Approved:

MEMO

To: Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

Subject: Review of Water Right Application G-19257

Date: August 27, 2024

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Mitra Khadka and Travis Brown reviewed the application. Please see Mitra's and Travis' Groundwater Review and the Well Report.

Applicant's Well # "Well 1" (MARI 1697): Based on a review of the Well Report, Well 1 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that according to the Water Supply Well Report, the well is sealed with an unapproved grout. Additionally, the Well Report indicates that the well head is flush with land surface. In order to meet minimum well construction standards, the must be resealed with an approved grout and the well head must be extended so that it is at least one-foot above land surface.

My recommendation is that the Department **not issue** a permit for Well 1 unless it is brought into compliance with current minimum well construction standards or information is provided showing that it is constructed to meet current minimum well construction standards.

The construction of Well 1 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 2" (Proposed): Well 2 is a proposed well, therefore it cannot be reviewed for construction. Construction of this proposed well shall be completed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240. During construction of this well, specific attention should be paid to ensure sealing requirements are met and that the well does not commingle aquifers.

The construction of proposed Well 2 may not satisfy hydraulic connection issues.

NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date

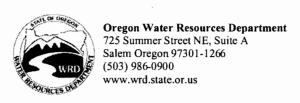
Gravel placed from ...

REWAND CELEBOTORT AY 2 1 1973

SEP2 APPOS type or print SALEM. OR Grate Permit No.

STATE (PNEOINE ER bove this line) of well completion. SALEM, OREGON (10) LOCATION OF WELL: (1) OWNER: County May con Driller's well number Name Warson eft Tax Lat 2 agen Section 9 T. 5 S R. IN Pervis Orl Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): Near conter of gouth Side of field New Well Deepening Reconditioning Abandon If abandonment, describe material and procedure in Item 12. (11) WATER LEVEL: Completed well. (4) PROPOSED USE (check): (3) TYPE OF WELL: Depth at which water was first found 96 Driven 🛘 Rotary Domestic Industrial I Municipal I Static_level 23 ft. below land surface. Date 4-30-73 Jetted. Irrigation Test Well Other Bored [7] Artesian pressure bs. per square inch. Date (5) CASING INSTALLED: Threaded | Welded (12) WELL LOG: Diameter of well below casing ... Depth drilled 3 ft. Depth of completed well / 35 " Diam. from _____ft. to _____ft, Gage ____ Formation: Describe color, texture, grain size and structure of materials; " Diam. from _____ft. to and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata. (6) PERFORATIONS: Perforated? A Yes | No. Type of perforator used 5777 MATERIAL 3/8 in. by 1 1/2 Size of perforations 240 perforations from 125 ft. to 133 ft. Brown ETRY perforations from _____ft. to _____ft. perforations from (7) SCREENS: Well screen installed? | Yes | ANo Manufacturer's Name Model No. Diam. Slot size Set from and of gravel Diam. Slot size Set from ourse gravel 124 Coment asore Drawdown is amount water level is lowered below static level (8) WELL TESTS: Was a pump test made? Yes \(\subseteq \text{No If yes, by whom?} \) 180 gal./min. with 36 ft. drawdown after 3% hrs. gal./min. with Bailer test emperature of water 5 3 Depth artesian flow encountered Work started 14-28 1973 Completed 5-Date well drilling machine moved off of well (9) CONSTRUCTION: Well seal-Material used Bentanted Cement Drilling Machine Operator's Certification: Well sealed from land surface to 25 FT ft.

Diameter of well bore to bottom of 2 12 in. This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. prilling Machine Operator) Date 5 - 5 , 19 73 Diameter of well bore below seal in. Number of sacks of cement used in well seil & Drilling Machine Operator's License No. 437 Number of sacks of bentonite used in well al Brand name of bentonite & 85 ters creson Destonite Water Well Contractor's Certification: Number of pounds of bentonite per 100 gallons This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Was a drive shoe used? Tes I No Plus Size: location (Person, firm or corporation) (Type or print) Did any strata contain unusable water 🗆 Yes 🗀 No nth of strata Type of water? Method of sealing strata off [Signed] Was well gravel packed? ☐ Yes Z 10 Size of gravel: Contractor's License No. 449 Date 5-5



Application for

Well ID Number

DEC 20 2007

Do not complete if the well already has a Well I.D Number.

WATER RESOURCES DEPT

City, State, Zip: Woodburn CR 9#9707] Mailing Address (to send Well I.D.):	
Mailing Address: 717 Gatch St City, State, Zip: Woodburn OR 9471071	
City, State, Zip: Woodburn CR 9491011 Mailing Address (to send Well I.D.):	
Mailing Address (to send Well I.D.):	
City, State, Zip:	
II. <u>WELL INFORMATION</u> (Do not complete this section if the well report is attached.)	
Township: 5 (North/South) Range: (East/West) Section: 9	
Tax Lot: 500 County Marcian 1/4	1/4
Tax Lot: 500 County Marion 1/4	1/4
Owner at time the well was constructed, (if known):	
If the property had a different street address in the past:	
III. GENERAL WELL INFORMATION (Do not complete this section if the well report is attached) Use of Well (domestic, irrigation, commercial, industrial, monitoring): Date Well Constructed: Total Well Depth: Casing Diameter:	
Other Information:	
SUBMITTED BY (please print): Gregory Dubenko PHONE: FAX:	
Send application to Oregon Water Resources Department; 725 Summer Street NE, Suite A; Salem, Oregon 9730 fax (503) 986-0902. Applications are processed and Well I.D. Numbers are mailed every Tuesday.	I-1266;
For Official Use Only by the Oregon Water Resources Department: Received Date: Well Log Number: Well Identification #:	
Mari 1697 L 95215	