



Consolidation Feasibility Study Grant Application Guidelines

331-559-F • Revised May 2022

On June 1, 2022, the Drinking Water State Revolving Fund (DWSRF) program will accept applications for the Consolidation Feasibility Study Grant Program. The application worksheet is available in Appendix A of these guidelines and on the Department of Health's (DOH) website at doh.wa.gov/DWSRF.

After you complete the application worksheet your information must be entered into our online application Washington Loan Tracking (WALT). WALT can be accessed through Secure Access Washington (SAW). For help with the online system, check out the [WALT External User Manual](#).

The application period is June 1 to June 30, 2022.

Revised May 2022

Office of Drinking Water Contacts

Drinking Water State Revolving Fund Loan Program

If you have questions about	Contact	Phone	Email
Eligibility and general questions	Corina Hayes	360-236-3153	Corina.hayes@doh.wa.gov
Application & general questions	Sara J. Herrera	360-236-3089	Sara.herrera@doh.wa.gov
Cultural/environmental review	Scott Kugel	509-329-2117	Scott.kugel@doh.wa.gov
Underwriting	Mike Copeland	360-236-3083	Mike.copeland@doh.wa.gov
Contracting	Eloise Rudolph	360-236-3124	Eloise.rudolph@doh.wa.gov
Contracting	Brittany Cody-Pinkney	360-236-3047	Brittany.Cody-Pinkney@doh.wa.gov
Contracting	Dennis Hewitt	360-236-3017	Dennis.hewitt@doh.wa.gov

Department of Health, Office of Drinking Water
PO Box 47822
Olympia, WA 98504-7822

Phone 800-521-0323
Fax 360-236-2252
Email dwsrf@doh.wa.gov
Website doh.wa.gov/DWSRF

If you have questions on regulatory requirements, project reports, or planning requirements, please contact the appropriate Office of Drinking Water (ODW) regional office.

[Northwest Regional Office](#)

20425 72nd Ave. S., Suite 310
Kent, WA 98032
253-395-6750

[Southwest Regional Office](#)

111 Israel Road SE
Tumwater, WA 98501
360-236-3030

[Eastern Regional](#)

16201 E. Indiana Ave. Suite 1500
Spokane Valley, WA 99216
509-329-2100

Technical Assistance Contacts for Small Water Systems

Infrastructure Assistance Coordination Council: infracunding.wa.gov.

Rural Community Assistance Corporation (RCAC)
360-836-5424
www.rcac.org

Evergreen Rural Water of Washington
360-462-9287
www.erwow.org

Environmental Finance Center: efcnetwork.org/assistance/request-assistance.

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Program Description and Goals

DOH seeks to promote consolidation of small Group A water systems into larger entities with greater technical, managerial, and financial capacity. These efforts encourage improved capacity, sustainability, and reduce the number of small Group A water systems that serve fewer than 10,000 people.

Consolidation is either (1) physically joining two or more separate water systems into an existing Group A water system, or (2) changing ownership of a water system where the prospective new owner is a public entity, also referred to as restructuring.

Consolidation activities include but are not limited to: water system planning, feasibility studies, public outreach and meetings, engineering design, that identify infrastructure improvements necessary to address or prevent violation of applicable federal, state and local drinking water requirements.

We are asking for connection fee only project through this cycle (see connection fee project below for eligibility), to gauge funding need for these projects. These projects will be funded through a separate funding source. Applicants are encouraged to apply, funding for these projects is subject to the conditions of the separate funding source. These projects will follow a separate contract schedule, however the application review and eligibility is the same for both and will occur concurrently.

DWSRF Application Process

We will accept applications through our online Washington Loan and Grant Tracking system (WALT). You can find the application worksheet in Appendix A of this document and at doh.wa.gov/DWSRF. WALT will accept applications until 11:59 p.m. on June 30, 2022, the deadline date.

DWSRF staff are available to assist you with your application. We will host a Question-and-Answer webinar May 25 from 10am – noon to help you with the application process. No registration is needed. Just go to www.doh.wa.gov/DWSRF and click on the link to join the webinar.

Appendix B contain sample scopes of work.

Estimated Timelines

Action	Date
Consolidation Feasibility Study Grant Program Overview Webinar Learn about program requirements.	May 25, 2022, at 10:00 a.m.
Grant Application opens	June 1, 2022
Question and Answer Webinar	June 15, 2022, at 10:00 a.m.
Questions and Answers from June 15 webinar: We will post to doh.wa.gov/DWSRF .	June 24, 2022
Applications due. DOH accepts applications until 11:59 local time on the due date and reviews applications upon receipt.	June 30, 2022
Applicants notified of funding status.	September 1, 2022
Contracts issued.	November–December 2022
Complete all work.	Within two years of contract execution.

Funding

DOH plans to make \$400,000 available. The maximum grant available per project is \$50,000, the minimum is \$10,000. Applicants may submit multiple project applications for grant funding. If an applicant is selected to receive grant funds, but the offer is withdrawn or declined, we will consider the next highest scored applicant(s) to receive grant funds. Submit each project as a separate application.

Grant Objective

The primary objective of this consolidation grant is to assist Group A not-for-profit community water systems with restructuring or consolidation infrastructure projects. Information obtained with this grant can help all affected entities make informed decisions on the restructuring or consolidation project.

Minimum Qualifications and Eligibility

The applicant must be a:

- ◆ Group A not-for-profit community water system, county, city, public utility district, or water district in Washington State
- ◆ Tribal water system that meets the definition of a Group A not-for-profit community water system. Tribal water systems must meet all capacity requirements and the proposed project may not receive Safe Drinking Water Act (SDWA) national set-aside funds for tribal systems.

State owned, federally owned, non-community, and for-profit water systems are not eligible to apply for this grant but may be included in a consolidation (see below for more details on “consolidated systems”). Responding entities who do not meet these minimum qualifications will be deemed ineligible.

To be eligible, we require letters of support and commitment, interlocal agreements, or equivalent documentation to demonstrate commitment to participate in the proposed project,

describes roles and responsibilities of each party, and commits to participate in a community meeting. The applicant and all other water systems identified in the proposed project must provide this information with their submitted application. Acceptance of the grant does not require the system to complete the consolidation.

The applicant is not required to have a current approved water system plan or small water system management program to be eligible for funding. Funding can be used to complete planning documents that include the project as long as all work can be completed within two years of contract execution.

Consolidated System

The system (or systems) studied for potential consolidation or restructuring must be a Group A water system serving fewer than 10,000 people. While federally owned, state-owned, for-profit and non-community water systems are not eligible to apply for this funding, such water systems are eligible for consolidation with an eligible responding entity.

Systems owned by the applicant may be eligible if ownership is due to receivership or emergency and occurred within the last five years.

DOH may require that an independent third party complete the study or that all parties agree on the service provider prior to the commencement of any work. This is intended to increase the confidence in the products produced through this grant.

All feasibility studies are required to include a cost analysis for the system considering merging into the Group A. The analysis will evaluate the merging systems costs to remain independent.

The analysis includes both O&M and capital financial costs, plus the managerial costs and volunteer hours spent to remain independent for the next 20 years. It will also identify the following.

1. Completed SRF asset inventory showing the most conservative life of an asset, and the cost to replace the asset if life expectancy has been exceeded.
2. Cost of a second source that includes a today's land purchase, if there's only one well (to demonstrate resiliency)
3. Qualitative summary to include the following:
 - a. Number of Board Members by their governance structure, are all positions currently filled and a rate of vacancy.
 - b. Estimated amount of time each Board member spends overseeing the system,
 - c. Evaluate the board's ability to manage a multiple year infrastructure project and communicate with customers. This should include:
 - i. Educate the community about infrastructure quality and necessary improvements and available funding,
 - ii. Fill out loan applications, prepare financial records, and communicate with loan officers.
 - iii. Communicate about taking on debt with the subsequent rate increases necessary and gain necessary votes)
 - iv. Manage a capital project to replace their infrastructure from design, permitting, funding, construction and debt management. e) identify the increase time investment from board member to manage the project.

Connection Fee Project

Eligible cost for connection fee projects may include design costs, system development charges, and administrative costs associated with connecting one or more Group A water systems according to the applicant's published fees or tariff **but cannot be used to fund any construction activities**. Please clearly identify in your grant application if you are seeking funding for a connection fee project. We expect to fund these projects from a different funding source and need them to be clearly identified. **We may need to adjust funding timeline based on funding source used to fund project.**

Project Scoring

Our scoring process gives funding priority to projects that address severe public health threats and compliance issues. After you submit your application, we will determine whether the projects are eligible for Drinking Water State Revolving Fund Consolidation Feasibility Study Grant funding. All eligible projects will be scored. If projects receive identical scores, we use the largest population of the system(s) being consolidated as a tiebreaker.

A critical element of the application is the health risk or problem the utility is facing and how an infrastructure project will eliminate that risk. Your application must clearly document any public health risks and compliance problems the consolidation would address. We may not consider unclearly presented information during scoring and ranking. A Proposal that doesn't clearly identify an infrastructure project is ineligible for current funding.

Risk Categories and associated points in priority order are as follows.

Risk Category 1 (42 points) the system to be merged must have a documented microbial contamination event or compliance problem associated with:

- ◆ Total Coliform Rule and Revised Total Coliform Rule.
- ◆ Surface Water Treatment Rules.
- ◆ Groundwater Rule.
- ◆ Uncovered finished water reservoirs.
- ◆ Exceeding EPA Health Advisory (HA) level for microbial and cyanotoxins. Per the current EPA HA, the identified cyanotoxins are microcystins (current level established at 0.3 micrograms per liter) and cylindrospermopsin (current level established at 0.7 micrograms per liter).

Risk Category 2 (34 points) the system to be merged must have primary inorganic chemical contamination.

Project must evaluate compliance problems (MCL, TT, or Action Level), exceedances, or violations associated with the following.

Antimony (Sb)	Chromium (Cr)	Nickel (Ni)
Arsenic (As)	Copper (Cu)	Nitrate (as N)
Asbestos	Cyanide (HCN)	Nitrite (as N)
Barium (Ba)	Fluoride (F) (over 4.0 mg)	Selenium (Se)
Beryllium (Be)	Lead (Pb)	Thallium (Tl)
Cadmium (Cd)	Mercury (Hg)	

Risk Category 2 also includes the following:

- ◆ Corrosion control projects for lead and copper.
- ◆ Projects to address a combined concentration of PFOS, PFOA, PFHxS, PFNA, and PFBS that exceeds the state action level as published in 246-290-315. Higher concentrations will be prioritized if multiple projects have the same score.

Risk Category 3 (26 points). the system to be merged must have a primary chemical risk, a sanitary survey significant deficiency, disinfection installation, lead component removal or replacement, or EPA chemical Health Advisory (HA).

To receive a score in Risk Category 3, your project must evaluate a compliance problem (MCL, TT, or Action Level), exceedances, or violations associated with the following:

- ◆ Disinfection by-products.
- ◆ Organic chemical.
- ◆ Radionuclides.

Other eligible projects in Risk Category 3 would evaluate ways to address:

- ◆ A significant deficiency identified during the most recent sanitary survey. The system must have received a compliance order for the significant deficiency.
- ◆ Lack of disinfection treatment as required in WAC 246-290-451, if not captured in Risk Category 1.
- ◆ An exceedance of an EPA HA level established for chemical contaminants, such as manganese concentrations that exceed 0.3 milligrams per liter.
- ◆ Receiverships.
- ◆ Lead service lines and goosenecks. The water system must provide historic records to document that the service lines or goosenecks to be replaced or taken out of service are lead. Acceptable historic records include information on the age of the houses and high probability of lead components being present, line installation records, line repair information, and as-builts.

Risk Category 4 (18 points) the system to be merged must have a secondary MCL, resiliency, seawater intrusion risk, sanitary survey significant finding, 80 percent of nitrate or arsenic MCL.

To receive a score in Risk Category 4, your project must evaluate compliance problems (MCL, TT, or Action Level), exceedances, or violations associated with the following.

Chloride (Cl)	Manganese (Mn)	Sulfate (SO ₄)
Fluoride (F) (over 2.0 mg)	Silver (Ag)	Zinc (Zn)
Iron (Fe)	Sodium (Na)	

Projects that provide resiliency to the water system also qualify for this Risk Category. Resilience refers to the ability of water infrastructure systems to withstand and recover from natural and man-made disturbances to their functioning. Resilience criteria for factors relating to project planning and design may address:

- ◆ Vulnerability of a water system to disruption of safe water delivery, whether natural or of human origin.
- ◆ Capability to recover from disruption of safe water delivery.
- ◆ A range of natural events capable of disruption, including flooding, long-term drought, sea-level rise and earthquakes.

Projects that qualify as providing system resiliency include, but are not limited to, adding a redundant source, modifying a surface water intake to operate under drought or flood conditions, seismic upgrades to finished water reservoirs or transmission mains, interties, or providing a generator at the main source. **The proposed project needs to benefit the majority (51 percent or more) of the population the water system serves.**

Other projects that qualify for Risk Category 4 include:

- ◆ Addressing seawater intrusion.
- ◆ Addressing a significant finding identified in the most recent sanitary survey. The system must have received a compliance order for the significant finding.
- ◆ Addressing a nitrate or arsenic issue. To qualify, the system must have entry point monitoring that documents the system exceeds 80 percent of the nitrate or arsenic MCL.
- ◆ Addressing PFOS contamination below the state action level.

Risk Category 5 (10 points). To receive a score in Risk Category 5, the system to be merged must evaluate infrastructure sustainability.

Projects can be one of the following:

- ◆ Treatment enhancement. For example, treatment installed to address taste and odor.
- ◆ Install an additional distribution reservoir.
- ◆ Install treatment plant discharge improvements.
- ◆ Install pressure reduction device(s).
- ◆ Install backflow prevention device(s). Device must be installed on property the water system owns. The water system must own and maintain the device.
- ◆ Security measures (cameras, fencing, lighting, lab equipment, chemical storage) not included as part of a category 1–4 project.
- ◆ Replace water mains, reservoirs, or booster pump stations.
- ◆ Replace roof for reservoir and other structures.
- ◆ Other distribution improvements.

An application can receive points in only one Risk Category. After we score applications, we rank them from highest to lowest score. If projects receive identical scores, we will use the respective population of the water system(s) being consolidated as a tiebreaker.

Bonus points

These points are provided to prioritize projects more likely to result in future consolidation, affect more than one system, and benefit disadvantaged systems.

The consolidation is already included in water system plan (provide documentation)—2 points

Customer's meeting has occurred, customers support the consolidation (minutes provided)—2 points

Additional systems included in consolidation (beyond initial one)—1 point per system

Have a signed binding transfer agreement (provide documentation)—5 points

Identified on our [Washington Tracking Network](#) (WTN) where the system to be consolidated has at least 50 percent of the service area within a ranked 8 or higher on the Environmental Health Disparities V1.1 or Social Economic Factors (staff will identify using WTN)—5 points.

Mobile Home Parks that request funding for engineering design (not feasibility)—5 points

Contract Information

Work performed prior to contract execution will not be eligible for reimbursement.

We withhold 10 percent of the total funding amount until you complete the project and DOH receives and approves all deliverables. Projects must be completed within two years of contract execution. Work completed after that date will not be reimbursed.

We are now required to perform a risk assessment for all grant recipients. Depending on the outcome of the risk assessment, additional fiscal monitoring may be required.

You must complete the following steps prior to receiving a DWSRF contract.

◆ **Step 1: Unique Entity ID .**

On April 4, 2022, the unique entity identifier used across the federal government changed from the DUNS Number to the Unique Entity ID (generated by SAM.gov).

- The Unique Entity ID is a 12-character alphanumeric ID assigned to an entity by [SAM.gov](https://sam.gov).
- As part of this transition, the DUNS Number has been removed from SAM.gov.
- Entity registration, searching, and data entry in SAM.gov now require use of the new Unique Entity ID.
- Existing registered entities can find their Unique Entity ID by following the steps [here](#).
- New entities can get their Unique Entity ID at SAM.gov and, if required, complete an entity registration.

◆ **Step 2: Valid Registration with System for Awards Management (SAM).**

Borrowers must have a valid entity registration with SAM, which is a federally owned and operated free website that consolidates the federal procurement systems and the Catalog of Federal Domestic Assistance (CFDA) into one system. SAM now includes the functionality of the Central Contractor Registry (CCR).

Entity registration must be updated or renewed at least once a year, or it will expire. Visit sam.gov/portal/SAM to see if you are already registered. You do not need a user account to search, just type your entity name or D-U-N-S number into the search box.

If you are not registered, you must first create a user account and register at sam.gov/portal/SAM. You will need your D-U-N-S Number to complete your registration. If you need help, the Federal Service Desk at fsd.gov can help you navigate the system and support your SAM registration.

◆ **Step 3: Statewide Vendor Number.**

Borrowers must establish a Statewide Vendor (SWV) Number through the Department of Enterprise Services (DES) and submit it to DOH. The Statewide Payee Desk maintains a central file that all Washington State agencies use to process payments to individuals and businesses. Contact DES at 360-407-8180, payeehelpdesk@des.wa.gov, or obtain the

required forms at

des.wa.gov/services/ContractingPurchasing/Business/VendorPay/Pages/default.

💧 **Step 4: Check for Federal Exclusion.**

Before DOH awards a contract to borrowers, we verify that borrowers are not in the Federal Excluded Parties List System (EPLS) for ineligible professionals and debarred contractors at sam.gov/portal/SAM. We document that the borrower does not appear in the EPLS by keeping a printout in the borrower's loan file. Borrowers **must** verify contractor or subcontractor eligibility through SAM and document it in the file.

Appendix A—Application Worksheet



2022 DWSRF Consolidation Feasibility Study Grant Application Worksheet

It is important that you read and understand the 2022 DWSRF Consolidation Grant Guidelines before you complete this application worksheet and enter information into the DWSRF online application, WALT. Fields marked with an * are required fields. Submittals must be received online by June 30, 2022. We are holding a Question and Answer webinar on June 15, 2022, from 10:00 a.m. until noon.

To participate, join the meeting from your computer, tablet, or smartphone on June 15 by clicking the following link: attendee.gotowebinar.com/register/534277289310854658.

Submit questions in writing prior to the webinar to dwsrf@doh.wa.gov.

*Applicant Organization		
*Address 1		
Address 2		
*City	State	*Zip Code +4 (Link to USPS Zip Code Lookup)
*County		*Phone Number
*Email	*Federal Tax ID #	Organization Website Address

*First Name		*Last Name	
*Phone Number		*Email	
Address 1		Address 2	
*City	State	*Zip Code +4 (Link to USPS Zip Code Lookup)	
Applicant Organization Information			
*Water System Name:		*Water System ID#:	
*Unique Entity Identifier (UEI) #:		*Statewide Vendor #:	
*Central Contractor Registration (CCR) Expiration Date: Click here to enter a date.		*UBI#:	

Initial Eligibility

ATTENTION: Answering NO to any of the following questions or not providing documents requested will make you ineligible. *Please contact your regional planner or engineer if you have questions.*

***Is the applicant a Group A not-for-profit community water system, county, city, public utility district, or water district?**

YES NO

***Is the water system being consolidated a Group A water system, serving fewer than 10,000 people?**

YES NO

***Is there a letter(s) of support and commitment, interlocal agreement, or equivalent documentation to demonstrate commitment to participate in the project,** describes roles and responsibilities of each party, and participate in a community public meeting, **Commitments or agreements are required for all project participants.**

YES NO

*Upload/attach documentation letter of commitment.

Project Information

***Project Name:**

***Brief Project Description (Max 500 Words):**

***Legislative District (1-49):**

***Congressional District (1-10):**

***Project County**

Description of the level of interest and expected level of participation of each public water system participating in the proposed consolidation activity.

Description of the final outcome of consolidation activities if the proposed activities and objectives were actually implemented and achieved.

***Does this project address a compliance issue in a department issued correspondence?**

YES NO

***If YES, what issue(s)?**

Compliance Order

Boil Water Advisory

Sanitary Survey Finding

Other

***If Other, please describe:**

****Upload Department Issued Compliance Document(s)***

***Exceeding a maximum contaminant level (MCL), secondary MCL, or action level or within 80% of nitrate or arsenic MCL?**

YES NO

***If YES, what type of contaminant(s)?**

Arsenic (As)

Copper (Cu)

Iron (Fe)

Manganese (Mn)

Lead (Pb)

Nitrate (as N)

Disinfection by-products

Radionuclides

Organic chemicals

Total Coliform

PFAS compounds (PFOA, PFOS, PFHxS, PFNA, PFBS)

Other

***If Other, please describe:**

***Treatment technique issue?**

YES NO

***If YES, select rule(s):**

Ground Water Rule

Revised Total Coliform Rule

Surface Water Treatment Rule

Other

***If other treatment technique issues, please describe:**

***Water system planning status?**

***Select one:**

- WSP is approved by DOH and has not expired
- WSP was approved by DOH, but is expired
- SWSMP approved by DOH
- no current planning document
- Other

***If other, please describe:**

***Type of consolidation activity?**

***Select all that apply:**

- Feasibility Study
- Connection Fee
- Rate Study
- Income Survey
- Planning document
- Other (legal, hydrogeologist, water right review, etc.)

***If other, please describe:**

List the system(s) participating in this project.		
If uncertain, check Sentry Internet.		
Name:	PWSID #:	
Name:	PWSID #:	
Name:	PWSID #:	
Name:	PWSID #:	
Name:	PWSID #:	
Name:	PWSID #:	
Name:	PWSID #:	
Name:	PWSID #:	
Name:	PWSID #:	

Financial Information

***Project Budget (Enter date and amount for each activity included in your budget. If not listed, add below.)**

Activity	Date (Estimated)	Loan Request (Costs) Amount	
Engineering Report (preliminary engineering)	Click here to enter a date.		
Environmental Review	Click here to enter a date.		
Cultural Review	Click here to enter a date.		
Land/Right-of-Way Acquisition	Click here to enter a date.		
Permits	Click here to enter a date.		
Public Involvement/Information	Click here to enter a date.		
Bid Documents (design engineering)	Click here to enter a date.		
DOH Review/Approval Fees	Click here to enter a date.		
WSP/SWSMP/Amendment	Click here to enter a date.		
Feasibility Study	Click here to enter a date.		
Connection Fees	Click here to enter a date.		
Income Survey	Click here to enter a date.		
		Subtotal	
Other (describe):	Click here to enter a date.		
Other (describe):	Click here to enter a date.		
Other (describe):	Click here to enter a date.		
		Subtotal	
		Funding Request Total	

***Attachment Checklist:**

Other

Other Documentation Comments:

Appendix B—Example Scope of Work

SOW Example #1—Perform feasibility study

<p>Project Tasks</p>	<p>The water system to remain will take the lead to conduct administrative, legal, and engineering preconstruction work to facilitate the consolidation of the above noted water system customers into the remaining water system. Such work may include:</p> <ul style="list-style-type: none"> ◆ Determining water demands and assessing existing infrastructure for each consolidation candidates. ◆ Developing conceptual design and cost estimates for infrastructure improvements. ◆ Propose a funding plan or cost sharing approach, may include forming a Utility Local Improvement District and a Drinking Water State Revolving Loan Fund application. ◆ Prepare a financial evaluation of future replacement cost and operations, if the system were to remain independent. ◆ Prepare draft feasibility study for DOH review. ◆ Present information to the water systems at a public meeting for public comment. ◆ Produce final feasibility study incorporating DOH and public comments.
<p>Deliverables</p>	<ol style="list-style-type: none"> 1. Draft feasibility study. Due December 31, 2022. 2. Meeting minutes from public meeting. Due March 1, 2023. 3. Final feasibility study. Due June 1, 2023.
<p>Payment</p>	<ol style="list-style-type: none"> 1. DOH will reimburse the water system based on invoices (monthly or bimonthly) for costs described above. The water system and its contractor must track and maintain records of expenditures. 2. Total reimbursement for allowable costs may not exceed \$50,000

SOW Example #2—Payment of connection fees

Project Tasks	The district will connect XYZ mobile home park (PWS ID 00000Z) and the ABC industrial park (PWS ID 00000A) to its distribution system.
Deliverables	<ol style="list-style-type: none">1. Documentation that the two service connections were completed, and the wells supplying the mobile home park and industrial park have been physically disconnected from the potable water system. Due November 1, 2022.2. Invoices for material (pipe and meter) and connection fee charges. Due December 1, 2022.
Payment	<ol style="list-style-type: none">1. DOH will reimburse the district for its water facilities development charges and material costs for the connection (meter and pipe).2. DOH will not reimburse the district for any actual construction-related costs, such as trenching, pavement cutting, pavement restoration, traffic control, and taxes associated with construction.3. Total reimbursement for allowable costs may not exceed \$25,000

SOW Example #3—Feasibility Study/Water System Plan Amendment Completed in Phases

Phase 1 Scope of Work: At a minimum, the scope of work for the feasibility study shall include the following elements.

1. Summarize the approved number of connections, the limiting factor(s) in determining the approved number of connections, and current water facilities inventory information for each of the seven water systems named above.
2. Identify the combined estimated cost to continue to operate and maintain the seven water systems named above, including regulatory costs. Such costs shall include source and distribution system monitoring requirements; operator certification and cross connection control personnel; treatment costs necessary to achieve and maintain compliance (e.g., nitrate); electrical power; existing total debt and annual debt repayment costs; and an allowance for repair and replacement.
3. Identify the future service area of the integrated single system.
4. Identify water rights held by each of the seven named water systems.
5. Identify which systems are capable of delivering the minimum needed fire flow and duration, as established by the local fire authority.
6. Identify major new infrastructure components, such as source(s), storage reservoir(s), booster pump station(s), and/or transmission lines necessary to provide safe and reliable water service throughout the consolidated service area in conformance with local ordinances and with chapter 246-290 WAC, including the facilities' approximate location and size/capacity.
7. Prepare a map suitably sized for public display of the proposed consolidated service area and the approximate location and size/capacity of the consolidated system's major infrastructure components.
8. Identify financing options to construct the needed infrastructure identified above, including funding sources, funders' criteria for loan/grant, projected interest rate, application requirements, and loan/grant approval timeframe.
9. Identify the total estimated cost (annualized, per connection) to operate and maintain the proposed consolidated water system and compare with the combined estimated costs to continue to operate these seven systems separately.
10. Describe the legal processes and requirements that must be followed to permit consolidation of the seven public water systems, including (as applicable) water right transfer, obtaining property easements, amending the Coordination Act service area boundaries, and service meters.
11. Lead public meeting with the affected service population, present the findings and recommendations of the feasibility study, and provide a copy of the minutes of the community meeting.

Deliverable: Compile the above information into a feasibility study acceptable to DOH.

Due date: July 1, 2022.

Payment: For completion of Phase 1, total reimbursement for allowable costs not to exceed \$19,500.

Phase 2 Scope of Work: Water System Plan Amendment.

If the feasibility study concludes that consolidation of two or more systems is feasible, and if DOH and the administrative leaders of each of the same two or more water systems concur, then this contract provides for the preparation of a water system plan amendment for the proposed consolidated water system. Prior to proceeding with preparation of a water system plan amendment, the district must receive written authorization from DOH. It is expected that much of the information generated in the feasibility study (Task 1) will be included in the amendment.

Scope of Work: Prepare a water system plan amendment, meeting the minimum requirements of WAC 246-290-100. The district and the district's engineering consultant shall participate in a pre-planning conference with DOH prior to developing a water system plan amendment.

1. Prepare and submit to DOH an electronic copy of the draft water system plan amendment within 60 days of receiving written authorization to proceed from DOH. If there are any comments on the draft water system plan amendment, an electronic copy of the revised document addressing each of the comments shall be submitted to DOH within 60 days of the date of the comment letter.

Deliverable: A water system plan amendment meeting all approval requirements.

Due date: November 11, 2022 (second submittal, if necessary).

Payment: For completion of Phase 2, total reimbursement for allowable costs not to exceed \$10,000.