



PUBLIC HEALTH DIVISION  
Drinking Water Services

Kate Brown, Governor

Oregon  
**Health**  
Authority

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August 3, 2022

Tim Irving  
Little Bear Paw RV Park  
326 NW Pleasant View Drive  
Grants Pass, OR 97526

**Re: New Well/Water System (PR#104-2022)  
Little Bear Paw RV Park (PWS ID#06309)  
Conditional Approval**

Dear Tim Irving:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the review of the water system for Little Bear RV Park. DWS received drawings, well log information and a plan review fee of \$825.

The project includes the installation of a new public water system in association with a new RV park located in Wolf Creek, Oregon. The project is proposing to utilize an existing groundwater well located on the project property. The submitted well log number for the existing, proposed groundwater well to be utilized is JOSE 2304.

The project shall adhere to all applicable DWS Oregon Administrative Rules (OAR). The submitted plan review material has been reviewed and the following items were noted as specific conditions of final approval:

*Water monitoring and reporting-*

- Public water system water quality monitoring shall be per OAR 333-061-0036 relative to the water system's public water system classification, a Transient Non-Community.

*Well-*

- Per OAR 333-061-0050(1)(e), only materials designed for potable water service and meeting NSF Standard 61: Drinking Water System Components - Health

Effects or equivalent shall be used in those elements of the water system which are in contact with potable water.

- Per OAR 333-061-0050(2)(a), the proposed existing groundwater source shall adhere to applicable subsections (A) through (N).

*Water treatment facilities-*

- Should the proposed public drinking water system need to have water treatment installed, it shall be installed per applicable sections of OAR 333-061-0050(4) & (5).

*Finished water storage-*

- Should the proposed public drinking water system need to have finished water storage installed, it shall be installed per applicable subsections (a) through (b).

*Distribution-*

- Per OAR 333-061-0050(8), new distribution systems installed with the proposed RV park shall adhere to applicable subsections (a) through (l).

*Crossings-Sanitary sewers and water lines:*

- Per OAR 333-061-0050(9), new distribution systems installed with the proposed RV park shall adhere to applicable subsections (a) through (d).

*Disinfection of facilities:*

- Per OAR 333-061-0050(10), new public water system facilities shall be disinfected to applicable subsections (a) through (d).

*Capacity Requirements for Public Water Systems –*

- Per OAR 333-061-0061, the public water system shall meet the capacity requirements of this section for its respective water system classification (Transient Non-Community water system).

A DWS Hydrogeologist has reviewed the existing groundwater well and has provided the following comments for the water system's reference:

*The well was drilled to a depth of 58 feet in June 1968. A 12-inch borehole extends to a depth of 18 feet. A 6-inch casing extends to a depth of 19 feet and is sealed to that same depth (no sealant volume provided based on well log format). OWRD was consulted and considers it to meet construction standards based on the 6-inch annulus even with a lack of sealant volume being provided (7-2022). Therefore, the well construction is considered to meet standards in terms of casing depth, casing seal depth, sealant volume, and annular spacing.*

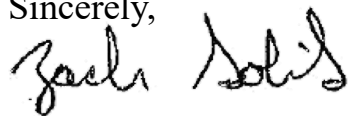
*However, according to the site map provided the septic drain field and gravity sewer for individual RV slots appear to be within the 100-foot setback. Note: The sanitary setback for gravity sewer is 50 feet. The septic drain-field depression appears to fall within the 100-foot setback and would be in violation of OAR 333-061-0050 2aE. Triggered monitoring will apply if the source is to remain untreated (recommend monthly distribution monitoring). If UV or chlorination is applied, the monthly assessment monitoring will be required based on the sensitivity of the aquifer.*

*The well is located in what is surficially mapped as Quaternary alluvium (13 feet thick as reported) and appears to produce from what is likely fractured tuff of Jurassic age below that depth. It appears that competent bedrock is present at a depth of 13 feet and no initial water bearing zone is reported. The aquifer appears to be semi-confined to confined with the static water level reported at a depth of 3 feet below ground surface in 1968. The aquifer is considered to be highly sensitive due to the shallow  $\leq 60$ ft water bearing zone depth and fractured nature.*

**Until we receive verification that the conditions have been met and final approval has been issued, the new well and water system is not approved for use.** For waterline projects, note that engineers must inspect/be prepared to sign off before burying lines. Upon completion of the project, the engineer must verify in writing that construction was completed according to the submitted plans. If substantial changes are made, a set of as-built drawings must be submitted. Documentation demonstrating how the above conditions were met should reference Plan Review #104-2022 and can be emailed to me at [zachariah.cunningham-golik@dhsosha.state.or.us](mailto:zachariah.cunningham-golik@dhsosha.state.or.us).

If you have any questions, please feel free to call me at 541-231-9077.

Sincerely,



Zach, PE  
Regional Engineer  
Drinking Water Services

CC: Julie Wray, DWS Portland  
Justin Fimbres, Josephine County Health Department