



Division of Environmental Health
Office of Drinking Water

Help

Individual System View - EVERGREEN VALLEY WATER SYSTEM - Water System Id - 02150

Compliance Actions		Operating Permits		Operators		Reports		Water Use Efficiency	
General Information		Source Information		Samples		Exceedances		Water Quality Monitoring Schedule	
Group	A	Status	Active	Ownership Type	Investor				
Type	Community	Residential Population	35	Jurisdiction	WA DOH ODW				
County	KITTITAS	NonResidential Population	5	System Effective Date	3/2/2004				
Owner Name	EVERGREEN VALLEY WATER SYSTEM	Total Calculated Connections	245	System Inactive Date					
Primary Contact	Mark Nelson	Total Approved Connections	411	SMA Name	Evergreen Valley Utilities				
Primary Contact Phone	(509) 674-9642	Distribution Capacity (gallons)	120,000	SMA Number	149				
Water System Mailing Address	PO Box 394 Cle Elum, WA 98922								

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[DOH Home](#) | [Community and Environment](#) | [Drinking Water Home](#) | [Drinking Water Contacts](#)
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Department of Health, Office of Drinking Water

Street Address:
243 Israel Road S.E. 2nd floor
Tumwater, WA 98501

Mail:
PO BOX 47822
Olympia, WA 98504-7822

RECEIVED
APR 24 2018

Kittitas Co. CDS

Send inquiries about DOH and its programs to the [Health Consumer Assistance Office](#)
 Comments or questions regarding this Web site? Send email to [Environmental Health Application Testing and Support](#) or call 888-457-2467.

For technical issues with this website send email to DOH IT Service Desk or call 360-236-4357.

STATE OF WASHINGTON
Public Water System
Operating Permit

The Department of Health Office of Drinking Water issues a permit to operate:

EVERGREEN VALLEY WATER SYSTEM (ID# 02150 J)

to owner: **Evergreen Valley Water System Inc. County: KITTITAS**

┌ Evergreen Valley Water System Inc. ┐
└ PO Box 808 ┘
└ Cle Elum, WA 98922 ┘

This Permit is valid through: **August 2018**

PERMIT CATEGORY: ** Green ******

The permit category may be modified or the permit revoked subject to water system compliance with applicable State of Washington drinking water rules and regulations and the following statements.

The system operating permit color category is based on information on file with the Department at the time this permit was printed.

System is substantially in compliance with applicable drinking water requirements.





STATE OF WASHINGTON
DEPARTMENT OF HEALTH
EASTERN DRINKING WATER REGIONAL OPERATIONS
16201 E Indiana Avenue, Suite 1500, Spokane Valley, Washington 99216-2830
TDD Relay 1-800-833-6388

April 2, 2014

Mark Nelson
Evergreen Valley Water System
PO Box 394
Cle Elum, WA 98922

Subject: Evergreen Valley Water System; PWS ID #02150; Kittitas County
Water System Plan; Submittal #13-0306; **DOH Approval**

Dear Mr. Nelson:

The Evergreen Valley Water System Water System Plan (WSP) received in this office on March 11, 2013, with revisions on December 11, 2013, March 11, 2014, and March 28, 2013, has been reviewed and in accordance with the provisions of WAC 246-290-100 is hereby **APPROVED**.

An approved update of this WSP is required **on or before April 2, 2020**, unless the Department of Health (DOH) requests an update or plan amendment pursuant to Washington Administrative Code (WAC) 246-290-100(9). Approval of this WSP is valid as it related to current standards outlined in WAC 246-290 revised November 2010, WAC 246-293 revised September 1997, and Revised Code of Washington (RCW) 70.116, and is subject to the qualifications herein. Future revisions in the rules and statutes may be more stringent and require facility modification or corrective action.

This approval does not provide any guarantee and should not be considered to provide any guarantee concerning legal use of water or any subsequent water rights decisions by the Department of Ecology. A copy of the Department of Ecology's letter dated January 14, 2014, regarding your water rights is enclosed. This approval does not affect any uncertainties regarding your water rights or the resolution of those uncertainties. Depending on the resolution of the uncertainties, further planning or other action may be necessary.

Pursuant to RCW 90.03.386(2), the "Water Right Place of Use" identified on the Certificate of Water Right Place of Use map in Chapter 1 now represents "place of use" for this system's water rights. Future changes in service area should be made through a WSP amendment or update.

Evergreen Valley Water System has a duty to provide new water service within its retail service area. This WSP includes service policies to describe how your system plans to provide new service within your retail service area.

The Water System Plan (WSP) estimates current water usage for single-family residential connections to be an average day demand (ADD) of 165 gallons per day and a maximum day

demand (MDD) of 330 gallons per day, with future flow rates of 260 and 520 gallons per day per equivalent residential unit (ERU), respectively. The WSP shows the overall water system can serve 431 total ERUs under current usage conditions.

This WSP includes capacity information that demonstrates the physical and legal ability of this water system to provide water during the six-year period for which the approval of the WSP is valid. Based on the analysis presented in the WSP, the limiting factor in determining the approved number of connections is the **storage capacity**.

The number of approved connections is based upon Worksheet 6-1 that was included in your WSP and the current Water Facilities Inventory (WFI), assuming all new connections are single family connections:

<u>From Worksheet 6-1</u>	
Water System Capacity:	431 ERUs (limiting component is storage capacity)
Total Existing ERUs:	- <u>221 ERUs</u> (based on 201 current connections)
Available ERUs:	210 ERUs

<u>From WFI</u>	
Existing number of active service connections (from WFI):	201
Available connections (= Available ERUs):	+ <u>210</u>
Approved number of connections:	411 connections

Accordingly, the approved number of connections that will be reflected on the Water Facilities Inventory (WFI) form is 411, which is a decrease of 8 connections compared to previous approval.

Please note the following:

- The effect of distribution system leakage (DSL) is 11 ERUs. Eliminating just half of the current DSL would give back 5 or 6 ERUs or connections.
- With the next limiting factors being Distribution and Transmission, both with a limit of 549 ERUs, you have considerable capacity beyond the storage limit. By providing some additional storage (or eliminating some DSL), it is straightforward for you to gain additional connections without facing another capacity limit.

The capacity of the system will need to be reviewed in the future, because future water usage may reflect larger ADD and MDD values than given above, as presented in the WSP.

Evergreen Valley Water System is responsible for permitting new service connections in a matter consistent with the water system plan so that the physical capacity and water right limitations are not exceeded. As new water services are requested, the Evergreen Valley Water System must evaluate each connection for the expected water demands and adjust the remaining connection allowance. The water system should keep an updated list that compares the overall

Mark Nelson
April 2, 2014
Page 3

ERUs expended against the overall number of connections placed into service. This will allow a better estimate of the system's adequacy.

Standard Construction Specifications for distribution main extensions in this WSP are approved. Consistent with WAC 246-290-125(2), this system may proceed with the installation of distribution main extensions provided this system completes and keeps on file the enclosed construction completion report form in accordance with WAC 246-290-125(2) and WAC 246-290-120(5) and makes it available for review upon request by DOH.

Submittal of the WSP included a local government consistency determination from Kittitas County. This WSP meets local government consistency requirements for WSP approval pursuant to RCW 43.20 for this entity.

Evergreen Valley Water System is located within the Upper Yakima Watershed (WRIA #39). The Department of Ecology determined that this WSP is not inconsistent with an approved watershed plan adopted under Chapters 90.82 or 90.54 RCW.

Thank you for your cooperation. DOH recognizes the significant effort and resource commitment involved in the preparation of this WSP. If you have questions or wish to check our records, please contact either of us at (509) 329-2116 or (509) 329-2137, respectively.

Sincerely;



Russell Mau, PhD, PE
Regional Engineer
Office of Drinking Water
Division of Environmental Public Health



Brian A. Sayers
Regional Planner
Office of Drinking Water
Division of Environmental Public Health

Enclosures: Department of Ecology letter
Construction Completion Report

cc: Kittitas County Public Health
Kittitas County Community Development Services
Utilities and Transportation Commission
Nathaniel Nofziger, PE, Western Pacific Engineering & Survey, Inc.
Dave Holland, Department of Ecology, Central Regional Office
George Simon, DOH Regional Compliance Program Director
Katrina Anderson, DOH WFI Coordinator



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

15 W Yakima Ave, Ste 200 • Yakima, WA 98902-3452 • (509) 575-2490

January 14, 2014

Mark Nelson
Evergreen Valley Utilities
PO Box 394
Cle Elum WA 98922-0394

COPY

Received
JAN 16 2014
Department of Health
Eastern Regional Office

Heather Cannon
Department of Health
16201 E Indiana Avenue, Suite 1500
Spokane Valley WA 99216-2836

Subject: Evergreen Valley Water System Plan Review

Thank you for the opportunity to review the draft Water System Plan (WSP) for Evergreen Valley Utilities. Based on my review:

- There is no watershed plan for Kittitas County completed under 90.82 RCW. The Evergreen Valley Utilities WSP is "not inconsistent" with an approved watershed plan adopted under 90.82 RCW or 90.54 RCW.
- The water supply for the projected growth until 2032 is adequate based on the assumptions in the WSP. The water supply is based on LCU Inc's certificate CG3-21798C@1 which allows for a Qi of 500 gpm and a Qa of 169 acre-feet/year. The self-assessment projected a Qa demand of 166.9 acre-feet/year by 2032.

Ecology recommends approval of the water system plan.

Ecology received a letter requesting an extension of the development schedule until January 1, 2014. An updated development schedule needs to be submitted that conforms to the updated water system plan.

Please contact me if you have any questions at (509) 457-7112.

Sincerely,

David Holland,
Environmental Planner
Department of Ecology
Central Regional Office

DH:SP:hd
140110



CONSTRUCTION COMPLETION REPORT FOR DISTRIBUTION MAIN PROJECTS

In accordance with WAC 246-290-120(5), a *Construction Completion Report* is required for all construction projects. Under the submittal exception process for distribution main projects, designed by a professional engineer but not submitted to DOH for approval, the report does not need to be submitted. **However, the purveyor must keep the Construction Completion Report on file and make it available for review upon request by DOH in accordance with WAC 246-290-125 (2)(b).** Furthermore:

- (1) The report form **must** bear the seal, date and signature of a professional engineer (PE) licensed in the state of Washington; and
- (2) Per WAC 246-290-120(5)(c), the amount of change in the physical capacity of a system must be documented, if the project results in a change in physical capacity.

Please type or print legibly in ink:

Name of Water System

DOH System ID No.: _____

Name of Purveyor (Owner or System Contact)

Date Water System Plan that includes
Standard Construction Specifications
Approved by DOH: _____

Mailing Address

City

State

Zip

PROJECT NAME AND DESCRIPTIVE TITLE:
(Include the name of any development project and number
of services.)

Date Project or Portions Thereof Completed

Professional Engineer's Acknowledgment

The undersigned professional engineer (PE), or his/her authorized agent, has inspected the above-described project that, as to layout, size and type of pipe, valves and materials, and other designed physical facilities, has been constructed and is substantially completed in accordance with construction documents reviewed by the purveyor's engineer. In the opinion of the undersigned engineer, the installation, physical testing procedures, water quality tests, and disinfection practices were carried out in accordance with state regulations and principles of standard engineering practice.

I have reviewed the disinfection procedures, pressure test results, and results of the bacteriological test(s) for this project and certify that they comply with the requirements of the construction standards/specifications approved by DOH.

Engineer's Seal

Engineer's Signature

Date



STATE OF WASHINGTON

DEPARTMENT OF HEALTH

OFFICE OF ENVIRONMENTAL HEALTH AND SAFETY

243 Israel Road SE • PO Box 47824 • Olympia, Washington 98504-7824
(360) 236-3330 • TTY Relay Service: 1-800-525-0127 (TTY 711)

LARGE ON-SITE SEWAGE SYSTEM OPERATING PERMIT

March 28, 2018

Dear LOSS Owner:

Enclosed is your large on-site sewage system **annual operating permit**. Your operating permit is valid from April 1, 2018 to March 31, 2019.

Please do the following **immediately upon receipt**:

- Read the permit standard requirements (page 2)
- Read the system specific permit conditions (page 3 and 4)
- Give your operator a copy of the permit.

Also enclosed is a **generic maintenance and monitoring report form**. Your next report shall cover February 1, 2018 to January 31, 2019. Provide this form (or a form specific to your system covering a **minimum** of the same information) and a copy of your current permit to your operator. This will tell them what maintenance must be done and recorded. Your operator must sign the completed report. It must be completed and submitted with your permit renewal application and fee by March 1, 2019.

Reminders

- You must report to us within 30 days if you change operators.
- You must report to us any change in ownership **at least 30 days prior** to the change.
- You must report to us any failure within one business day.

If you have questions, please contact us at 360-236-3330 or wastewatergmt@doh.wa.gov.

Sincerely,

Laura Homan
LOSS Compliance Manager

Enclosures

Print Date: **March 26, 2018**
Effective Date: **April 01, 2018**
Expiration Date: **March 31, 2019**

Large On-site Sewage System (LOSS) OPERATING PERMIT

Issued by:
STATE OF WASHINGTON DEPARTMENT OF HEALTH
Office of Environmental Health & Safety
Olympia, Washington

In compliance with the provisions of
Chapter 70.118B Revised Code of Washington, Large on-site sewage disposal systems,
and
Chapter 246-272B Washington Administrative Code

Authorizes
LCU, Inc
PO Box 394
Cle Elum, Washington 98922

To operate your LOSS in accordance with the standard and special conditions that follow:

System Name	Roslyn Ridge Community Sewer
System ID	KTT011
Peak Design Capacity	14500 gallons per day
County Name	Kittitas County Health Department
System Location	154-332 Vinegar Bend Rd, Cle Elum, Washington 98922
System Status	Active
Treatment Description	Pressure Distribution



A handwritten signature in black ink, appearing to read 'R F Porso'.

Rick F. Porso, RS, REHS
Director, Office of Environmental Health & Safety
Washington State Department of Health

SYSTEM SPECIFIC PERMIT CONDITIONS

No System Specific Permit Conditions – see page 4 for Monitoring Requirements



LOSS Annual Maintenance and Monitoring Report

List operating problems, repairs, and replacements on the back.

System Information: Permit Number: _____ System Name: _____

System Component / Maintenance Task	Minimum Frequency	Insert date or measurement when task is completed											
		Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019
Sewage Tanks													
Measure and Record Sludge Level	Semi-Annual												
Measure and Record Scum Level	Semi-Annual												
Remove Sludge from Tanks	As Needed												
Check / Clean Effluent Filters	Semi-Annual												
Check Inlets / Outlets	Semi-Annual												
Pump and Pump Chamber													
Visual Inspection	Monthly												
Check / Clean Screen(s)	Semi-Annual												
Test / Run Pumps	Semi-Annual												
Check Float Switch Operation	Semi-Annual												
Pump Controls and Electrical Panel													
Manually Operate Controls	Semi-Annual												
Check for Moisture & Corrosion	Semi-Annual												
Test Alarm(s)	Semi-Annual												
Drainfields													
Inspect Monitor Ports	Monthly												
Inspect Drainfields for Ponding; Mow Grass & Remove Brush	Monthly												
Inspect and Exercise Valves	Semi-Annual												
Rotate Drainfield Sectors	Semi-Annual												
Average Daily Flows (gpd) →													
	Monthly												

I hereby certify that the information on this form is true, complete, and accurate.

System Operator (Print): _____

System Operator's Signature: _____

Mail signed original with renewal application, fee, and other required paperwork. Keep a copy for your records for a minimum of three (3) years.

Company/Title: _____

DATE: _____



LOSS Annual Maintenance and Monitoring Report FAQ Sheet

All owners are required to submit an annual maintenance and monitoring report with their annual operating permit renewal application, and permit fee. We expect you to perform, and report on, all maintenance and monitoring listed in your Department of Health-approved Operation and Maintenance (O&M) Manual, Monitoring and Reporting Plan, and operating permit.

This form was developed for the most common treatment system components: septic tank, pump chamber, pressure drainfield. It may not cover the scope of the O&M activities for your LOSS or reporting required in your operating permit. Also, list significant repairs or replacements you accomplished during your reporting cycle and any operating problems.

Do I have to use the DOH form?

No. You can create your own form to report the basic monitoring and maintenance your system needs through the year. You must report on items required in your current operating permit, as well as describe any operating problems; and repairs and replacements.

Who may complete this form?

The owner or your operator may complete this form, but it must be signed by your LOSS operator or your O&M provider. **The permit renewal application must be signed by the owner.**

How do I calculate and report Average Daily Flows?

This should be included in your O&M manual or you can check with your design engineer. DOH also has information on our website. For guidance using a

Dose Counter: <http://www.doh.wa.gov/Portals/1/Documents/Pubs/337-118.pdf> or

Elapsed Time Meter: <http://www.doh.wa.gov/Portals/1/Documents/Pubs/337-119.pdf>.

To fill out this form on the computer:

This form can be found at <http://www.doh.wa.gov/Portals/1/Documents/Pubs/337-049-Q1.doc>

Before you begin filling in the form, be sure and save it. **If you close the form without saving it to your computer, your changes will be lost.** Be sure to report average daily flow data in gallons per day (gpd). Once you are finished, save, print, and sign the completed form. You will want to keep a copy for your records.

Scan and email, or mail the original signed form with your annual operating permit renewal application, renewal fee, and all other required documents as instructed on the renewal application and in your operating permit.

Can I submit this form electronically?

No, not directly, this form requires an original signature. You can scan and email it, or mail this together with your other operating permit renewal paperwork.

Whom do I contact if I have questions?

Washington State Department of Health
Office of Environmental Health & Safety
Wastewater Management Section
LOSS Program

Phone: 360-236-3330
E-mail: wastewatermgmt@doh.wa.gov
Web: www.doh.wa.gov/LOSS