



PUBLIC HEALTH DIVISION  
Drinking Water Services  
Tina Kotek, Governor

Oregon  
**Health**  
Authority

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June 12, 2024

Christopher Prewitt  
Super 7 Mini-Mart  
225 W. Moore Avenue  
Hermiston, Oregon 97838

**Re: New Well, Plan Review #59-2024, Super 7 Mini-Mart, PWS ID #4195739  
Conditional Approval**

Dear Mr. Prewitt:

Thank you for your submittal of plan review information to the Oregon Health Authority's Drinking Water Services (DWS) for the new well that will serve the Super 7 Mini-Mart located at the intersection of Highway 395 and Baggett Lane north of Hermiston. On April 16, 2024, a copy of the driller's log for well L153236 was obtained. The plan review fee of \$825 was received on April 17, 2024. A signed Land Use Compatibility Statement and a site plan were obtained on April 18, 2024.

Approval for the project is granted based on meeting the following conditions:

1. The provisions in [OAR 333-061-0050\(2\)\(a\)\(K\)](#) regarding the pump installation, piping arrangements, sample taps, and other appurtenances must be met. Note that if a pitless adapter was installed, a concrete slab around the well casing is not required.
2. Water quality sample results for coliform bacteria, nitrate and arsenic must be submitted. These samples must be run at [a certified lab](#). If you have any questions about the sample collection procedures or other details, please contact me.
3. The well must be protected from unauthorized access due to its proximity to Baggett Lane. This can be done by installing a lockable enclosure or fencing around the well.
4. Any pressure tank that is installed must be certified to NSF Standard 61 or equivalent.
5. The enclosed waiver application from the construction standard that prohibits the well from being within 100 feet of a road must be signed, dated, and returned to me.

The construction of well L153236/UMAT 59138 was reviewed by our staff hydrogeologist who provided the following comments:

The well is constructed with a split seal. 31 sacks of bentonite (calculated 9.1 sacks needed) were used to seal from ground surface to 18 feet below ground surface (bgs) and 8 sacks of cement (calculated 2.3 sacks to 3.1 sacks needed) were used to seal the lower portion from 152 to 169 feet bgs. Although the well meets minimum construction standards with the issuance of a Special Standard, the well is potentially susceptible to contamination since the well was not sealed five feet into the blue clay layer at 112 feet bgs. Consider for reconstruction if nitrate is equal to or greater than 5 mg/L or if *E. coli* is confirmed in the source. The well log indicates that the aquifer is confined and under hydrostatic pressure since the water bearing zone below the casing seal was encountered at a depth of 286 feet bgs and the static water level rose to 177 feet bgs.

I also have the following comments:

1. It is my understanding the facility will use less than 5000 gallons of water per day, which would exempt the well from needing a water right. I recommend confirming this with the local Oregon Water Resources Department watermaster, Greg Silbernagel. His phone number is 541-278-5456.
2. Please submit the make/model of the well pump and the depth the pump bowls are set.
3. The main web page for the water system is online here:  
<https://yourwater.oregon.gov/inventory.php?pwsno=95739>

Until it is verified that the project meets the construction standards in OAR 333-061-0050 and Final Approval is granted for the project, the new facilities are not approved for use. If you have any questions or would like this in an alternate format, please feel free to call me at (541) 966-0900 or email at [william.h.goss@oha.oregon.gov](mailto:william.h.goss@oha.oregon.gov).

Sincerely,



William Goss, PE  
Regional Engineer

c: Julie Wray, OHA–DWS, Portland, OR  
Melissa Ney, Oregon Department of Agriculture (pdf copy only)  
Greg Silbernagel, Oregon Water Resources Department (pdf copy only)  
Shaun Finn, Oregon Water Resources Department (pdf copy only)  
Tommy Laird, Oregon Water Resources Department (pdf copy only)  
Amarjit Nijjar, Arn, LLC

enclosure: Application for Waiver from Construction Standards for Public Water Systems