Approved:

МЕМО

To: Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

Subject: Review of Water Right Application LL-1945

Date: June 21, 2024

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Joe Kemper reviewed the application. Please see Joe's Groundwater Review and the Well Report.

Applicant's Well #1 (CROO 54598): 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.

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by OPS 537.765 & OAR 690-205-0210)

CROO 54598

WELL I.D. LABEL# L 129188

START CARD # 1037701

ORIGINAL LOG #

(as required by ORS 537.765 & OAR 690-205-0210)	3/7/2018 ORIGINAL LOG #
(1) LAND OWNER Owner Well I.D.	
First Name TODD Last Name TAYLOR	(9) LOCATION OF WELL (legal description)
Company	
Address 18500 BULL SPRINGS RD	County CROOK Twp 15.00 S N/S Range 15.00 E E/W WM
City BEND State OR Zip 97701	Sec 23 NW 1/4 of the NW 1/4 Tax Lot 1231
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot DMS or DD Long "or -120.90700000 DMS or DD
Alteration (complete 2a & 10) Abandonment(complete	Lat "or 44.26052778 DMS or DD
(2a) PRE-ALTERATION	Long or120.90700000 DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address
Casing:	OFF GEORGE MILLICAN RD ROCK PIT
Material From To Amt sacks/lbs	
Seal:	
(3) DRILL METHOD	(10) STATIC WATER LEVEL
Rotary Air Rotary Mud Cable Auger Cable Mud	Date SWL(psi) + SWL(ft)
Reverse Rotary Other	Existing Well / Pre-Alteration
	Completed Well 2/27/2018 410
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?
X Industrial/Commericial Livestock Dewatering	WATER BEARING ZONES Depth water was first found 410.00
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attack	copy) 2/14/2018 410 450 10 410
Depth of Completed Well 695.00 ft.	
	sacks/
Dia From To Material From To Amt	lbs
	S
8 39 405 Calculated 20	
7.5 405 605	(11) WELL LOG Ground Flavation 2384 00
6 605 695 Calculated	Ground Elevation 3284.00
How was seal placed: Method A B C D E	Material From To
X Other POURED DRY	PUMICE BROKEN ROCK 0 2
Backfill placed from ft. to ft. Material	LAVA GRAY HARD 2 22
Filter pack from ft. to ft. Material Size	BASALT BROKEN 22 30
Explosives used: Yes Type Amount	BASALT 30 121
	SANDSTONE BROWN 121 180
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	BASALT 180 242
Proposed Amount Actual Amount	BASALT BROKEN 242 380
(6) CASING/LINER	BASALT BROKEN CAVING 380 430
Casing Liner Dia + From To Gauge Stl Plstc Wld	Thrd BASALT BROKEN FRACTURED LAYERS 450 538
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	BASALT BLACK FRACTURED 538 573
	BASALT FRACTURED BROKEN LAYERS 580 615
	SILTSTONE GRAY 615 640
	CLAY GRAY SOFT 640 695
Shoe Inside Outside Other Location of shoe(s)	CENT GRATI SOLI
	_
(7) PERFORATIONS/SCREENS	
Perforations Method AIR PERF	
Screens Type Material	Date Started 2/12/2018 Completed 2/27/2018
	ole/ (unbonded) Water Well Constructor Certification
	(unbonded) Water Well Constructor Certification I certify that the work I performed on the construction, deepening, alteration, or
Perf Liner 6 410 580 .125 2 2880	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 758 Date 3/7/2018
(8) WELL TESTS: Minimum testing time is 1 hour	Signed THOMAS PECK (E-filed)
Pump Bailer • Air Flowing Artesia	n Signed THOMAS PECK (E-filed)
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	(bonded) Water Well Constructor Certification
10 460 1.5	I accept responsibility for the construction, deepening, alteration, or abandonmen
	work performed on this well during the construction dates reported above. All work
	performed during this time is in compliance with Oregon water supply wel
Temperature 55 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowledge and belief.
	License Number 1720 Date 3/7/2018
Water quality concerns? Yes (describe below) TDS amount 118 profession To Description Amount Unit	$\frac{\text{m}}{\text{s}}$ License Number $\underline{1720}$ Date $\underline{3/7/2018}$
	Signed JACK ABBAS (E-filed)
	Contact Info (optional)

CROO 54598

WELL I.D. LABEL# L 129188

START CARD # 1037701

ORIGINAL LOG #

continuation page	3/7/2018	ORIGINAL LOG #	37701
(2a) PRE-ALTERATION	Water Quality		
Dia + From To Gauge Stl Plstc Wld Thrd	From To		Amount Units
Material From To Amt sacks/lbs			
Tiom To Time Sucks/103			
	$\overline{}$ (10) STATIC	WATER LEVEL	
(5) BORE HOLE CONSTRUCTION	SWL Date		v SWL(psi) + SWL(ft)
	sacks/		
Dia From To Material From To Amt	lbs		
Calculated			
Calculated			
Calculated			+ + + + + + + + + + + + + + + + + + + +
Calantard			
Calculated	J <u>L </u>		
FILTER PACK From To Material Size	(11) WELL L	OG	
		Material	From To
			+
(6) CASING/LINER			
Casing Liner Dia + From To Gauge Stl Plstc Wld	Thrd		
			_
	\vdash		
7) PERFORATIONS/SCREENS			
Perf/ Casing/ Screen Scrn/slot Slot # of	Tele/		
	pipe size		
	——————————————————————————————————————		
	Comments/R	lemarks	
(a) XXXXX		DGROUT 80 FEET - 330 FEET	
(8) WELL TESTS: Minimum testing time is 1 hour		D GROUT 220 FEET - 380 FEET	
Yield gal/min Drawdown Drill stem/Pump depth Duration (h	1)	D GROT 270 FEET - 365 FEET ACK SLURRY 360 FEET 420 FEE	ΞΤ
	1 1 1		

CROO 54598

3/7/2018

Map of Hole

STATE OF OREGON WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301 (503)986-0900



LOCATION OF WELL

Latitude: 44.26052778 Datum: WGS84

Longitude: -120.907

Township/Range/Section/Quarter-Quarter Section:

WM 15S 15E 23 NWNW

Address of Well:

OFF GEORGE MILLICAN RD ROCK PIT

Well Label: 129188

Printed: March 7, 2018

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor

