

Appendix R

DOH REVIEW CORRESPONDENCE



STATE OF WASHINGTON

DEPARTMENT OF HEALTH

20435 72nd Ave. S., Suite 200, K17-12 • Kent, Washington 98032 -2358

June 21, 2002

KARL MAJERLE
CITY OF GOLD BAR
107 5TH STREET
GOLD BAR WA 98251

RE: Gold Bar Water System ID #28300
Snohomish County
Water System Plan, Submittal #02-0327

Dear Karl:

Thank you for submitting the draft Water System Plan for the Gold Bar Water System received in this office on March 26, 2002. We have the following comments, which must be addressed before we can issue a final approval of the plan.

Description of Water System

1. **Service Area.** We understand that Gold Bar recently revised its Service Area agreement within the CWSP process. Please include a copy of the Service Area agreement in the revised WSP. Also, a key or legend would be helpful in reading the map in Figure 1-2.
2. **Service Area/UGA inconsistency.** Figure 1-2 is inconsistent with the statement made on p. 7-2: "Service areas should not extend beyond established urban growth boundaries." The figure shows the urban growth area (UGA) as considerably smaller than the proposed future service area. Also, it appears that a portion of Gold Bar's UGA is in the PUD's May Creek's service area. Will the PUD continue to serve that area after it is annexed to the City of Gold Bar?

Basic Planning Data and Water Demand Forecasting

3. There is an internal inconsistency between the statement made on page 1-4 that full build-out capacity of the UGA is 2,750 and Table 2-3, Population Projections, which projects continuous growth at 7% per annum. It does not appear that the City has sufficient vacant developable lands in its current and future jurisdiction to provide for the growth projected in Table 2-3. Please project population growth based on developable lands within the Service Area, and re-calculate water demand projections as appropriate. Since the May Creek development is included in the UGA, but is not in the Service Area, the population of this development should not be included in projecting future water demand.
4. Water usage for 2000 was lower than in preceding years, as shown in Table 2-2. Can you account for this? Section 2.7 uses the 2000 water demand for forecasting demand. It would be more appropriate to use a 3 or 5-year average of water demand as the basis for future projections, rather than basing demand projections on the data from a single year, unless there is justification for doing so.



12. The intertie agreement with the May Creek system (PUD) expired in 1995. The WSP identifies the intertie for emergency use. WAC 246-290-132 (4)(a) requires that an emergency use intertie have an agreement between the purveyors. Please include your schedule for updating this agreement.

Operation and Maintenance

13. Please add a schedule to Table 6-1 for inspecting and cleaning the tanks.
14. The asbestos monitoring schedule needs to be corrected in Table 6-2. Gold Bar is not eligible for a waiver. The most recent sample for asbestos was collected on June 4, 1999. The next sample is due in 2008.
15. Operators at Gold Bar and PUD need to familiarize themselves with the operation and procedures for using the intertie with May Creek. Both purveyors should strategize in advance about scenarios for use of this intertie. For example, should operators be prepared to open the intertie for a one-day outage? If not, what would be the reasons for not using it? Is this intertie really only reserved for extended water shortages?
16. The DOH main phone number and after hours phone number should be added to Table 6-3, Emergency Reference Call Up List. The main telephone number for the NWRO is (253) 395-6750. The after hours emergency number is (877) 481-4901.

Distribution Facilities and Construction Standards

17. The enclosed Construction Completion Report for Distribution Main Projects should be kept in Gold Bar's files for each water line extension. Gold Bar may want to specify this in Section 7.1 and include a copy of the form for reference.
18. The standby storage sizing criteria described in section 7.3.1.B (one MDD at 30 psi) is inconsistent with criteria for standby storage stated in other chapters (2 days ADD at 20 psi). You may want to correct this inconsistency.

General

19. Has the meeting of customers occurred, or is this planned for a future date?
20. Has the plan been reviewed by Snohomish County Planning, Snohomish Health and adjacent purveyors, including the PUD?

We hope that you have found these comments to be clear, constructive and helpful in the development of your revised WSP. We ask that you submit the revised WSP on or before **September 21, 2002**. In order to expedite the review of your revised submittal, please include a cover letter summarizing how each of the above comments was addressed in the revised WSP and where each response is located (i.e., page numbers, Appendices, etc.)

Regulations establishing a schedule for fees for review of planning, engineering and construction documents have been adopted (WAC 246-290-990). Please note that we have included an invoice in the amount of \$2,070 for the review of the Water System Plan. This fee covers our cost for review of the initial submittal, plus the review of one revised document. Please remit your complete payment in the form of a check or money order within thirty days of the date of this letter to: **DOH, Revenue Section, P.O. Box 1099, Olympia, WA 98507-1099.**



#01-25-101

STATE OF WASHINGTON
DEPARTMENT OF HEALTH

March 28, 2002 20435 72nd Ave. S., Suite 200, K17-12 • Kent, Washington 98032-2358

Dan Swenson
Department of Ecology
Northwest Regional Office
3190 – 160th Avenue SE
Bellevue, WA 98008-5452

RE: City of Gold Bar Water System, ID# 28300
Snohomish County
Water System Plan
Submittal #02-0327

Dear Dan:

Attached please find a copy of the above referenced document. Consistent with the memorandum of understanding between Health and Ecology regarding joint review and approval of water system plans and water right permits, this plan is being forwarded to your office for review and comment. Please review this document specifically in reference to the identified need to obtain incremental source of supply within the current 10-year period. Comments should be focused on two chapters: System Analysis (Water Resources section), and Capital Improvements as defined in Health's Planning Handbook. These chapters should include a review of water use in relation to the water rights held by the system, and identify proposed system improvements, which may require additional water rights. Comments on other chapters are welcome, but concurrence from Ecology on other chapters is not required.

Please provide written comments by **May 28, 2002**. Comments on the WSP will be forwarded on to the applicant for their consideration. Any changes to the WSP regarding water rights will be forwarded to your office for review.

If no response is received by the comment deadline, concurrence of Ecology with Health's determination of acceptability of compliance with all of these items will be assumed. Please mail comments to:

NW Drinking Water Operations
Attn: Linda Scott
20435 72nd Ave S Suite 200
Kent, WA. 98032-2358

If you have questions, please contact me at (253) 395-6770. Thanks for your assistance and input.

Sincerely,

Linda Scott
Regional Planner
NW Drinking Water Operations

cc: Karen Heneghan, DOH
Larry M. Cordes, P.E., Hammond Collier Wade Livingstone

