Work. ECOLOGY reserves the right to terminate this Agreement if RECIPIENT fails to commence work on the project funded within four (4) months after the effective date of this Agreement, or by any date mutually agreed upon in writing for commencement of work, or the time period defined within the Scope of Work.

Non-Performance. The obligation of ECOLOGY to the RECIPIENT is contingent upon satisfactory performance by the RECIPIENT of all of its obligations under this Agreement. In the event the RECIPIENT unjustifiably fails, in the opinion of ECOLOGY, to perform any obligation required of it by this Agreement, ECOLOGY may refuse to pay any further funds, terminate in whole or in part this Agreement, and exercise any other rights under this Agreement.

Despite the above, the RECIPIENT shall not be relieved of any liability to ECOLOGY for damages sustained by ECOLOGY and the State of Washington because of any breach of this Agreement by the RECIPIENT. ECOLOGY may withhold payments for the purpose of setoff until such time as the exact amount of damages due ECOLOGY from the RECIPIENT is determined.

b) For Convenience

ECOLOGY may terminate for convenience this Agreement, in whole or in part, for any reason when it is the best interest of ECOLOGY, with a thirty (30) calendar days prior written notification to the RECIPIENT, except as noted below. If this Agreement is so terminated, the parties shall be liable only for performance rendered or costs incurred in accordance with the terms of this Agreement prior to the effective date of termination.

Non-Allocation of Funds. ECOLOGY's ability to make payments is contingent on availability of funding. In the event funding from state, federal or other sources is withdrawn, reduced, or limited in any way after the effective date and prior to the completion or expiration date of this Agreement, ECOLOGY, at its sole discretion, may elect to terminate the Agreement, in whole or part, or renegotiate the Agreement, subject to new funding limitations or conditions. ECOLOGY may also elect to suspend performance of the Agreement until ECOLOGY determines the funding insufficiency is resolved. ECOLOGY may exercise any of these options with no notification or restrictions, although ECOLOGY will make a reasonable attempt to provide notice.

In the event of termination or suspension, ECOLOGY will reimburse eligible costs incurred by the RECIPIENT through the effective date of termination or suspension. Reimbursed costs must be agreed to by ECOLOGY and the RECIPIENT. In no event shall ECOLOGY's

reimbursement exceed ECOLOGY's total responsibility under the Agreement and any amendments.

If payments have been discontinued by ECOLOGY due to unavailable funds, the RECIPIENT shall not be obligated to repay monies which had been paid to the RECIPIENT prior to such termination.

RECIPIENT's obligation to continue or complete the work described in this Agreement shall be contingent upon availability of funds by the RECIPIENT's governing body.

c) By Mutual Agreement

ECOLOGY and the RECIPIENT may terminate this Agreement, in whole or in part, at any time, by mutual written agreement.

d) In Event of Termination

All finished or unfinished documents, data studies, surveys, drawings, maps, models, photographs, reports or other materials prepared by the RECIPIENT under this Agreement, at the option of ECOLOGY, will become property of ECOLOGY and the RECIPIENT shall be entitled to receive just and equitable compensation for any satisfactory work completed on such documents and other materials.

Nothing contained herein shall preclude ECOLOGY from demanding repayment of all funds paid to the RECIPIENT in accordance with Recovery of Funds, identified herein.

29. THIRD PARTY BENEFICIARY

RECIPIENT shall ensure that in all subcontracts entered into by the RECIPIENT pursuant to this Agreement, the state of Washington is named as an express third party beneficiary of such subcontracts with full rights as such.

30. WAIVER

Waiver of a default or breach of any provision of this Agreement is not a waiver of any subsequent default or breach, and will not be construed as a modification of the terms of this Agreement unless stated as such in writing by the authorized representative of ECOLOGY.

FINANCIAL PLAN FOR THE SANITARY SEWER FUND

Interfund Loan (2022) to Golf:
\$200k --> \$700k
Repayment over 4 years

NEW
NEW
NEW
NEW

PROJECT	EXPENSES	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YRS	GRAND TOTAL
Capital Projects:										
1	Annual Sewer Infrastructure Replacement Program	\$ 2,873,500	\$ 55,000	\$ 790,500	\$ 67,500	\$ 892,500	\$ 72,500	\$ 995,500	\$ -	\$ 2,873,500
2	Oversizing Program	\$ 330,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ -	\$ 330,000
3	Regional Pump Station	\$ 1,065,000	\$ -	\$ 165,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 1,065,000
4	Old Highway 99 Extension: 79th Avenue to 88th Avenue	\$ 210,000	\$ -	\$ -	\$ 210,000	\$ -	\$ -	\$ -	\$ 870,000	\$ 1,080,000
5	City Operations and Maintenance Facility Relocation	\$ 5,416,500	\$ -	\$ 2,411,500	\$ 2,525,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ -	\$ 5,416,500
6	Streamland Estates Lift Station	\$ 210,000	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,000
7	Lloyd Street Lift Station	\$ 260,000	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 260,000
8	Sewer Extension Program	\$ 2,030,000	\$ 35,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ -	\$ 2,030,000
9	Comprehensive Plan Review/Update	\$ 325,000	\$ -	\$ 250,000	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 325,000
10	Enterprise Resource Planning Business System	\$ 173,333	\$ 173,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,333
11	I-5 Sanitary Sewer Main Crossings Report	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
12	Capitol Blvd and X St Sewer	\$ 330,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 310,000	\$ -	\$ -	\$ 330,000
13	Capitol Blvd, Trosper Rd, and Linda St Sewer Replacement	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
14	Resource Conservation & Sustainability	\$ 50,000	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
TOTAL EXPENSES		12,993,333	788,333	3,747,000	4,817,500	1,182,500	1,172,500	1,285,500	870,000	13,863,333
SOURCES OF FUNDS:										
General Governmental		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 7,302,541	\$ 717,916	\$ 2,103,125	\$ 1,324,625	\$ 909,875	\$ 1,259,875	\$ 987,125	\$ 87,000	\$ 7,389,541
Connections		\$ 4,535,792	\$ 805,417	\$ 1,808,875	\$ 1,127,875	\$ 272,625	\$ 222,625	\$ 298,375	\$ 783,000	\$ 5,318,792
Revenue Bonds/Debt		\$ 2,200,000	\$ -	\$ 2,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000
TOTAL SOURCES		\$14,038,333	\$ 1,523,333	\$ 6,112,000	\$ 2,452,500	\$ 1,182,500	\$ 1,482,500	\$ 1,285,500	\$ 870,000	\$ 14,908,333

SIX YEAR FINANCIAL FORECAST

SEWER	2021	2022	2023	2024	2025	2026	2027		2022-2027
REVENUES									
Beginning Fund Balance	\$12,105,471	\$ 11,928,826	\$ 11,781,917	\$ 10,705,192	\$ 6,150,399	\$ 5,213,899	\$ 4,350,667		\$ 11,928,826
Charges for Service (Rates & Utility Tax)	\$ 2,805,183	\$ 2,983,930	\$ 3,134,693	\$ 3,293,073	\$ 3,459,456	\$ 3,634,245	\$ 3,817,865		\$ 20,323,261
Misc. revenues	\$ 173,549	\$ 176,152	\$ 2,378,795	\$ 181,476	\$ 184,199	\$ 186,962	\$ 189,766		\$ 3,297,349
Operating Income (Sales + Misc.)	\$ 2,978,732	\$ 3,160,082	\$ 5,513,487	\$ 3,474,550	\$ 3,643,654	\$ 3,821,206	\$ 4,007,631		\$ 23,620,610
LOTT (Pass Thru incl. CDC)	\$ 7,407,823	\$ 7,630,058	\$ 7,858,959	\$ 8,094,728	\$ 8,337,570	\$ 8,587,697	\$ 8,845,328		\$ 49,354,339
Interfund Payment (P&I) - Golf Course	\$ 185,000	\$ 185,000	\$ 30,732	\$ -	\$ -	\$ -	\$ -		\$ 215,732
Connection & Development Fees	\$ 650,500	\$ 571,276	\$ 513,863	\$ 452,787	\$ 387,887	\$ 398,748	\$ 409,913		\$ 2,734,473
TOTAL REVENUES	\$11,222,055	\$ 23,475,241	\$ 25,698,958	\$ 22,727,256	\$ 18,519,510	\$ 18,021,550	\$ 17,613,539		\$ 87,853,980
EXPENDITURES									
O & M (including Administration)	\$ 3,115,878	\$ 3,224,934	\$ 3,337,806	\$ 3,454,630	\$ 3,575,542	\$ 3,700,685	\$ 3,830,209		\$ 21,123,806
Debt Service	\$ -	\$ -	\$ -	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000		\$ 640,000
Capital	\$ 875,000	\$ 838,333	\$ 3,797,000	\$ 4,867,500	\$ 1,232,500	\$ 1,222,500	\$ 1,335,500		\$ 13,293,333
LOTT (Pass Thru incl. CDC)	\$ 7,407,823	\$ 7,630,058	\$ 7,858,959	\$ 8,094,728	\$ 8,337,570	\$ 8,587,697	\$ 8,845,328		\$ 49,354,339
TOTAL EXPENSES	\$11,398,701	\$ 11,693,324	\$ 14,993,766	\$ 16,576,858	\$ 13,305,611	\$ 13,670,882	\$ 14,171,037		\$ 84,411,478
ENDING FUND BALANCE	\$11,928,826	\$ 11,781,917	\$ 10,705,192	\$ 6,150,399	\$ 5,213,899	\$ 4,350,667	\$ 3,442,502		\$ 3,442,502
UTILITY RESERVE POLICY (20% O&M + Debt Service)	\$ 623,176	\$ 644,987	\$ 667,561	\$ 722,926	\$ 747,108	\$ 772,137	\$ 798,042		
Rate Increases	4.8%	4.8%	3.5%	3.5%	3.5%	3.5%	3.5%		
Connection Fee Increases	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%		

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR:

SS-01

PROGRAM TITLE: Annual Sewer Infrastructure Replacement Program

PROGRAM DESCRIPTION:

This project provides for the systematic rehabilitation of aging sanitary sewer lines in various areas of the City. The funding demonstrates an initial planning project to evaluate and define projects to be completed. A prioritized list of projects, using the data gathered from CCTV inspections of the sewer system, will be developed. The actual construction method will be based on the characteristics of the individual replacements.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 25%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 271,500	\$ 55,000	\$ 25,500	\$ 67,500	\$ 25,500	\$ 72,500	\$ 25,500		\$ 271,500
Land & R-O-W										
Construction		\$ 2,602,000	\$ -	\$ 765,000		\$ 867,000		\$ 970,000		\$ 2,602,000
Equipment										
Other										
TOTAL EXPENSES	\$ -	\$ 2,873,500	\$ 55,000	\$ 790,500	\$ 67,500	\$ 892,500	\$ 72,500	\$ 995,500	\$ -	\$ 2,873,500
Sources of Funds:										
General Government								\$ -	\$ -	\$ -
Grants								\$ -	\$ -	\$ -
Operating Income	\$ -	\$ 2,155,125	\$ 41,250	\$ 592,875	\$ 50,625	\$ 669,375	\$ 54,375	\$ 746,625	\$ -	\$ 2,155,125
Connections	\$ -	\$ 718,375	\$ 13,750	\$ 197,625	\$ 16,875	\$ 223,125	\$ 18,125	\$ 248,875	\$ -	\$ 718,375
Revenue Bonds										
L.I.D.'s										
Other										
TOTAL SOURCES	\$ -	\$ 2,873,500	\$ 55,000	\$ 790,500	\$ 67,500	\$ 892,500	\$ 72,500	\$ 995,500	\$ -	\$ 2,873,500

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR:

SS-02

PROGRAM TITLE: Oversizing Program

PROGRAM DESCRIPTION:

The City will participate in the funding for projects identified in the Sanitary Sewer Comprehensive Plan to the extent the sewers are constructed as "oversized" relative to the needs of the participating development. The oversizing costs shall be the incremental cost above the cost required to install an 8-inch line. Oversizing will only be funded for those projects where the diameter of pipe required is larger than the capacity needs of the development, exceeding 8-inches.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 General Sewer Plan PAGE# 8-1 GROWTH: 90%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -								\$ -
Land & R-O-W		\$ -								\$ -
Construction		\$ 330,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000		\$ 330,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 330,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ -	\$ 330,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 33,000	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ -	\$ 33,000
Connections		\$ 297,000	\$ 49,500	\$ 49,500	\$ 49,500	\$ 49,500	\$ 49,500	\$ 49,500	\$ -	\$ 297,000
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 330,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ -	\$ 330,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR:

SS-03

PROGRAM TITLE: Regional Pump Station

PROGRAM DESCRIPTION:

This project would fund the construction of a regional pump station in one of the growth areas of the City. City funding of the station would be to prevent the development of on-site community septic systems in areas of small developments where the construction of a regional station isn't financially feasible. Location and timing of the project would be determined based on development activity.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 General Sewer Plan PAGE# 8-1 GROWTH: 90%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 165,000		\$ 165,000						\$ 165,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 900,000			\$ 900,000					\$ 900,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 1,065,000	\$ -	\$ 165,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 1,065,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 106,500	\$ -	\$ 16,500	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 106,500
Connections		\$ 958,500	\$ -	\$ 148,500	\$ 810,000	\$ -	\$ -	\$ -	\$ -	\$ 958,500
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 1,065,000	\$ -	\$ 165,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 1,065,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR:

SS-04

PROGRAM TITLE: Old Highway 99 Extension: 79th Avenue to 88th Avenue

PROGRAM DESCRIPTION:

This project would fund the construction of the sewer infrastructure to serve the southeast area of the City. Timing of the project is dependent on development activity. The first phase shown in this CFP extends watermain through the limits of the Old Hwy 99 and 79th Ave Roundabout project.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 General Sewer Plan PAGE# 6-24 GROWTH: 90%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 15,000	\$ 15,000		\$ -	\$ -			\$ 70,000	\$ 85,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 210,000			\$ 210,000				\$ 800,000	\$ 1,010,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ -	\$ 225,000	\$ 15,000	\$ -	\$ 210,000	\$ -	\$ -	\$ -	\$ 870,000	\$ 1,095,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income		\$ 22,500	\$ 1,500	\$ -	\$ 21,000	\$ -	\$ -	\$ -	\$ 87,000	\$ 109,500
Connections		\$ 202,500	\$ 13,500	\$ -	\$ 189,000	\$ -	\$ -	\$ -	\$ 783,000	\$ 985,500
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 225,000	\$ 15,000	\$ -	\$ 210,000	\$ -	\$ -	\$ -	\$ 870,000	\$ 1,095,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO. 2016025
NEW: No
PRIOR:

SS-05

PROGRAM TITLE: City Operations and Maintenance Facility Relocation

PROGRAM DESCRIPTION:

This project includes the demolition, master planning, design and construction for a new Public Works and Facilities Divisions Operations and Maintenance Facility at the City's Trails End Drive property. Site costs are distributed 34% General Fund, 33% Water, 17% Sewer, and 17% Storm. Offsite mitigation costs are distributed 50% General Fund and Transportation CFP, 24% Water, 13% Sewer, and 13% Storm. Construction will use debt financing either revenue bond or PWTF loan. Debt payments are included.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: City Hall Campus Master Plan PAGE# GROWTH: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 19,422	\$ 300,000	\$ 300,000							\$ 319,422
Land & R-O-W	\$ 160,894	\$ -								\$ 160,894
Construction	\$ 73,512	\$ 4,730,000		\$ 2,365,000	\$ 2,365,000					\$ 4,803,512
Equipment		\$ -								\$ -
Other (incl. 1% for Arts)		\$ 686,500		\$ 46,500	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000		\$ 686,500
TOTAL EXPENSES	\$ 253,827	\$ 5,716,500	\$ 300,000	\$ 2,411,500	\$ 2,525,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ -	\$ 5,970,327
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 126,914	\$ 2,078,250	\$ 150,000	\$ 1,288,250	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000		\$ 2,205,164
Connections	\$ 126,914	\$ 1,438,250	\$ 150,000	\$ 1,288,250						\$ 1,565,164
Revenue Bonds		\$ 2,200,000		\$ 2,200,000						\$ 2,200,000
Other		\$ -								\$ -
TOTAL SOURCES	\$ 253,827	\$ 5,716,500	\$ 300,000	\$ 4,776,500	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ -	\$ 5,970,327

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR:

SS-06

PROGRAM TITLE: Streamland Estates Lift Station

PROGRAM DESCRIPTION:

Project will upgrade the Streamland Estates lift station to account for modeled deficiencies to accommodate growth in the system. The existing system has an oversized wet well; upgrades include new pumps, valves piping, and associated equipment.

IS PROJECT RECOMMENDED BY PLAN/POLICY? Yes PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 60%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 35,000	\$ -	\$ -			\$ -				\$ 35,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 210,000	\$ 210,000				\$ -			\$ 210,000
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ 35,000	\$ 210,000	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 245,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 14,000	\$ 84,000	\$ 84,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 98,000
Connections	\$ 21,000	\$ 126,000	\$ 126,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 147,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 35,000	\$ 210,000	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 245,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR:

SS-07

PROGRAM TITLE: Lloyd Street Lift Station

PROGRAM DESCRIPTION:

Project will upgrade the Lloyd Street lift station to account for modeled deficiencies to accommodate growth in the system. Upgrades include wet well oversizing, new pumps, valves piping, and associated equipment.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 80%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 45,000	\$ -								\$ 45,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 260,000	\$ 260,000							\$ 260,000
Equipment		\$ -								\$ -
Other		\$ -								\$ -
TOTAL EXPENSES	\$ 45,000	\$ 260,000	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 305,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 9,000	\$ 52,000	\$ 52,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,000
Connections	\$ 36,000	\$ 208,000	\$ 208,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 244,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 45,000	\$ 260,000	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 305,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR:

SS-08

PROGRAM TITLE: Sewer Extension Program

PROGRAM DESCRIPTION:

Project provides funding for extension of sewer mains to neighborhoods to facilitate onsite system conversions to sanitary sewer for protection of drinking water, public and environmental health. Project prioritization results from City evaluation and planning processes. This program is currently under consideration and has not been fully defined. Projects are shown annually, but may be combined for efficiency and workload.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-2 GROWTH: 0%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 330,000	\$ 35,000	\$ 75,000	\$ 35,000	\$ 75,000	\$ 35,000	\$ 75,000		\$ 330,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 1,700,000			\$ 850,000		\$ 850,000			\$ 1,700,000
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ 2,030,000	\$ 35,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ -	\$ 2,030,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 2,030,000	\$ 35,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ -	\$ 2,030,000
Connections	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 2,030,000	\$ 35,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ 885,000	\$ 75,000	\$ -	\$ 2,030,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR:

SS-09

PROGRAM TITLE: Comprehensive Plan Review/Update

PROGRAM DESCRIPTION:

Review the existing Sanitary Sewer Comp Plan (last completed in 2015) and update it to reflect current development trends within the service area and incorporate current LOTT plans. Would look at possible satellite treatment locations and joint use pipelines. A focus would be placed on developing CFP projects to make sewers available to areas where development is expected.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: WAC 173-240 PAGE# GROWTH: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 325,000		\$ 250,000	\$ 75,000	\$ -			\$ -	\$ 325,000
Land & R-O-W		\$ -							\$ -	\$ -
Construction		\$ -							\$ -	\$ -
Equipment		\$ -							\$ -	\$ -
Other		\$ -							\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ 325,000	\$ -	\$ 250,000	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 325,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 162,500	\$ -	\$ 125,000	\$ 37,500	\$ -	\$ -	\$ -	\$ -	\$ 162,500
Connections	\$ -	\$ 162,500	\$ -	\$ 125,000	\$ 37,500	\$ -	\$ -	\$ -	\$ -	\$ 162,500
Revenue Bonds		\$ -								\$ -
L.I.D.'s		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 325,000	\$ -	\$ 250,000	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 325,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: No
PRIOR:

SS-10

PROGRAM TITLE: Enterprise Resource Planning Business System

PROGRAM DESCRIPTION:

Assessment and Analysis of current ERP System (Tyler Eden) replacement. The cost of a new ERP system could be as low as \$700,000 and as high as \$3 million. We are including a \$2 million cost as a best early estimate. The City currently uses Tyler Technology's Eden program. Tyler no longer writes upgrades specific to Eden. Instead it writes generic upgrades which then need to be customized for Eden, one of several of Tyler software systems. Eden also has not provided the Web-based accessibility that we would wish for. The cost will be split approx. 50% General Fund and 50% between the Water, Sewer and Storm Utilities. The General Fund portion is shown being debt financed internally.

IS PROJECT RECOMMENDED BY PLAN/POLICY?

PLAN:

PAGE#

GROWTH: 20%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land & R-O-W		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (Debt Service)	\$ 166,667	\$ 173,333	\$ 173,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,000
TOTAL EXPENSES	\$ 166,667	\$ 173,333	\$ 173,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,000
Sources of Funds:										
General Government		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grants		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Income	\$ 133,334	\$ 138,666	\$ 138,666	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 272,000
Connections	\$ 33,333	\$ 34,667	\$ 34,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 68,000
Revenue Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL SOURCES	\$ 166,667	\$ 173,333	\$ 173,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources & Sustainability
PROJECT NO.
NEW: Yes
PRIOR:

SS-11

PROGRAM TITLE: I-5 Sanitary Sewer Main Crossings Report

PROGRAM DESCRIPTION:

This project provides for the evaluation of aging sanitary sewer main crossings under the I-5 corridor and completion of an alternatives analysis report to consider redirection of sewer flows and elimination of crossings under the interstate highway which hinders and complicates routine maintenance. Known crossings include 2nd Avenue at Desoto Street, 2nd Avenue at E Street, 2nd Avenue between 3rd and H Streets and 2nd Avenue at Little Street.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-6 GROWTH: 25%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000					\$ 100,000
Land & R-O-W	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (Debt Service)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Sources of Funds:										
General Government	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Income	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000
Connections	\$ -	\$ 25,000	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Revenue Bonds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL SOURCES	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources and Sustainability
PROJECT NO.
NEW: Yes
PRIOR:

SS-12

PROGRAM TITLE: Capitol Blvd and X St Sewer

PROGRAM DESCRIPTION:

Replace aging concrete sewer on Capitol Blvd and X St in conjunction with the Capitol Blvd and X St Roundabout transportation improvement project.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 20,000	\$ 20,000							\$ 20,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 310,000					\$ 310,000			\$ 310,000
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ 330,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 310,000	\$ -	\$ -	\$ 330,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 165,000	\$ 10,000	\$ -	\$ -	\$ -	\$ 155,000	\$ -	\$ -	\$ 165,000
Connections	\$ -	\$ 165,000	\$ 10,000	\$ -	\$ -	\$ -	\$ 155,000	\$ -	\$ -	\$ 165,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 330,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 310,000	\$ -	\$ -	\$ 330,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources and Sustainability
PROJECT NO.
NEW: Yes
PRIOR:

SS-13

PROGRAM TITLE: Capitol Blvd, Trosper Rd, and Linda St Sewer Replacement

PROGRAM DESCRIPTION:

Replace aging concrete sewer on Capitol Blvd, Trosper Rd, and Linda St in conjunction with the Capitol/Trosper/I-5 transportation improvement project.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design	\$ 20,000	\$ -								\$ 20,000
Land & R-O-W		\$ -								\$ -
Construction		\$ 400,000	\$ 400,000							\$ 400,000
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ 20,000	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 420,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ 10,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,000
Connections	\$ 10,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ 20,000	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 420,000

CITY OF TUMWATER CAPITAL FACILITIES PLAN WORKSHEET

CONTACT: Dan Smith
FUND: Sanitary Sewer
DEPT: Water Resources and Sustainability
PROJECT NO.
NEW: Yes
PRIOR:

SS-14

PROGRAM TITLE: Resource Conservation & Sustainability

PROGRAM DESCRIPTION:

Set aside funds to support the implementation of City Green Team initiatives and recommendations identified in the Regional Climate Action Plan.

IS PROJECT RECOMMENDED BY PLAN/POLICY? YES PLAN: 2015 General Sewer Plan PAGE# 8-7 GROWTH: 50%

FINANCIAL DATA

EXPENSES	PRIOR YRS	6YR TOTAL	2022	2023	2024	2025	2026	2027	FUTURE YEARS	GRAND TOTAL
Capital Costs:										
Planning & Design		\$ 50,000	\$ 25,000	\$ 25,000						\$ 50,000
Land & R-O-W		\$ -								\$ -
Construction		\$ -								\$ -
Equipment		\$ -								\$ -
Other		\$ -					\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ -	\$ 50,000	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Sources of Funds:										
General Government		\$ -								\$ -
Grants		\$ -								\$ -
Operating Income	\$ -	\$ 25,000	\$ 12,500	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Connections	\$ -	\$ 25,000	\$ 12,500	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Revenue Bonds		\$ -								\$ -
Other		\$ -								\$ -
TOTAL SOURCES	\$ -	\$ 50,000	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000