Approved: 

MEMO

To: Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

Subject: Review of Water Right Application G-19389

Date: March 10, 2025

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Stacey Garrison reviewed the application. Please see Stacey's Groundwater Review and the Well Reports.

Applicant's Well #1 (YAMH 5157): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

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

Applicant's Well #2 and Well #4 (Proposed): Well #2 and Well #4 are proposed wells, therefore they cannot be reviewed for construction. Construction of these proposed wells 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 these wells, specific attention should be paid to ensure sealing requirements are met and that the wells do not commingle aquifers.

The construction of proposed Well #2 and Well #4 may not satisfy hydraulic connection issues.

Applicant's Well #3 (YAMH 5168): Based on a review of the Well Report, Well #3 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that the Well Report indicates the well was not sealed to the proper depth, sealed with an unapproved grout, and the well head is flush with land surface. In order to meet minimum construction standards, the well must be resealed with an approved grout and the well head must be raised so that it is at least one-foot above land surface.

My recommendation is that the Department not issue a permit for Well #3 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 repair of Well #3 may not satisfy hydraulic connection issues

RECEIVED
MAR 31 1987
WATER RESOURCES DEPT.
SALEM, OREGON

YAMH 5/59

4s/3W-3cb

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

Well Number: 01

(1) OWNER:
Name: Sokol Blosser Winery
Address: P.O. Box 199
City: Dundee State: Oregon Zip: 97115

(2) TYPE OF WORK:
☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD
☒ Rotary Air ☐ Rotary Mud ☐ Cable
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☒ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 204 ft.
Explosives used ☐ Yes ☒ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	19	Cem/5% Ben.	0	19	5 Sacks
6	19	204				

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6	+1	19	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:	4	2	204		☐	☒	☒	☐
					☐	☐	☐	☐

Shoe location of shoe(s)

(7) PERFORATIONS/SCREENS:
☒ Perforations Method Saw
☐ Screens Type Material

From	To	Slot size	Number	Tele/pipe Diameter	Tele/pipe size	Casing	Liner
						☐	☐
186	202	1/8	210			☐	☒
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
50		200	1 hr.
35		174	½ hr.

Temperature of water 53° Depth Artesian Flow Found
Was a water analysis done? ☐ Yes By whom
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other
Depth of strata:

(9) LOCATION OF WELL by legal description:
County Yamhill Latitude ' " Longitude ' "
Township 4 South N or S, Range 3 West E or W, WM.
Section 3 N.W. ¼ S.W. ¼
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address) 5000 Sokol Blosser Ln. Dundee, OR 97115

(10) STATIC WATER LEVEL:
130 ft. below land surface. Date 3-9-87
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 180'

From	To	Estimated Flow Rate	SWL
180	184	10 gpm	
186	200	50 gpm	

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
Clay brown	0	3	
Basalt brown soft	3	6	
Basalt brown medium	6	12	
Basalt brown soft	12	16	
Basalt gray medium	16	98	
Basalt black medium	98	120	
Basalt brown	120	172	
Basalt brown broken	172	180	
Basalt brown loose	180	184	
Clay tan	184	186	
Basalt black broken	186	200	130
Basalt black	200	204	

Date started 3-6-87 Completed 3-9-87

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

WWC Number
Signed Date

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, 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 well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 553
Signed Marvin L. Taylor Date 9 Mar 1987

WHITE COPIES - WATER RESOURCES DEPARTMENT YELLOW COPY - CONSTRUCTOR PINK COPY - CUSTOMER 9809C 10/86

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 of well completion.

RECEIVED SEP 5 - 1972 STATE ENGINEER SALEM, OREGON

YAMH 5168

WATER WELL REPORT

STATE OF OREGON (Please type or print) (Do not write above this line)

YAMH 5168

State Well No. 4S/3W-3 cd

State Permit No.

(1) OWNER:

Name Jordy Wells

Address Depoe Bay, Oregon

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) CASING INSTALLED:

Threaded ☐ Welded ☒

6 " Diam. from 0 ft. to 63 ft. Gage .250

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? ☐ Yes ☒ No

Type of perforator used

Size of perforations in. by in.

perforations from ft. to ft.

perforations from ft. to ft.

perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield: gal./min. with ft. drawdown after hrs.

" " " "

" " " "

Comp.
Bailer test 15 gal./min. with 62 ft. drawdown after 1 hrs.

Artesian flow g.p.m.

Temperature of water 53 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement Grout & Drill Cuttings

Well sealed from land surface to 63 ft.

Diameter of well bore to bottom of seal 9 in.

Diameter of well bore below seal 6 in.

Number of sacks of cement used in well seal 2 sacks

Number of sacks of bentonite used in well seal 0 sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons of water lbs./100 gals.

Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes ☒ No Size of gravel:

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Yamhill Driller's well number

SE ¼ SW ¼ Section 3 T. 4S R. 3W W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 100Ft. 1gpm ft.

Static level 100 ft. below land surface. Date Aug. 30-72

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6 In.

Depth drilled 182 ft. Depth of completed well 180 ft.

Formation: Describe color, texture, grain size and structure of materials; 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.*

MATERIAL	From	To	SWL
Topsoil	0	1	
Red Clay	1	11	
Decomposed Clay Red, Brown & Yellow	11	15	
Decomposed Clay with streaks of weathered rock, red	15	59	
Coarse Grained Basalt, Black	59	141	
Basalt, Black, with streaks of red cinders	141	166	
Coarse Grained basalt, black	166	182	

Work started Aug. 24 1972 Completed Aug. 30 1972

Date well drilling machine moved off of well Aug. 30 1972

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Ernest Johnson (Drilling Machine Operator) Date Sept. 1, 1972

Drilling Machine Operator's License No. 604

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Wilcox Drilling & Pump Co. (Person, firm or corporation) (Type or print)

Address P. O. Box 569, McMinnville, Oregon

[Signed] James H. Wilcox (Water Well Contractor)

Contractor's License No. 428 Date Sept. 1, 1972

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119