

TRANSMITTAL LETTER

To: Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301

Attn: Tamara Smith via email

Date: November 9, 2021

Job Number: 10176.001

RE: Transfer Application T-13800

We are sending:

Number of Copies	Date	Description
. 1	11/9/2021	Revised Table 1 for Transfer T-13800
1	1965	Water Well Report MALH 1821
1	1965	Water Well Report MALH 1823
	•	

The above	are transmitted as indica	ated b	elow:		
☐ For Si	ignature		For Your Use	\boxtimes	As Requested
☐ For R	eview and Comment		Other (see comments)		Returned to You
Delivery m	ethod:				
U.S. M	fail .		Overnight Mail		Email
Comments:					
Tamara,					
We are prov	iding the attached docume	ents in	response to your November 9, 2021	letter	to Stephen S. and
	cla regarding Transfer T-			•	
			Thank you,		
Steven 1	Recla (via email) Boon (via email) th Howard (via email)	•	Signed	e, RG	, CWRE RECEIVED
					NOV 9 2021

Part 5 of 5 - Water Right Information

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

CERTIFICATE # 42665

Description of Water Delivery Syste	em
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System capacity: At least 1.70 cubic feet per second (based on 0.78 cfs for Well 1 and 0.92 cfs for the Well 2 booster pump) (cfs) OR

_____ gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines, and sprinklers used to divert, convey, and apply the water at the authorized place of use. <u>Two wells are used to appropriate groundwater to operate sprinklers and a portion of a pivot and to flood irrigate.</u>

Well 1 has a 25-hp submersible pump. The well was recently tested and yielded 350 gpm (0.78 cfs).

Well 2 had a 15-hp centrifugal pump and a 20-hp booster pump. The online calculator available to CWREs indicates the theoretical capacity of the 15-hp pump in the well is 1.16 cfs (approximately 520 gpm), assuming an operating pressure of 20 psi and a pumping lift of 35 feet. The theoretical capacity of the 20-hp booster pump is 0.92 cfs (approximately 413 gpm), assuming an operating pressure of 60 psi.

There are three wheel lines that each have 33 nozzles that deliver 5 gpm/nozzle, for a total of 495 gpm (1.1 cfs). The pivot is rated for 950 gpm (2.1 cfs). The main concrete-lined ditch for flood irrigation is 46 inches wide at the top, 10.5 inches wide at the bottom and 18-inches deep. The Department's online calculators available to CWREs indicates the ditch capacity would be 4.6 cfs CEIVED assuming a fall of 6 inches per 1,000 feet.

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA) (Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

OWRD Tax Is this POD/POA IF POA, OWRD Lot, POD/POA Measured Distances Authorized on Well Log ID# DLC Name or (from a recognized the Certificate or (or Well ID Twp Rng Sec 16 X or Number survey corner) is it Proposed? Tag#L-__) Gov't Lot VIL 11/9/21 Authorized 1380 ft N and 60 ft E from Well 1 MALH 1817 19 S 44 E 11 NW SW 1100 Proposed SW corner, Section 11 1821, ILB 11/9/2) MALH 1816 **Authorized** 900 ft N and 870 ft E from Well 2 19 S 44 E 1200 11 SW SW Proposed SW corner, Section 11 1823 **MALH 2821** 2450 ft N and 200 ft E Authorized Well 3 AND MALH 19 S 44 E 10 NW SW 1100 from SW corner, Section □ Proposed 51499 Authorized 3320 ft N and 40 ft E from Well 4 MALH 1812 19 S 44 E 10 NW SW 1100 Proposed SW corner, Section 10 Authorized 1340 ft N and 2470 ft W Well 5 44 E 19 S 10 NW SE 1200 □ Proposed from SE corner, section 10

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

NOV 9 2021

	1822) DE	CELL	IEM	INVEA	7 2	
NOTICE TO WATER WELL CONTRACTOR	EVER	IN NO	OV 10 19	365			
The original and first copy	T 1 4000	LL REPORT	EENG	INEER	19	hu -	11 N
of this report are to be an a C C filed with the STATE ENGINEER, SALEM HOWREGON		one or print)			1 No.	/74-	
within 30 days from the data 4 1 correction.	ENGINEER	G-3	341	•	mit No		-
1 1 1 m to 1	4 CRESON	1					
(1) OWNER:		(11) WELL		lowered b	n is amount velow statio i	evel	77
2000		Was a nump test		-4 -4	The state of the s	The second second	
Address 137 hee		rield: 45D	gal./min.	with 1929	ft. drawdow	n atter	hrs.
- More Wasney (Deco	no.	0	,,		1)		. u
(2) LOCATION OF WELL:		Bailer test	gal./min	. with	ft. drawdor	vn after	hrs.
County Ma Ihuer Driller's well		Artesian flow		g.p.m.			
14 14 Section T.	19-8 п. 44-Е W.M.	Temperature of	water	Was a chemi		made? [] 3	res [] No
Bearing and distance from section or subdivisi	on corner	(40) 2002 2	× 0.00				
South + section 11		(12) WELL		Diameter of			
		Depth drilled	-	ft. Depth of			37 st.
	· · · · · · · · · · · · · · · · · · ·	Formation: Description thickness of stratum penetrations.	f aquifers at	id the kind a	nd nature of	the materi	al in each
		- Perental			ry jur such c	7	jornation.
		100 -057	MATRI	RIAL		FROM	TO
(8) TYPE OF WORK (check):		top soil				0	18
	ditioning	sand and		7		18 33	33
abandonment, describe material and procedu	ure in Item 12.	blue sha	тө			33	31
(4) PROPOSED USE (check):	(5) TYPE OF WELL:					-	
Domestic Industrial Municipal	Rotary Driven D					 	
Irrigation Test Well Other	Cable 法 Jeited 日 Dug 日 Bored 日						
38	Dus D Dover D	· · · · · · · · · · · · · · · · · · ·		 		 	· ·
	readed [] Welded [X					1	
12." Diam. from 0 ft to							
"Dlam. from ft. to	entransfer and the second seco						
"Dlam, fromft, to	ft. Gage						
(7) PERFORATIONS: Per	forated? [XYes [] No						
Type of perforator used torch	Control Control		•				1 2
Size of perforations 1 in by	8 in.					ļ	
130 perforations from18	ft. to 33 ft.						
perforations from	It to It.					· · ·	
perforations from	ft. to ft.					-	
perforations from	at to manufacture st					 	
perforations from	tt to mean st						-
(8) SCREENS: Well screen in	stalled Marie May					 	
Manufacturer's Name	stalled 🛮 Yes 🗆 No			•		1	
	del No.					†	
lam Slot size Set from		Work started	8/1	19 6.5 Co	mbleted (2/7	19 65
Diam, Slot size Set from		Date well drillin				9/8	19 65
				HOVER DIE OF	Metr.	4/0	<u> </u>
(9) CONSTRUCTION:		(13) PUMP	-		. ,		
Well seal-Material used in sealCOMO		Manufecturer's	Name	-		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Depth of seal	Туре:			**********	H.P		
Diameter of well bore to bottom of seal		Water Wall Co		Mark Mark Inc			
Were any loose strata camented off? [] Yes [No Depth	Water Well Co		.=			
Was a drive shoe used? [] Yes [] No		true to the bes		under my j		and this	report is
Was well gravel packed? [] Yes [] No Size		1		Des	n 1.		
Gravel placed from		NAME H.Y.	<u>se //</u>	run	1 + 12 F	ILLING	<u></u>
Did any strata contain unusable water?		Address	1)4/6	OLE.	,	aspe or pru	
Type of water? Depth of	strata	Auuress	أسسىةا،⊞يسة وم	aditoloishere laan ee	***************************************		****************
Method of sealing strate off		Drilling Machi	ine Operate	or's License	No	(p.p	
(10) WATER LEVELS:		[Signed] X	El.	N	unds	X	
Static level] () it, below land	surface Date 9/7/65	[Gigned]	7	(Water W	Contractor)	ECEI	VED
Artesian pressure lbs. per squ	are inch Date	Contractor's L	icense No.	396	Date		, 19
	(USE ADDITIONAL 8	HEBTS IF NECESS	(YFA		N	O Well ⁹	2021

	ELL REPORT NOV 10 1965 F OREGONS: TE ENGINEER. 19	144	-11 <i>N</i>
of well completion. (1) OWNER:	(11) WELL TESTS: Drawdown is amount volumered below static le		
Name Harry Tracy	Was a nump test made? X Yes No If yes, by whom	n? Hys	119
Address 759 fee St.	Yield: 650 gal,/min, with - it. drawdown		hrs.
Inte Ceway Oregon	n ii n	_	b
(2) LOCATION OF WELL:	n n		71
	Bailer test gal./min, with it. drawdow	n after	hrs.
	Artesian flow g.p.m. Date		
	Temperature of water Was a chemical analysis n	nade? 🗆 🤋	es 🗆 No
Bearing and distance from section or subdivision corner South & section 11	(10) HIER F T C C		
DOGGII & BACGIDII II	(12) WELL LOG: Diameter of well below or		1211
	Depth drilled 3 ft. Depth of completed we		3 <u>ft.</u>
	Formation: Describe by color, character, size of materia show thickness of aquifers and the kind and nature of t stratum penetrated, with at least one entry for each c	l and structed the material hange of f	cture, and al in each formation.
	MATERIAL	FROM	TO.
(3) TYPE OF WORK (check):	top soil	0	18
Yew Well ☑ Deepening ☐ Reconditioning ☐ Abandon ☐	sand and gravel	18	30
abandonment, describe material and procedure in Item 12.	yellow clay	30	32
(A) PROPOSED TISE (-L1). (E) WEIGH OF THEY'S	sand and gravel	32	43
(4) PROPOSED USE (check): (5) TYPE OF WELL:			
Domestic Industrial Municipal Rotary Driven Cable Jetted			•
Irrigation X Test Well Other Dug Bored			
(6) CASING INSTALLED: Threaded □ Welded X 12 " Diam. from 0 ft. to 30 ft. Gage 025 15 Gage 025 16 Gage 17 Gage 18 Gage			
(7) PERFORATIONS: Perforated? Of Yes No			
Type of perforator used torch			
Size of perforations 1 in, by 8 in.			
96 perforations from 18 it to 30 it		-	
perforations from			
(8) SCREENS: Well screen installed Yes No			
Type			· ·
Slam. Slot size Set from ft. to ft.			
Diam. Slot size Set from ft. to ft.	Work storted 9/15 19 . Completed	9/17	1965
Tt.	Date well drilling machine moved off of well 9/	20	1965
(9) CONSTRUCTION:	(13) PUMP:		
Well seal-Material used in seal	Manufacturer's Name		
Depth of seel	Тура:	13	······································
Diameter of well bore to bottom of seal	23 Per amendamental de la constante de la cons	14°,	
Were any loose strata comented off? Yes ANO Depth	Water Well Contractor's Certification:		
Was a drive shoe used? [] Yes [XNo	This well was drilled under my jurisdiction a	nd this -	annet to
Was well gravel packed? Yes S No Size of gravel:	true to the best of my knowledge and belief.	THE WILL I	chorr 18
Gravel placed fromft. toft.	11. 444 24 2 . 21		_
Did any strata contain unusable water? Yes XNo.	NAME TUSE! Fum P + DAI	ini q	
	Address 2/8/2 Ohe	rpe or brint	
Method of sealing strate off	/)		
	Drilling Machine, Operator's License No	57	
(10) WATER LEVELS:	21/ 11. 01	FCF	IVED
Static level 10 ft. below land surface Date 9/17/65	[Signed] (Vater Wal Contractor)	T. T. T.	
Artesian pressure lbs. per square inch Date	Contractorio Ticomes No 39/4 Contractori	NOV	0.2021