

September 18, 2025

Kelly Evans, PE
Facet NW
2210 Riverside Dr #110
Mount Vernon, WA 98273

Re: Water System Improvements (PR#106-2025)
Satrum Egg Ranch ([PWS ID#06167](#))
Site Plan Approval

Dear Kelly:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the new well for Satrum Egg Ranch. On August 18, 2025, our office received a set of plans, specifications, a project report, a land use compatibility statement, water rights, a geotechnical report, and a plan review fee of \$825.

The project includes the abandonment of existing Well XXX (industrial) and Well 1 ([CLAC02457](#) – SRC-AA), rehabilitation of Well 2, drilling a new well (Well 3), constructing a 121,000 gallon concrete reservoir for additional standby and fire suppression storage, and the installation of a new booster pump assembly.

The new well is granted site plan approval and the plans are approved subject to the following conditions:

Storage Reservoir:

- Screen vent(s) must be provided above the highest water level. Please provide information on the screen used in the gravity ventilator.
- A drain must be provided at the lowest point in the bottom of the storage. The outlet end of the drain must be fitted with an angle-flap valve or equivalent protection and shall discharge to a watercourse or storm drain capable of accommodating the flow with a vertical separation between the bottom of the pipe and top of the receiving body or structure.

Once construction of the well is complete, please submit:

1. The well driller's report (well log).
2. Well pumping test information including static water level, pumping rate, drawdown and rate of recovery.
3. Raw (Untreated) Water Quality Data including coliform bacteria, nitrate and arsenic. These are to be taken from the new well's raw water sample tap at the wellhead.

A regional geologist in our program reviewed the proposed well construction. He noted the following, which should be shared with the well driller:

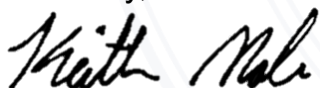
- Based on nearby well log CLAC70809, proposed construction appears to be appropriate given the aquifer is likely to be a deep confined aquifer with a thick silt/clay confining layer. The estimated depth to the water-bearing zone is about 400 ft. The estimated depth of the casing seal is roughly 220 ft, 5 ft into the impermeable material above the water-bearing zone.

Satrum Egg Ranch is currently listed as inactive as of July 25, 2024. Please contact your regulator ([Joshua Teamus](#)) when the system is ready to be reactivated and for the requirements that reactivating entails.

The above items should reference Plan Review #106-2025 and can be emailed to me at keith.male@oha.oregon.gov.

If you have any questions, please feel free to email me at keith.male@oha.oregon.gov or call me at 503-939-1322.

Sincerely,



Keith Male, PE
Regional Engineer
Drinking Water Services

cc: Julie Wray, DWS
Ashley Singh, Satrum Egg Ranch
Joshua Teamus, Oregon Department of Agriculture
Greg Wacker, District 16 Water Master
Tommy Laird, Well Construction Program Coordinator, OWRD
Travis Kelley, Well Construction Compliance Coordinator, OWRD