

STATE OF OREGON

ABANDONMENT WELL REPORT

(as required by ORS 537.765, OAR 690-205-0210 & OAR690-240-0395)

(1) LAND OWNER
Owner Well I.D. Well # 4
First Name Last Name
Company Design LLC
Address 1600 Amphitheater Parkway
City Mountain View State CA Zip 84043

(6) LOCATION OF WELL (legal description)
County WASC0 Twp 2 N N/S Range 13 E E/W WM
Sec 28 NW-SE1/4 of the SW 1/4 Tax Lot 2n13e28
Tax Map Number Lot 700
Lat 45.623261 or DD or DMS
Long -121.205384 or DD or DMS
Street address of well Nearest address

(2) TYPE OF WELL water supply
ORIGINAL LOG # WASC0 3249

(3) EXISTING CONDITIONS
(not required if well report identified in (2) describes the well's current condition)
Depth of well: 303 ft.
Filter pack from ft. to ft. Material Size

3100 river rd the dalles or

Table with columns: Casing, Liner, Screen, Hole, Dia, Above Land, From, To, Steel, Plastic, Other Material. Contains data for well depth and materials.

(7) STATIC WATER LEVEL
Date 09-01-2022
Existing Well/Pre-Abandonment SWL(ft) 85.5 SWL(psi) 37

(8) DESCRIPTION OF ABANDONMENT
Ground Elevation

See Attached
RECEIVED
DEC 19 2022
OWRD
SALEM, OREGON

(4) ABANDONMENT PROCEDURE Special Standard (Attach copy)

Table with columns: Casing, Liner, Screen, Hole, From, To, In-place, Pull, Perf, Size Perfs, # Perf, Other Info. Contains data for abandonment procedure.

Overdrill Diameter From To

(5) ABANDONMENT MATERIAL(S)

Table with columns: Material, Dia. (in), From, To, Amount, sacks/lbs, Calculated Amount. Contains data for abandonment materials.

Calculate Required Amounts

If you're using Adobe, the button above will calculate required amounts based on what you enter on pp. 1-2.

Actual Cement: Sacks lbs. Actual Bentonite: Sacks lbs.
Calculated Cement: Sacks lbs. Calculated Bentonite: Sacks lbs.
Total Dissolved Solids 300 PPM Temperature F 53

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Sacks Actual Amount Sacks

Date Started 09-01-2022 Completed 11-07-2022

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number Date

Signed

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 10576 Date 12-05-2022

Signed

Contact Info (optional)



Oregon

Kate Brown, Governor

Water Resources Department

725 Summer St NE, Ste A

Salem, OR 97301

Phone: 503-986-0900

Fax: 503-986-0904

August 8, 2022

DON LARSON MWC# 10432
 YELLOW JACKET DRILLING SERVICES LLC
 16765 SE 362ND DR
 SANDY OR 97055

FINAL ORDER

Dear Mr. Larson:

The Special Standards Request Form you submitted for owner: Design LLC, Start Card numbers: 1057867 through 1057869, is hereby approved for the following: you may decommission these water supply wells (WASC 3249, WASC 3255, and WASC 3256), as described on your Special Standards Request Form dated August 4, 2022, and Proposed Well Abandonment Schematics. All other well abandonment standards apply as required under Oregon Administrative Rules 690-220. A copy of your Special Standards Request Form is enclosed.

Approval of this Special Standards Request was granted due to the provided email correspondence with Travis Kelly, Well Construction Compliance Coordinator, dated March 2, 2021, stating the proposed well abandonments were acceptable by the Department.

The Well Construction Standards serve to protect groundwater resources. By approving and issuing this special construction standard, the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity, or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects groundwater resources as required under Oregon Administrative Rules 690-200 through 690-240.

If you have any questions regarding this letter I may be contacted at (503) 302-8618, or by e-mail at Tommy.K.Laird@water.oregon.gov.

Sincerely,

Tommy Laird
 Well Construction Compliance Coordinator
 Well Construction and Compliance Section

enclosure

cc: Shaun Finn, North Central Region Well Inspector

This is a FINAL ORDER other than contested case. This final order is subject to judicial review under ORS 183.484. Any petition for judicial review of the final order must be filed within the time specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

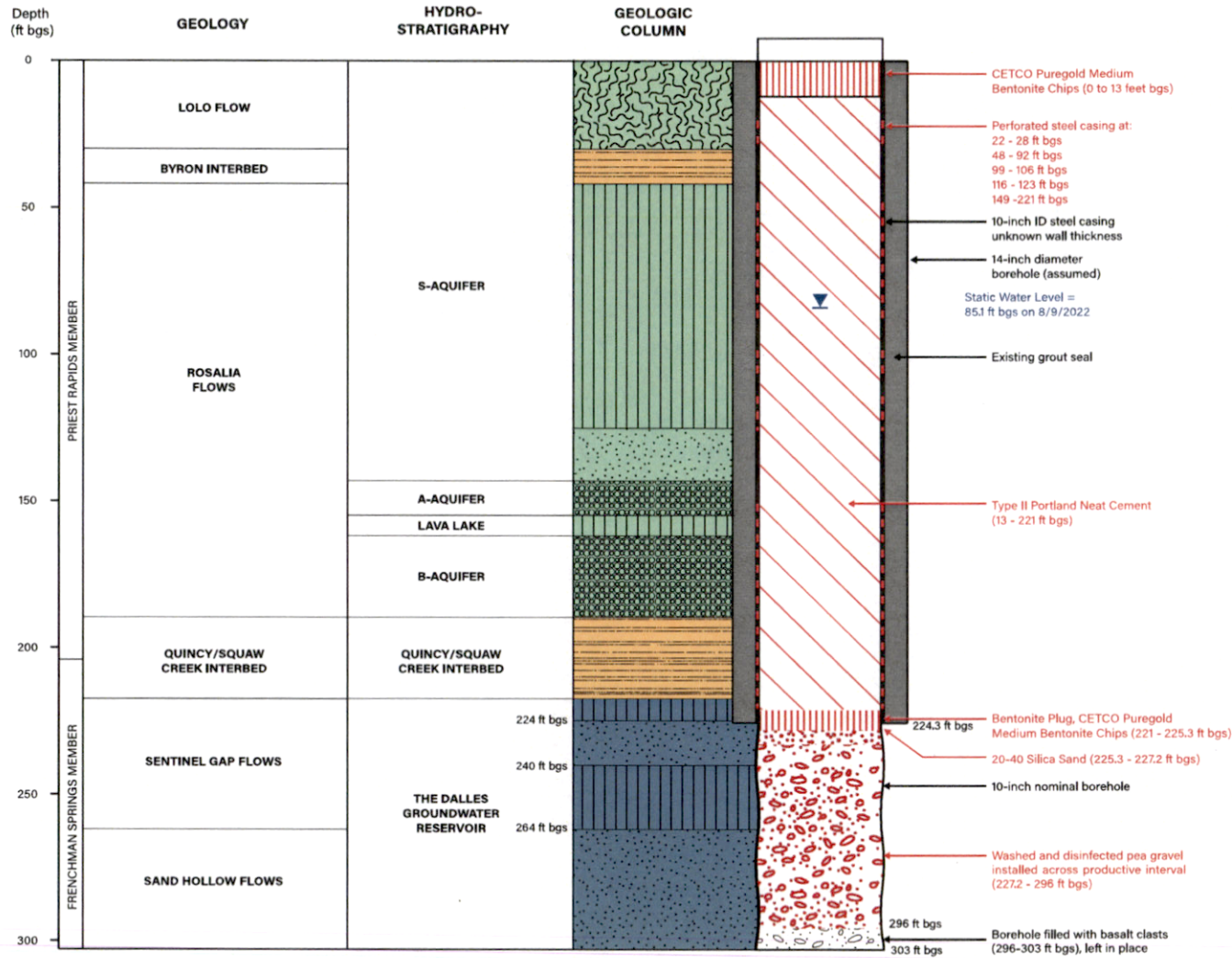
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FIGURE 3

Well 4 Abandonment Schematic



LEGEND

Well Abandonment

- Perforated Steel Casing
- Bentonite Chips (CETOCO Puregold Medium)
- Type II Portland Neat Cement
- 20-40 Silica Sand
- Pea Gravel

Geologic Column

- Interbed
- Vesicular Flow Top/Bottom
- Dense Flow Interior
- Pillow Complex
- Broken Basalt

NOTES

1. Geology and hydrostratigraphy are from Gerhart and Miller (1988) and a down-hole well video completed on August 9, 2022. Contact between Sand Hollow Flow and Sentinel Gap Flow assumes that contact occurs at approximately the same depth as observed in Well 5.
2. Well construction based on WASC 3249 and a down-hole well video completed on August 9, 2022. Unverified elements of well construction are noted as "assumed".

ft bgs: below ground surface
ID: inside diameter

