

MEMO

To: Juno Pandian, Well Construction and Compliance Section Manager
From: Kristopher Byrd, Well Construction Program Coordinator
Subject: Review of Water Right Application G-17427
Date: September 9, 2011

The attached application was forwarded to the Well Construction and Compliance Section by Water Rights. Josh Hackett originally reviewed the application. Please see Josh's review and the amended Well Log.

Well #3 (Clac 66847): Based on a review of the Well Report, Well #3 seems to protect the groundwater resource.

The construction of Well #3 may not satisfy hydraulic connection issues.

I concur
9-12-11
[Signature]

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

05-24-2010

WELL LABEL # L 103824

START CARD # 1009986

Amended

(1) LAND OWNER

Owner Well I.D.

First Name ED

Last Name SEAGRAVES

Company

Address 16268 S. BABLER RD

City OREGON CITY

State OR

Zip 97045

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion
☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other

(4) PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Community
☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)

Depth of Completed Well 261.00 ft.

BORE HOLE			SEAL			Amt	sacks/ lbs
Dia	From	To	Material	From	To		
10	0	62	Bentonite Chips	0	4	4	S
7.58	62	261	Cement	4	62	2,600	P

How was seal placed:

Method ☐ A ☐ B ☒ C ☐ D ☐ E☒ Other poured & tamped

Backfill placed from ft. to ft. Material

Filter pack from ft. to ft. Material Size

Explosives used: ☐ Yes ☐ No Type Amount

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
☒	☐	6	☒	2	261	250	☒	☐	☒	☐
☐	☐	4	☐	4	221	200	☐	☐	☐	☐

Shoe ☒ Inside ☐ Outside ☐ Other Location of shoe(s) 261Temp casing ☐ Yes ☐ No Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method AIRKNIFE

Screens Type CERTALOK Material PVC

Perf/S	Casing/	Screen	Dia	From	To	Screen/slot	Slot	# of	Tele/
green	Liner	Liner				width	length	slots	pipe size
Perf	Casing	6	240	260	.25	2	360		
Screen	Liner	4	221	261	10				

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

125		260	3
95		220	1
55		160	1

Temperature 57 °F Lab analysis ☐ Yes ☐ NoWater quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County Clackamas Twp 2.00 S N/S Range 3.00 E E/W WM

Sec 29 NE 1/4 of the NW 1/4 Tax Lot 100

Tax Map Number Lot

Lat 0 0 " or DMS or DD

Long 0 0 " or DMS or DD

☒ Street address of well ☐ Nearest address

16268 S. BABLER RD

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)

Existing Well / Predeepening			
Completed Well	05-06-2010		85

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 168

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
05-06-2010	168	261	125		85

(11) WELL LOG

Ground Elevation

Material	From	To
TOP SOIL	0	1
BROWN CLAY	1	12
BROWN CLAY W/ COBBLES	12	45
GRAVEL & COBBLES CEMENTED	45	108
SANDSTONE	108	120
TAN CLAYSTONE	120	168
BLACK SAND & GRAVEL	168	175
MULTI COLORED SAND	175	207
MULTI COLORED AGATES	207	261

Solid + UNREVISED

RECEIVED

SEP 03 2011

WATER RESOURCES DEPT
SALEM, OREGON

Date Started 05-03-2010

Completed 05-06-2010

(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 1512

Date 05-24-2010

Electronically Filed

Signed THOMAS YOUNGBERG (E-filed)

(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 1771

Date 05-24-2010

Electronically Filed

Signed GEORGE YOUNGBERG (E-filed)

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

Form Version: 0.95