Approved:

MEMO

To: Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

Subject: Rereview of Water Right Application G-19282

Date: December 11, 2024

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

Applicant's Well #1 (CLAC 54178): 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 (CLAC 56492): Based on a review of the Well Report, Applicant's Well #2 seems to protect the groundwater resource.

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

Applicant's Well #3 (CLAC 75335): Based on a review of the Well Report, Applicant's Well #3 seems to protect the groundwater resource.

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

Applicant's Well #4 (CLAC 75720): Based on a review of the Well Report, Applicant's Well #4 seems to protect the groundwater resource.

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

Applicant's Well #5 (CLAC 72846): Based on a review of the Well Report, Applicant's Well #5 seems to protect the groundwater resource.

The construction of Well #5 may not satisfy hydraulic connection issues.

Applicant's Well #7 (CLAC 75843): Based on a review of the Well Report, Applicant's Well #7 seems to protect the groundwater resource.

The construction of Well #7 may not satisfy hydraulic connection issues.

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765) Instructions for completing this report are of

WELL I.D. #L 28524 START CARD# 120449

Instructions for completing this report are on the last page of this form.		
(1) OWNER: Well Number	(9) LOCATION OF WELL by legal descript	ion:
Name Bill Patterson	County Clackers 5 Latitude	Longitude
Address P.D. Bx. 99	Township 2 or S Range 4	E or W. WM.
City Borna State Or Zip 97009		<u> </u>
(2) TYPE OF WORK	Tax Lot <u>3900</u> Lot Block	Subdivision
New Well Deepening Alteration (repair/recondition) Abandonment	Street Address of Well (or nearest address) 2	9105 SE WEITZ LI
(3) DRILLMETHOD:	Eagle Creek Or, 97	622
Rotary Air Rotary Mud Cable Auger	(10) STATIC WATER LEVEL:	13 = 20
Other	ft. below land surface.	Date 12 -17-98
(4) PROPOSED USE:	Artesian pressure lb. per square in	-
Domestic Community Industrial Irrigation	(11) WATER BEARING ZONES:	
Thermal Injection Livestock Other		
(5) BORE HOLE CONSTRUCTION:	Depth at which water was first found 248	
Special Construction approval Yes No Depth of Completed Well 280 ft.	•	
Explosives used Yes No Type Amount	From To	Estimated Flow Rate SWL
HOLE SEAL	35 58 5	ealed OFF 22
Diameter From To Material From To Sacks or pounds	248 256 4	16 +
Diameter From To Material From To Sacks or pounds 12 O ES Carent O 193 51 SackS		RECEIAED
15" 65 193		
811 193 280		DEO 9 9 1000
0 110 200	(12) WELL LOG:	UEU & & 199 0
How was seal placed: Method A B C D BE	Ground Elevation	WATER RESOURCES DEPT.
	Ground Elevation	SALEM, OREGON
Backfill placed from ft. to ft. Material	Material	From To SWL
	Top Soil	0 2
Clare, planet 2 m	clay + Rolders	2 35
(6) CASING/LINER:	Grave L& Bolders	35 58 12
Diameter From To Gauge Steel Plastic Welded Threaded	Clay Blue	58 45
		65 160
	clay say	160 170
	Clay Blue	170 210
	clay Gray	210 215
Liner: 6 180 240 200	Clay Blue	215 235
	Clay Gray	
Final location of shoe(s)	clay Blue	
(7) PERFORATIONS/SCREENS:	Sand Multi Colored	
Perforations Method	clas Gray	256 270
Screens Type 10 SCOT Material PUC	Clay Blue DECEIVE	270 280
Slot Tele/pipe Casing Liner	THE RESERVE THE PARTY OF THE PA	
From To size Number Diameter size Casing Liner 246 280 1084		
	FEB 2 3 1999	
	WATER RESOURCES D	pr
	SALEM, OREGON	
(8) WELL TESTS: Minimum testing time is 1 hour	Date started 11-25-78 Complete	
Flowing	(unbonded) Water Well Constructor Certification	
Pump ☑Bailer ☐ Air ☐ Artesian	I certify that the work I performed on the constru	ction, alteration, or abandonment
Yield gal/min Drawdown Drill stem at Time	of this well is in compliance with Oregon water sup Materials used and information reported above are to	rue to the best of my knowledge
40 ⁺ 3' 1hr.	and belief.	· / ->
		WWC Number 15/2
	Signed Thomas Youghan	Date 12-17-98
Temperature of water 56 Depth Artesian Flow Found	(bonded) Water Well Constructor Certification:	
Was a water analysis done? Yes By whom	Laccent responsibility for the construction, altera	ation, or abandonment work
Did any strata contain water not suitable for intended use? Too little	performed on this well during the construction dates	s reported above. All work
Salty Muddy Odor Colored Other	performed during this time is in compliance with Or construction standards. This report is true to the ber	st of my knowledge and belief.
-		WWC Number 2-5-7
Depth of strata:	Ad O. Loundhers	Date 7-17-98
ORIGINAL WATER RESOLUTOES DEPARTMENT FIRST COPY - C	ONSTRUCTOR SECOND COPY - CUSTOMER	₹

State of Oregon WATER WELL REPORT (as required by ORS 537.765)

Page 1 of 1

State Well ID L44582 Start Card # 126951

(1)	OWNER: Name Address City	PATTERSON NU 14990 SE ORI BORING			l No. L4 St OR	4582 Zip 97009	(9) LOCATION OF WELL County CLACK Township 2 S Section 31 Tax Lot 3900	Lat. ° ¹ Range NW	" 4 E W 1/4 SE		° r i	•
(2)	TYPE OF	WORK: NEW WEL	_L				Street Address of 29105 SE WEITZ F	Well (or neares	st Address)	1	31011	
		THOD: ROTARY USE: IRRIGAT					•	EVEL: ow land surface. ure lb pe				2 <u>5/0</u> 1
(5)	Special	E CONSTRUCTION Construction es used NO HOLE From To 0 62 62 195 195 280		SEAL F	Amou rom To	Amount 39 SACKS 42 SACKS	(11) WATER BEARING 2		t found 20) .ow Rate GPM		SWL 18 122
	Seal pla	cement method	d C	 . -			(12) WELL LOG:					
	Backfi	ll: from	_ ft to	_ ft	Material				Ground el		۰	
	Gravel	: from	_ ft to	_ ft :	Size		•	terial		From	To	SWL
/41	CASING/L	INED.			·····		TOP SOIL SOIL & CLAY			0 2	2 4	
(0)	Diam		To Gauge	Materi	al	Connection	BROWN CLAY			4	10	
Cas				STEEL		WELDED	GRAVEL, BOULDERS	& SAND		10	54	18
	8		210 .250	STEEL		WELDED	BLUE CLAY			54	90	
							GRAY SAND & CLAY			90	111	
							BLUE CLAY			111	146	
Lin	er				<u> </u>		GRAY CLAY			146	192	
							BLUE CLAY			192	240	
FIR	at Locati	on of shoe(s)) 135, 3 1/	2" (UBE)	х		BLUE CLAY WITH SE	AMS OF COARSE C	EMENTED	240	260	122
(7)		IONS/SCREENS:	•				BLUE CLAY	RECEIVE		260	280	122
	[_] Scr	eens Type		Ma	aterial _			FEB 0 1 200	<u> </u>			
		Slot			Tele/pip	e		1	71			
	From	To Size	Number D	iam.	Size	Casing/liner	WATE	RESOURCES	J DEPT			
							Date started 1/10	ALEM, OREGO	^{71∜} Complete	d <i>1/2</i>	5/01	
(8)	WELL TES		testing time	is 1 ho			(unbonded) Water We the work I performe onment of this well well construction s reported above are	ed on the constr . is in complian standards. Mater	ruction, al nce with Or rials used	teration egon was and inf and be	on, or ater su formati	aband- upply ion
	Yield GPI		own	at		Time	Signed					
	80			280		1 hr.						
	80		······································	280		2 hr	(bonded) Water Well sibility for the co performed on this w above. All work pe	onstruction, altwell during the	teration, o	r aband ∶ion dat	donment es rep	t work corted
	Temperate	ure of water		•		ow Found	with Oregon water s	supply well cons	struction s	tandard	ls. Th	
		r analysis do					report is true to t	he pest of my k	powi edge a			
		or water not strata	suitable fo	r use _			Signed LLA	Will	low		lumber 1/30/	

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) **CLAC 75335**

10/18/2019

WELL I.D. LAB START CAL ORIGINAL LO

		rage 1 01 1
EL# L	132924	
RD#	1044096	
OG#		

(1) LAND OWNER Owner Well I.D.		
First Name Last Name	(9) LOCATION OF WELL (legal description)	
Company PATTERSON NURSERY SALES	County CLACKAMAS Twp 2.00 S N/S Range 4.00	E E/W WM
Address PO BOX 99	Sec 31 SW 1/4 of the NE 1/4 Tax Lot 2	
City BORING State OR Zip 97009	Tay Man Number	.,,,,
(2) TYPE OF WORK New Well Deepening Conversion	Let ° "Or	DMS or DD
Alteration (complete 2a & 10) Abandonment(complete 5a)	Tax Map Number Lot Lat " or Long " or	DMS or DD
(2a) PRE-ALTERATION	Street address of well Nearest address	DIVIS OF DD
Dia + From To Gauge Stl Plstc Wld Thrd Casing:	29300 SE BURNETT RD EAGLE CREEK OR 97022	
Material From To Amt sacks/lbs	29300 SE BURNETT RD EAGLE CREEK OR 9/022	
Seal:		
(3) DRILL METHOD	(10) STATIC WATER LEVEL	
	Date SWL(psi) -	+ SWL(ft)
Reverse Rotary Other	Existing Well / Pre-Alteration	
	Completed Well 9/30/2019	178
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?]
Industrial/ Commericial Livestock Dewatering	WATER BEARING ZONES Depth water was first found	365.00
Thermal Injection Other	SWL Date From To Est Flow SWL(psi)	+ SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy		
Depth of Completed Well 380.00 ft.	9/30/2019 365 380 100	178
BORE HOLE SEAL sacks/		
Dia From To Material From To Amt lbs		
12 0 161 Cement 0 161 80 S	1	
6 161 380 Calculated 25	1	
	(11) WELL LOC	
Calculated	(11) WELL LOG Ground Elevation	
How was seal placed: Method A B XC D E	Material From	To
Other	Brown clay w/ cobbles/boulders 0	64
Backfill placed from ft. to ft. Material	Gray clay 64	81
Filter pack from ft. to ft. MaterialSize	Blue clay 81	89
Explosives used: Yes Type Amount	Brown clay 89	110
	Gray clay 110	125
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	Brown clay 125 Gray clay 138	138 164
Proposed Amount Actual Amount	Brown clay 164	210
(6) CASING/LINER	Gray clay 210	263
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Small white gravel w/ wood 263	365
	Gray gravel w/ seams of blue clay 365	375
●	Gray gravel w/ seams of blue clay 365	375
	Brown sandstone 375	380
Shoe X Inside Outside Other Location of shoe(s) 380		
<u> </u>		
Temp casing Yes Dia From + To		
(7) PERFORATIONS/SCREENS		
Perforations Method		
Screens Type Johnson Material Stainless steel	Date Started 8/2/2019 Completed 9/30/2019)
Perf/ Casing/ Screen Screen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification	
Screen Liner Dia From To width length slots pipe size Screen Casing 6 290 380 12	I certify that the work I performed on the construction, deeper	ning, alteration, or
Serech Cusing 0 270 300 12	abandonment of this well is in compliance with Oregon v	
	construction standards. Materials used and information reported	d above are true to
	the best of my knowledge and belief.	
	License Number 1738 Date 10/18/2019	
(8) WELL TESTS: Minimum testing time is 1 hour		
Pump Bailer • Air Flowing Artesian	Signed VANCE WAGNER (E-filed)	
	(bonded) Water Well Constructor Certification	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 100 380 2.5		on on aboudanment
300 2.3	I accept responsibility for the construction, deepening, alteration work performed on this well during the construction dates reported	
	performed during this time is in compliance with Oregon v	
Townsenters 55 °C Lab analysis Vos Dec	construction standards. This report is true to the best of my know	
Temperature 55 °F Lab analysis Yes By Yes (Assoribe below) TDS amount 57 ppm	·	<u> </u>
Water quality concerns? Yes (describe below) TDS amount 57 ppm From To Description Amount Units	License Number 1738 Date 10/18/2019	
	Signed VANCE WAGNER (E-filed)	
	Contact Info (optional)	
	· vr····/	
ODICINAL WATER RECOIDES I	SED A DIMENIT	

Amended 12/9/2024 **WELL I.D. LABEL# L** ₁₃₇₄₇₉ STATE OF OREGON CLAC 75720 START CARD# 1046843 WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) 4/16/2020 ORIGINAL LOG# (1) LAND OWNER Owner Well I.D. First Name Last Name (9) LOCATION OF WELL (legal description) Company PATTERSON NURSERY SALES County CLACKAMAS Twp 2.00 S N/S Range 4.00 E E/W WM Address P.O. BOX 68 Sec 31 SW 1/4 of the NE 1/4 Tax Lot 2700 City EAGLE CREEK Zip <u>9702</u>2 State OR Tax Map Number _ × New Well Deepening (2) TYPE OF WORK Alteration (complete 2a & 10) Abandonment(complete 5a) " or DMS or DD (2a) PRE-ALTERATION Street address of well Gauge Stl Plstc Wld Thrd 29105 SE WIETZ LN Material From To Amt sacks/lbs Seal: (10) STATIC WATER LEVEL (3) DRILL METHOD SWL(psi) SWL(ft) X Rotary Air Rotary Mud Cable Auger Existing Well / Pre-Alteration Reverse Rotary Other Completed Well Domestic X Irrigation Flowing Artesian? Dry Hole? (4) PROPOSED USE Livestock Dewatering Industrial/ Commericial WATER BEARING ZONES Depth water was first found 50.00 Thermal Injection Other SWL Date Est Flow SWL(psi) + SWL(ft) From To (5) BORE HOLE CONSTRUCTION Special Standard (Attach copy 4/9/2020 50 Depth of Completed Well 329.00 ft. 4/15/2020 260 120 141 BORE HOLE **SEAL** sacks/ Dia From Material From To Amt lbs 12 190 190 11566 P 0 Cement w/2% Bentonite Calculated 5133.76 (11) WELL LOG Calculated Ground Elevation |X|C То How was seal placed: Method A From Material top soil Other 1.5 __ ft. to ___ __ ft. Material Backfill placed from _ cobbles & brown clay 12 gravel w/ cobbles 64 Filter pack from _____ ft. to ____ ft. Material __ gray clay 120 Explosives used: Yes Type___ Amount blue / gray sandy clay 120 148 (5a) ABANDONMENT USING UNHYDRATED BENTONITE 252 Proposed Amount Actual Amount blue/ gray claystone brown sandstone 260 (6) CASING/LINER coarse black sandstone w/ pumice w/b 260 281 Dia Plstc Casing Liner From To Gauge Wld Thrd 281 blue/ gray claystone w/ coarse black s.s 315 $|\mathbf{X}|$ blue/gray clay 329 Other Inside X Outside Location of shoe(s) 261 Temp casing X Yes Dia 12 From + X 2 (7) PERFORATIONS/SCREENS Perforations Method Screens Type factory slotted Material pvc Date Started4/7/2020 Completed 4/15/2020 Perf/ Casing/ Screen Scrn/slot Slot # of Tele/ (unbonded) Water Well Constructor Certification Screen Liner From To width length slots pipe size Screen Liner I certify that the work I performed on the construction, deepening, alteration, or 329 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 (8) WELL TESTS: Minimum testing time is 1 hour Signed Flowing Artesian Pump O Air Bailer (bonded) Water Well Constructor Certification Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 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. °F Lab analysis Yes By_ Temperature 57 License Number 1771 Water quality concerns?
From To Yes (describe below) TDS amount 109 Date 4/16/2020 Signed GEORGE YOUNGBERG (E-filed)

Contact Info (optional) Youngberg Pump and Well Drilling ph. 503-630-3970

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

WELL I.D. LABEL# L	118532	
START CARD#	212551	
ORIGINAL LOG#		

(1) LAND OWNER Owner Well I.D	
First Name Last Name	(0) LOCATION OF WELL (local description)
Company Patterson Nursery Sales, Inc.	(9) LOCATION OF WELL (legal description)
Address PO Box 99	County CLACKAMA Twp 2 S N/S Range4 E E/W WM
City Boring State OR Zip 97009	Sec 31 SE 1/4 of the NW 1/4 Tax Lot 1400
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number 2 4E 31B Lot
Alteration (complete 2a & 10) Abandonment(complete 5a)	Lat°' or DMS or DD
(2a) PRE-ALTERATION	Long or bivise of bb
Dia + From To Gauge Stl Plstc Wld Thrd	
Casing:	29300 SE Burnett Rd, Eagle Creek, OR 97022
Material From To Amt sacks/lbs	
Seal:	(4.0) COLLADACIANA DESERVA
(3) DRILL METHOD	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
Rotary Air Rotary Mud Cable Auger Cable Mud	Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration
Reverse Rotary Other	Completed Well 01-19-2017 138
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?
Industrial/ Commercial Livestock Dewatering	
	WATER BEARING ZONES Depth water was first found $\frac{2}{2}$
ThermalInjectionOther	SWL Date From To Est Flow SWL(psi) + SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)	$N_{\bullet}M_{\bullet}$ $\stackrel{2}{\sim}$ $\stackrel{49}{\sim}$ $N_{\bullet}M_{\bullet}$
Depth of Completed Well 432 ft.	1 N. M. 2 49 N. M. N. M. N. M.
BORE HOLE SEAL sacks/	
Dia From To Material From To Amt lbs	
20 0 54 Cement 0 10 15 S	
16 54 222 Calculated 10 12 222 446 Bentonite Chips 10 35 317 S	1
Calculated 37	(11) WELL LOG Ground Elevation
How was seal placed: Method A B C D E	Ground Elevation
Other Pour & Probe Bent.	Material From To See Attached Formation Log
Backfill placed from 432 ft. to 446 ft. Material Pea Gravel	
Filter pack from 200 ft. to 250 ft. Material CSSI Size 10/20	
Explosives used: Yes Type Amount —	
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	DEATH OF THE PARTY
Proposed Amount Pounds Actual Amount Pounds	RECEIVED BY OWRD
(6) CASING/LINER	
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	FFR 0.6 2017
	PEB VO CUIT
8 X 1.5 227 .250 X	
8 242 316 .250	CALEAR AG
	SALEM, OR
6 317 357 .250	
Shoe Inside Outside Other Location of shoe(s)	
Temp casing Yes Dia From To	
(7) PERFORATIONS/SCREENS	
Perforations Method	
Screens Type V-Shaped Wire Wrap Material 304SS	Date Started 11-15-2016 Completed 01-20-2017
Perf/ Casing/ Screen Scm/slot Slot # of Tele/	
Screen Liner Dia From To width length slots pipe size Screed 8 227 242 0.04	(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
Scree 6 357 422 0.04 cont. Ps	construction standards. Materials used and information reported above are true to
	the best of my knowledge and belief.
	License Number 1/97 Date 02-01-2017
(8) WELL TESTS: Minimum testing time is 1 hour	2 02-01-2017
• •	Signed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 65 89 8	(bonded) Water Well Constructor Certification
05 05	I accept responsibility for the construction, deepening, alteration, or abandonment
	work performed on this well during the construction dates reported above. All work
7 OF 1 1 OF 1	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.
Temperature 56 °F Lab analysis Yes By	,
Water quality concerns? Yes (describe below) TDS amount 120 ppm From To Description Amount Units	License Number 649 Date 02-01-2017
	02-01-2017

CLAC 72846

WATER SUPPLY WELL REPORT - continuation page

	ORIGINAL LOG #
(2a) PRE-ALTERATION	Water Quality Concerns
Dia + From To Gauge Stl Pistc Wld Thrd	From To Description Amount Units
Material E T T A 1 d	
Material From To Amt sacks/lbs	
(5) BORE HOLE CONSTRUCTION	(10) STATIC WATER LEVEL
	SWL Date From To Est Flow SWL(psi) + SWL(ft)
BORE HOLE SEAL sacks. Dia From To Material From To Ant the	229 232 600
Waterial From 10 Aint 108	1 101 10 2017 2 224 226 2 1 1 1 1 1 1 1 1 1
Cement 35 175 145 S	238 240 238 363 2 3 3 3 2 3 3 3 2 3 3 3 3 3 3 3 3 3 3
Calculated 37	358 363 ¢ 3 53
Calculated	
Calculated	
Calculated	
FILTER PACK From To Material Size	(11) WELL LOG
250 432 Gravel pea	Material From To
230 432 Glaver pea	National 10
(6) CASING/LINER	
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	
Zino. Dia + 1100 10 Cargo Un 1100 Wa 1110	· · · · · · · · · · · · · · · · · · ·
K XI I I I K X H H	
	RECEIVED BY OWRD
	HEOLIVED DI GIA
(7) PERFORATIONS/SCREENS	
Perf/ Casing/ Screen Scrn/slot Slot # of Tele	
Screen Liner Dia From To width length slots pipe si	ze
	HI CONTRACTOR
	SALEM, OR
	_
	-
	1
	Comments/Remarks
	<u> </u>
(8) WELL TESTS: Minimum testing time is 1 hour	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	
Barmin Dianomi Dili sienvi mith nebut Duration (ut.)	
	Bottom of the 6" has a welded steel plate. Diameters are nominal.
	Annulus from 175' to bottom of 12" casing has slough.
	11

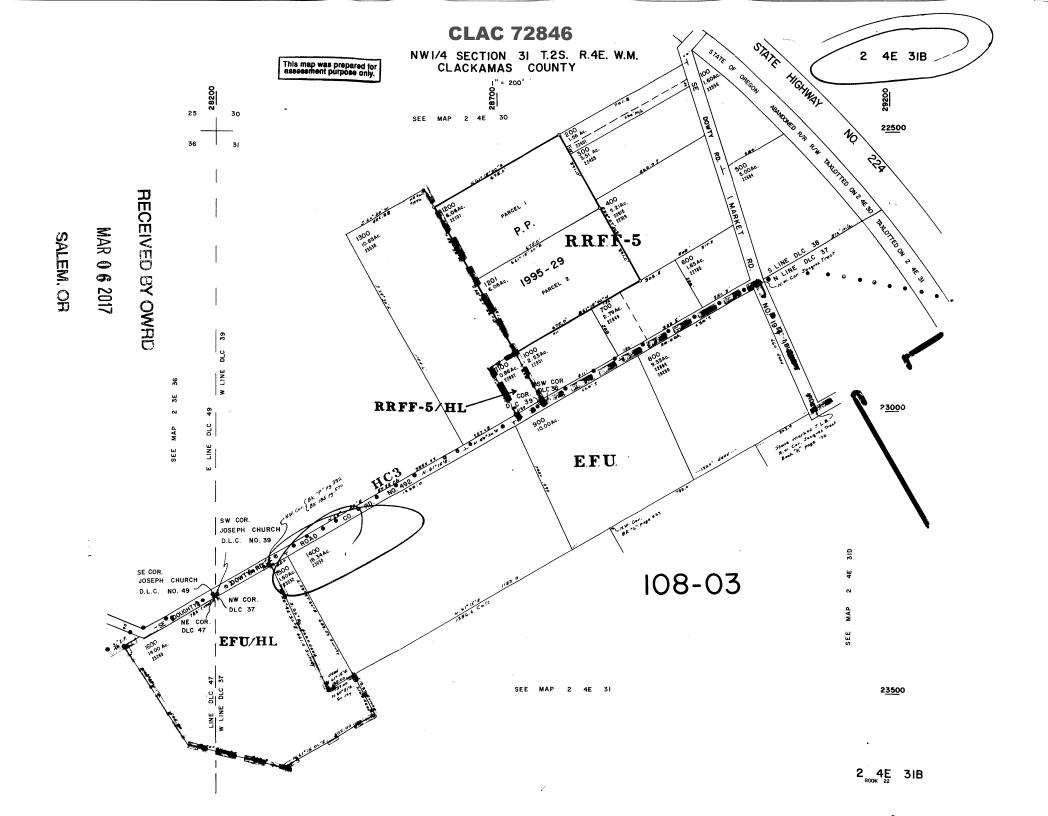
CLAC 72846

Clerc 77846

Patterson - Well # 5 Replacement Start Card # 212551 - Well Tag ID # L 118532

Formation Log by Schneider Water Services

<u>FM</u>	<u>TO</u>	DESCRIPTION	
0	2	Topsoil	
2	7	Cobbles and gravel, with clay, tan soft, with sand brown, medium-fine	
7	49	Cobbles and gravel, with sand brown, medium-fine	
49	51	Clay, brown, medium, sandy	
51	90	Clay, blue-grey, soft-medium, sticky	
90	133	Sand, grey and black, fine	
133	193	Clay, green, medium	
193	204	Clay, dark grey, soft-medium, sticky	
204	216	Clay, grey, medium	
216	224	Clay, dark brown, soft-medium	
224	229	Clay, dark grey, with sand, dark grey, cemented, hard	
229	232	Sand, dark grey, fine	
232	234	Clay, green, soft	
234	236	Sand, black, medium-coarse, occasonal gravel, 1/4" minus	
236	238	Clay, grey, medium	
238	240	Claystone, light grey, with sand, medium-coarse	
240	250	Clay, green, medium	
250	260	Clay, grey, soft-medium, silty	
260	284	Clay, green medium	
284	292	Clay, grey, medium	
292	293	Clay, green, medium	RECEIVED BY OWRD
293	301	Clay, blue, medium	S. SWILD
301	310	Clay, brown, medium, sticky	FEB 06 2017
310	313	Clay, multicolored, soft	0 0 2017
313	315	Clay, red, soft-medium	SALEM, OR
339	349	Clay, brown, medium, some sand, brown, fine-medium	and and the same of the same o
349	351	Pumice, grey, medium	
351	358	Clay, brown, medium	
358	363	Sand, grey, medium-fine	
363	367	Clay, light brown, medium	
367	372	Clay, brownish red, soft-medium, with cemented sand, grey, medium-fine	
372	390	Sand, multicolored, fine-course	
390	411	Siltstone, brown, hard, with some rock	
411	422	Sandstone, grey, soft-hard, with some rock	
422	442	Rock, grey, medium, some fractures, some weathering, occastional rock, brown, medium	ım
442	444	Rock, brown and grey, soft-medium, with clay, grey hard	
444	446	Rock, grey & brown, soft-medium, with clay grey hard	
		, <u> </u>	



STATE OF OREGON WATER SUPPLY WELL REPORT CLAC 75843

Page 1 of 2 WELL I.D. LABEL# L 137486 START CARD # 1047542

(as required by ORS 537.765 & OAR 690-205-0210)	6/24/2020) ORIGINAL	_	047342	
First Name Last Name		LOCATION OF WELL	(legal des	cription)	
Company PATTERSON NURSERY SALES	` ′	ty CLACKAMAS Twp 2.00		_	E E/W WN
Address PO BOX68	— Sec	31 SW 1/4 of the	NE 1/4	4 Tax Lot 2	700
City EAGLE CREEK State OR Zip 97022 2) TYPE OF WORK New Well Deepening Converged	ersion Tax I	Map Number' or or or or or or or or		Lot	
Alteration (complete 2a & 10) Abandonment(cor	mplete 5a) Lat	or			DMS or DD
2a) PRE-ALTERATION	Long	or	-		DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd Casing:	201/	(•) Street address of well 05 SE WIETZ LN	(Neare	st address	
Casing: Material From To Amt sacks/lbs	2910	D SE WIETZ LN			
Seal:	<u> </u>				
3) DRILL METHOD	(10)	STATIC WATER LEV			
X Rotary Air Rotary Mud Cable Auger Cable Mud		Existing Well / Pre-Alteration	Date	SWL(psi) -	F SWL(ft)
Reverse Rotary Other			5/18/2020		137.3
4) PROPOSED USE Domestic X Irrigation Community		Flowing Artes	ian?	Dry Hole?	
Industrial/ Commericial Livestock Dewatering	WAT	ER BEARING ZONES	Depth water	was first found	250.00
Thermal Injection Other	_ sv	VL Date From To	Est Fl	ow SWL(psi)	+ SWL(ft)
5) BORE HOLE CONSTRUCTION Special Standard (A	Attach copy)	18/2020 250 36	0 180	n	137.3
Depth of Completed Well 400.00 ft.	[0/	16/2020 250 50	0 100	0	137.3
BORE HOLE SEAL	sacks/				
Dia From To Material From To Ar					
12 0 161 Cement w/2% Bentonity 0 80 47 8 161 400 Calculated 216	700 P				
Bentonite Chips 80 161 4	48 S	WELLIOC			
Calculated 45	0.93		d Elevation		
How was seal placed: Method A B XC D		Material		From	To
★ Other POURED & HYDRATED Backfill placed from ft. to ft. Material		n clay el & cobbles		6	68
Filter pack from ft. to ft. Material Size _	blue	gray clay		68	86
Explosives used: Yes Type Amount	1 5 2 2	gritty clay		86	105
5a) ABANDONMENT USING UNHYDRATED BENTONIT	0144	/ gray claystone claystone		105 179	179 211
Proposed Amount Actual Amount		claystone		211	258
6) CASING/LINER		stone w/ pumice		258	317
Casing Liner Dia + From To Gauge Stl Plstc V	wia inta i	one coarse		317	365
\bigcirc	× ceme	ented gravel claystone		365 391	391 400
○ 6 246 306 200 ○ ●		Claystone		371	400
6 384 390 200	$H H \blacksquare$				
	\dashv \dashv \Vdash				
Shoe Inside Other Location of shoe(s) 363					
Temp casing \times Yes Dia 12 From + \times 1 To 80					
7) PERFORATIONS/SCREENS					
Perforations Method push down perforator					
Screens Type factory slot Material pvc	Date	e Started <u>6/3/2020</u>	Comple	eted <u>6/18/2020</u>)
Perf/ Casing/ Screen Scrn/slot Slot # of Screen Liner Dia From To width length slots	Tele/ pipe size (unl	oonded) Water Well Construct	or Certificat	tion	
Perf Casing 8 250 360 .25 1 2040	I cer	tify that the work I performed			
Screen Liner 6 306 346 .32		donment of this well is in o			
Screen Liner 6 346 366 .35 Screen Liner 6 366 384 .1		truction standards. Materials us best of my knowledge and belief.		шаноп геропес	i above are true to
Screen Liner 6 390 400 .1		nse Number	Date		
8) WELL TESTS: Minimum testing time is 1 hour	'				
Pump Bailer Air Flowing Ar	rtesian Sign	ed			
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr		ded) Water Well Constructor	Certification	1	
180 62 336 8		ept responsibility for the const	ruction, deep	ening, alteration	n, or abandonme
		performed on this well during t			
		ormed during this time is in a truction standards. This report is			
Temperature 57 °F Lab analysis Yes By	-	_		-	reage and benefit.
Water quality concerns? Yes (describe below) TDS amount 112 From To Description Amount	Units Lice	nse Number 1771	Date	6/24/2020	
	Sign	CECITOE TOUTIONER			
	Cont	act Info (optional) Youngberg F	ump & Well	Drilling ph. 50	3-630-3970
ORIGINAL - WATER RES	SOURCES DEPAR	FMENT			

CLAC 75843

WE

ELL I.D. LABEL# L	137486	
START CARD #	1047542	
ORIGINAL LOG#		

continuation page	6/24/2020		ORIGINAL L		17342	
2a) PRE-ALTERATION	Water	Quality Cor	icerns	·		
Dia + From To Gauge Stl Plstc Wld Thrd	From	То	Descri	ption	Amou	nt Units
Material From To Amt sacks/lbs						
5) BORE HOLE CONSTRUCTION	$\overline{(10) \text{ ST}}$	ATIC WA	TER LEVEL			
DODE HOLE GEAL	acks/ SWL D	ate Fron	n To	Est Flow	SWL(psi)	+ SWL(ft)
Dia From To Material From To Amt						
Calculated						
Calculated						
Calculated						
Calculated						
FILTER PACK From To Material Size	(11) WI	ELL LOG				
From To Material Size		Mate	erial		From	То
6) CASING/LINER						
Casing Liner Dia + From To Gauge Stl Plstc Wld T	hrd					
88 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -						
88-1-88-1						
7) PERFORATIONS/SCREENS						
Perf/ Casing/ Screen Scrn/slot Slot # of	Tele/					
Screen Liner Dia From To width length slots pi	pe size					
	Comme	ents/Rema	rks			
(8) WELL TESTS: Minimum testing time is 1 hour						
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr						
]					
] []					