



9 January 2020

William Hickey
 Riverbend Landfill
 7227 NE 55th Avenue
 Portland Oregon 97218

Re: **Newberg Transfer Station – WS # 06284**
Old Well – PR # 165-2019
Conditional Approval

Dear Mr. Hickey:

Thank you for your submittal to the Oregon Health Authority’s Drinking Water Services (DWS) of plan review information on the existing well at Newberg Transfer Station. On 16 October 2019, our office received plans, water quality monitoring results, a plan review fee of \$825, and a description of the water system. A well log (Yamh 319) was also received a month later after it was discovered.

A DWS hydrogeologist reviewed the existing well that was drilled in May 1980. He noted that the well draws water from a deep confined sand aquifer, and that neither the well nor the aquifer are highly sensitive to nearby potential contaminant sources.

The plans are approved with the following conditions {unless otherwise noted, rule references are from [OAR 333-061-0050...](#) }:

- | | |
|--|------------------------|
| 1. Assure casing extends 12” above the slab. | (2)(a)(F) |
| 2. Assure watertight sanitary seal exists on wellhead. | (2)(a)(K)(ii) |
| 3. Assure the concrete slab & ground slopes away from the well. | (2)(a)(K)(viii) & (ix) |
| 4. Well casing should extend 12” above the concrete slab. | (2)(a)(K)(x) |
| 5. Assure casing vent is downturned and screened. | (2)(a)(K)(iii) |
| 6. Assure provision is made for measuring total output of each well. | (2)(a)(K)(vii) |
| 7. Assure total output of the well can be pumped to waste. | (2)(a)(K)(vi) |
| 8. The wellhouse must be constructed to remove the well pump. | (2)(a)(K)(xii) |
| 9. The wellhouse must be heated and lit. | (2)(a)(K)(xi) |

However, if the well is equipped with a pitless adaptor, you may ignore items 3 and 4.

Additionally,

- Due to the arsenic MCL exceedance in the December 2019 sample, arsenic samples are required every quarter in 2020. Arsenic results will be reviewed in one year to determine whether to add treatment or change the monitoring frequency.
- Otherwise continue sampling and reporting:
 - annual nitrate samples from the entry point of the water system – that is, at the first tap after treatment.
 - quarterly coliform samples from anywhere in the distribution system.
- Review Newberg T. S. monitoring schedule on Data Online at yourwater.oregon.gov

Until we receive verification that the project was completed with the conditions listed above and we have granted Final Approval for the project, the well is not approved for use. Documentation demonstrating how the above conditions were met should reference Plan Review #165-2019 and can be emailed to me at peter.r.farrelly@state.or.us or mailed to:

Attn: Pete Farrelly
OHA-Oregon Drinking Water Program
PO Box 14450
Portland, OR 97293-0450

If you have any questions, please feel free to call me at (971) 673-0462.

Sincerely,

Pete Farrelly, PE
Regional Engineer
Drinking Water Services

cc: Gary Vanderveen/Alisa Zastoupil, Yamhill County Health
Jake Constans, Watermaster District 18

cc: Daniel Hough, OHA-DWS