



TRANSMITTAL LETTER

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

Date: November 9, 2021

Attn: Tamara Smith via email

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 indicated below:

- For Signature For Your Use As Requested
 For Review and Comment Other (see comments) Returned to You

Delivery method:

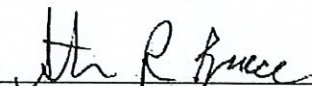
- U.S. Mail Overnight Mail Email

Comments:

Tamara,
We are providing the attached documents in response to your November 9, 2021 letter to Stephen S. and Robert J. Recla regarding Transfer T-13800.

Thank you,

cc. Stephen Recla (via email)
Steven Boon (via email)
Elizabeth Howard (via email)

Signed 
Steven R. Bruce, RG, CWRE

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OWRD

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 System

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. **Two wells are used to appropriate groundwater to operate sprinklers and a portion of a pivot and to flood irrigate.**

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 assuming a fall of 6 inches per 1,000 feet.

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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

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or Is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-___)	Twp	Rng	Sec	¼ ¼	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	<i>SRB 11/9/21</i> MALH-1817-1821	19 S	44 E	11	NW SW	1100	1380 ft N and 60 ft E from SW corner, Section 11
Well 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	<i>SRB 11/9/21</i> MALH-1816-1823	19 S	44 E	11	SW SW	1200	900 ft N and 870 ft E from SW corner, Section 11
Well 3	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	MALH 2821 AND MALH 51499	19 S	44 E	10	NW SW	1100	2450 ft N and 200 ft E from SW corner, Section 10
Well 4	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	MALH 1812	19 S	44 E	10	NW SW	1100	3320 ft N and 40 ft E from SW corner, Section 10
Well 5	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	--	19 S	44 E	10	NW SE	1200	1340 ft N and 2470 ft W from SE corner, section 10

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

