



STATE OF WASHINGTON
DEPARTMENT OF HEALTH
EASTERN DRINKING WATER REGIONAL OPERATIONS
16201 E Indiana Avenue, Suite 1500, Spokane Valley, Washington 99216-2830
(509) 329-2100 • 711 Washington Relay Service

July 22, 2022

Sean Northrop
Trailside Homes
PO Box 1829
Issaquah, WA 98027

Subject: Skyline Ridge; PWS ID #AE053; Kittitas County
Water System Plan; DOH Project #22-0108; **DOH Approval**

Dear Mr. Northrop:

The Skyline Ridge Water System Plan (WSP) received in this office on January 12, 2022, with revisions submitted on June 15, 2022, has been reviewed and in accordance with the provisions of WAC 246-290-100, is hereby **APPROVED**.

An approved update of this WSP may be required **on or before July 22, 2032**; the Department of Health (DOH) may request an update or plan amendment pursuant to WAC 246-290-100(9). Approval of this WSP is valid as it relates to current standards outlined in Washington Administrative Code (WAC) 246-290, revised January 2017, 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.

Standard Construction Specifications for distribution main extensions have been approved as part of this WSP. With this approval and consistent with WAC 246-290-125(2), the water system may proceed with the installation of distribution main extensions without additional DOH approval provided that the district maintains on file completed construction completion reports (a copy of which is attached) in accordance with WAC 246-290-125(2) and makes them available for review upon request by DOH.

Disclaimer: The department's approval of your Water System Plan does not confer or guarantee any right to a specific quantity of water. The approved number of service connections is based on your representation of available water quantity. If the Washington Department of Ecology, a local planning agency, or other authority responsible for determining water rights and water system adequacy determines that you have use of less water than you represented, the number of approved connections may be reduced commensurate with the actual amount of water and your legal right to use it.

For planning level water usage, water usage for current, single-family residential connections corresponds to an average day demand (ADD) of 300 gallons per day and a maximum day demand (MDD) of 1,200 gallons per day. The overall water system plans to serve 162 total connections: 159 residential homes and three community connections consisting of two clubhouses (including on-site irrigation that needs to be constrained to off hours, between 10 pm and 6 am) and one pool, whose total water usage corresponds to 177 equivalent residential units (ERUs), which includes distribution system leakage that consists of three ERUs.

This Water System Plan (WSP) includes capacity information that demonstrates the physical and legal ability of this water system to provide water during the 10-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 **Qa, Annual Water Rights**.

The number of approved connections is based upon information in your WSP:

From WSP

Water System Capacity:	180 ERUs (limiting component is Qa, Annual Water Rights)
Total Planned ERUs:	- <u>177 ERUs</u> (based on 162 planned connections + DSL)
Available ERUs:	3 ERUs

Existing number of planned service connections:	162
Available connections (=ERUs) *:	<u>3</u>
Approved number of connections:	165 connections

* Assumes all new connections are single family connections.

Accordingly, the approved number of connections that will be reflected on the Water Facilities Inventory (WFI) form is **165** (will be shown on the WFI following receipt of Construction Completion Report Form attesting to installation of requisite water system infrastructure).

The Skyline Ridge water system is responsible for permitting new service connections in a manner 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 Skyline Ridge 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 ERUs expended against the overall number of connections placed into service. This will allow a better estimate of the system's adequacy.

Pursuant to RCW 90.03.386(2), the "Retail and General Service Area Boundary" identified on Figure U1, *Distribution Map & Service Area* in the WSP, 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.

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The Skyline Ridge 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.

Submittal of the WSP included local government consistency determinations from Kittitas County. This WSP meets local government consistency requirements for WSP approval pursuant to RCW 43.20 for these entities.

The Skyline Ridge water system is located within Upper Yakima WRIA #39. Department of Ecology has not determined whether the WSP was not inconsistent with an approved watershed plan. DOH encourages the water system to contact Ecology regarding this matter.

Thank you for your cooperation. DOH recognizes the significant effort and resource commitment involved in the preparation of this WSP. If you have any comments or questions concerning our review, please contact either of us at (509) 329-2116, russell.mau@doh.wa.gov or (509) 329-2122, brenda.smits@doh.wa.gov, respectively.

Sincerely,



Russell E. Mau, PhD, P.E.
Regional Engineer
Office of Drinking Water
Division of Environmental Public Health



Brenda Smits
Regional Planner
Office of Drinking Water
Division of Environmental Public Health

Enclosures: Construction Completion Form

cc: Kittitas County Health Department
Kittitas County Planning Department
Lydia Bower, PE, Northwest Water Systems
Chris Kossik, Department of Ecology, Central Regional Office
Katrina McLaughlin, DOH Compliance Program Manager
Sarita Preuss, DOH Regional Specialist
Scott Mallery, PE, DOH Assistant Regional Manager