Name COLAHAN ENTERPRISES							
Address P.O. Box 300	DESCRIPTION	OF WATER RIGHT(s)				FEES PAI	
PKISLEY OF 97636	Name of Stream Awa	EU			Date 9/26/14	Amount 1800,00	Receipt : 1/353
Change in APDA	Trib. of CHEW AU	LAN Y					
Date Filed 9.26.14	Use Supplied		County				
Initial notice date 10:14:14	Quantity of water (CFS))	County	(0 (12)			
DPD issued date	Name of ditch_		110101110105				
PD issued date 5-4-15 PD notice date 5-/2-15 Date of FO 7-2-15 Vol 96 Page 502-506	App # G 10931 App # G 10683 App #	Per # (3 10059 Per # (3 9765 Per #	Cert # 99355 Cert # 89546 Cert #	PR Date 4 9 19 PR Date	Date	FEES REF	Receipt#
	App #	Per #	Cert #	PR Date	7/8/15	4833	VP040699
C-Date COBU due date COBU Received date Certificate issued Assignments:	App #	Per #	Cert #	PR Date			
Irrigation District				_			
Agent (JSI WATER SOUTTON - BRUG	CE BRODY-HEIN	NE					
CWRE							
CC's list							
Oversized map – Location							

GRONDIN Jerry H

From:

GRONDIN Jerry H

Sent:

Tuesday, October 20, 2015 2:32 PM

To:

Bruce Brody-Heine

Cc:

GRONDIN Jerry H; GALL Ivan K; BOSCHMANN Darrick E; WALLIN E Timothy;

WOODCOCK Doug E; STARNES Kelly, MAYER Brian M; WOZNIAK Karl C

Subject:

Surprise Valley Electric (files G-17890 & G-17985) & Colahan (T-11894)

Hi Bruce,

Thank you for your multiple e-mail inquiries.

Again, my apologies for my tardy reply given I was out doing field work the week of 12 to 16 October 2015.

I send this e-mail to facilitate a subsequent telephone discussion.

I am addressing the inquires for files G-17890 and G-17985 (Surprise valley Electric) and T-11894 (Colahan Enterprises) in a single e-mail given they relate to the same well field north of Paisley, Oregon, north of the Chewaucan River. Multiple rights and subsequent multiple transfers for various wells in that well field allows groundwater use for geothermal power and/or irrigation. The allowed uses and changes are an accounting challenge.

1. In regards to Transfer T-11894:

You submitted the following request to the Lake County watermaster (Brian Mayer) in a 13 October 2015 e-mail:

"REQUEST: On behalf of Colahan, this letter requests approval from the Department to use an hour-clock in lieu of a totalizing flowmeter for Well 1 also referred to as Hot Well (LAKE 1627, 4448). The Hot Well will be used very infrequently due to the use of the newer production well SVE-1 that is located immediately adjacent to the Hot Well. Therefore, this email requests that the hour clock be used at this location. The hour clock time of operation measurement method is approved for measuring and computing water use under OAR 690-085-0015 (5)(c)."

This morning, I discussed this request with the watermaster given we both requested the totalizing flow meter.

I noted that I requested the totalizing flow meter to improve the accounting of water use from each POA well in the well field to ensure the use at each POA well is within compliance of the existing water rights. Direct flow meter readings are more direct and efficient for determining water use.

I further noted that there are flow meters capable of measuring flowing hot water. An example is well KLAM 55747 which has reported water temperatures of 199 degrees F. It has a GE Aqua Trans flow meter. I looked it up online. It is a clamp-on ultrasonic transducer rated up to 302 degrees F with an accuracy rating of 1 to 5 percent of the flow depending upon the pipe diameter.

Lastly, I noted that if the hour clock method outlined in OAR 690-085-0015 (5)(c) is to be finally approved and used:

- a. The request and approval should formally follow a Department approved process;
- b. The approval should be properly documented and filed in the appropriate water right file(s) to answer any potential future questions about potential non-compliance with the water use measurement and reporting condition.

c. The accuracy of the timer and accuracy of the time to volume conversion needs to be documented, approved, and accessible to Department staff for independent readings and calculation;

2. In regards to file G-17890:

Your 13 October 2015 e-mail to me noted there is a retired USGS geologist and adjunct professor (Silvio Pezzopane) located in Paisley who has been working with Surprise Valley Electric collecting water levels and other water quality parameters as part of the project's overall monitoring program. You then asked:

"Request: SVEC requests an exemption from OWRD to allow Mr. Pezzopane to collect the required monthly water level measurement to satisfy the permit condition. Another option is can Mr. Pezzopane work under a registered geologist who would supervise his work and sign off on the monthly water level forms (with Mr. Pezzopane collecting the actual measurements)."

I discussed the request with the Water Rights Section.

As you noted, the permit condition says the water level measurements "shall be made monthly by a certified water rights examiner, registered professional geologist, registered professional, engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board."

The condition does not include an exemption or exception possibility. The Water Rights Section noted the exemption or exception needed to occur before the final order was issued.

The permit condition specifying who can make the groundwater level measurement is limited for a reason. The list is limited to registered and/or licensed persons who are answerable to their respective boards and who are responsible and answerable for following their code of professional conduct. The purpose is to minimize the risk of poor quality data. That has been a past issue and ongoing concern.

3. In regards to file G-17985:

Your 19 October 2015 e-mail to me noted a desire to possibly conduct an aquifer test with an observation well to obtain more site specific transmissivity and storage coefficient data that may benefit Surprise Valley Electric in regards to calculating groundwater pumping interference to surface water. My review of application G-17985 stated an openness to such a consideration.

Your e-mail floated the possibility of using the "Little Hot Well" (LAKE 1628/LAKE 1626/LAKE 52582) as the pumping well and well SVE-4 (LAKE 52506) as the observation well.

I remain open to the consideration. However, I have very serious concerns about using the "Little Hot Well" given the well has collapsed and filled in up to the bottom of the well casing. At best, the well is a poor quality piezometer. It is uncertain what the test will represent if the "Little Hot Well" is used given its very poor condition.

I recommend our discussing what could make a meaningful test: pumping and observation wells, distance between wells, pumping rate, duration of the pumping period, duration of the recovery period, water level measurement schedule and accuracy, influence of nearby pumping, possible barometric pressure influence, possible earth-tide influence, etc.

I hope this e-mail is useful to you for a subsequent discussion. I am in the office through Thursday this week and all next week, except Wednesday.

Thanks,

	-	r	r	
. 1	ρ	r	•	w

Jerry Grondin, Hydrogeologist Ground Water Hydrology Section Technical Services Division Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301

Phone: 503-986-0848

E-Mail: Gerald.H.Grondin@wrd.state.or.us

Please Note: under Oregon law, messages to and from this e-mail address may be available to the public

			9
1.0			
			*
		X	

WATER RESOURCES DEPARTMENT REQUEST FOR DISTRIBUTION OF FUNDS

TO:	Fiscal Services Section	DATE: 6/29/2015
FROM:	Joan Smith, Transfer Specialist Phone: 503-986-0892	
SUBJECT:	TRANSFER FILE - Request for Pay	ment or Refund
TRANSFER	FILE #: T-11894	RECEIPT #: 115585
Please prepare	payment in the amount of \$48.33, mad	e payable to:
Name: Organization Address: City:	GSI Water Solutions Inc. 147 SW Shevlin Hixon Drive Suite Bend, OR. 97702	e 201
These funds as	re being paid or refunded as a result of (Request for file to be Rejected/Withdra Excess fees were collected for applicat Payment of PON Protest filing fee Other: Over payment of news notice	awn/Misfiled
I have reviewed purpose indicated distribution. Authorized Signature of the purpose indicated signature of the purpose of the purpose indicated signature o	gnature:	Date: 7-2-15

STATE OF OREGON REMITTANCE ADVICE

TO SIGN UP FOR DIRECT DEPOSIT PAYMENT SERVICE AND RECEIVE CONVENIENT, ELECTRONIC PAYMENTS, LOG IN TO HTTP://WWW.OREGON.GOV/DAS/EGS/FBS/SFMS/PAGES/ACH.ASPX ON THE INTERNET. CLICK ON FORMS AND BROCHURES. THEN SELECT DIRECT DEPOSIT (ACH) AUTHORIZATION FORM.

> WARRANT NO. 124032370

WATER RESOURCES DEPARTMENT

(503) 986-0924

INVOICE NO.	INVOICE DATE	INVOICE DESCRIPTION	AGY	DOCUMENT	AMOUNT
	070215	REV REF RCPT#115585 T-11894	690	VP040699	\$48.3
		e e e e e e e e e e e e e e e e e e e			
		*			
8					
ENDOR NAME			SUE DATE 07/08/15		T AMOUNT \$48.33
SI WATER SOLUTION	IS INC		7700/10		ψ40.00

FOLD ON PERFORATION LINE BELOW \square BEFORE DETACHING.

THE FACE OF THIS CHECK HAS A COLORED BACKGROUND " EXPLANATION OF ADDITIONAL SECURITY FEATURES INDICATED ON REVERSE SIDE

STATE OF OREGON

503-986-0924

WATER RESOURCES DEPARTMENT
725 SUMMER ST. NE, SUITE A
SALEM

OR 97301-1271

TO THE STATE TREASURER SALEM, OREGON
PAYABLE THROUGH US BANK
96-10

1232

CHECK DATE 07/08/15

WARRANT NO. 124032370

PAY THIS AMOUNT \$48.33

FORTY EIGHT AND 33/100 DOLLARS

PAY TO THE ORDER OF:

VOID 2 YEARS AFTER DATE ISSUED

GSI WATER SOLUTIONS INC 147 SW SHEVLIN HIXON DR STE 201 BEND OR 97702

AUTHORIZED SIGNATURE



Water Resources Department

North Mall Office Building 725 Summer St NE, Suite A Salem, OR 97301 Phone (503) 986-0900 Fax (503) 986-0904 www.wrd.state.or.us

July 2, 2015

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636

REFERENCE: Transfer Application T-11894

Enclosed is a copy of the final order approving your water right transfer application.

The time allowed to complete the transfer is specified in the final order. YOU SHOULD GIVE PARTICULAR ATTENTION TO THE TIME LIMIT. The water right for any portion of the authorized change in character of use or change in place of use NOT carried out within the time allowed will be lost.

An extension of the time limit can be allowed <u>only</u> upon a showing that diligent effort has been made to complete the actual change(s) within the time allowed.

You are required to hire a Certified Water Rights Examiner (CWRE) to complete a Claim of Beneficial Use report and map which must be submitted to this Department within one year of the date you complete the change(s) or within one year of the completion date authorized in the transfer final order, whichever occurs first.

If you have any questions related to the approval of this transfer, you may contact your caseworker, Joan Smith, by telephone at (503) 986-0892 or by e-mail at Joan.M.Smith@wrd.state.or.us.

Sincerely,

Bethanie Williamson

Water Right Services Support

cc:

Brian M. Mayer, Watermaster Dist. #12 (via email)

Bruce Brody-heine, Agent

Enclosure

BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application)	FINAL ORDER APPROVING
T-11894, Lake County)	ADDITIONAL POINTS OF
)	APPROPRIATION

Authority

Oregon Revised Statute (ORS) 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. Oregon Administrative Rule (OAR) Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636

Findings of Fact

- 1. On September 26, 2014, COLAHAN ENTERPRISES filed an application for additional points of appropriation under Certificates 89355 and 89546. The Department assigned the application number T-11894.
- 2. Notice of the application for transfer was published on October 14, 2014, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
- 3. On May 4, 2015, the Department issued a Preliminary Determination proposing to approve Transfer T-11894 and mailed a copy to the applicant. Additionally, notice of the Preliminary Determination for the transfer application was published on the Department's weekly notice on May 12, 2015 and in the Lake County Examiner newspaper on May 20 and 27, 2015 pursuant to ORS 540.520 and OAR 690-380-4020. No protests were filed in response to the notice.
- 4. On March 23, 2015, the Department mailed a copy of the draft Preliminary Determination proposing to approve Transfer Application T-11894 to the applicant. The draft Preliminary Determination cover letter set forth a deadline of April 24, 2015, for the applicant to respond. The applicants Agent requested that the Department proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.

This final order is subject to judicial review by the Court of Appeals under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482(1). Pursuant to ORS 536.075 and OAR 137-003-0675, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

- 5. On February 25, 2015, the Department contacted the applicant's agent requesting clarification of the well locations, on March 2, 2015; the applicant's agent sent revised well location measurements and a new application map.
- The first right to be transferred is as follows:

Certificate:

89355 in the name of ROSS A. COLAHAN (perfected under Permit G-10059)

Use:

SUPPLEMENTAL IRRIGATION of 80.6 ACRES

Priority Date: APRIL 19, 1983

Rate:

1.01 CUBIC FEET PER SECOND

Limit/Duty:

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each

Source:

A WELL within the GOOSE AND SUMMER LAKE BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1- 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

Authorized Place of Use:

	SUPPL	EMEN	TAL	IRRIGATION	ON
Twp	Rng	Mer	Sec	Q-Q	Acres
33 S	18 E	WM	14	SE SE	36.4
33 S	18 E	WM	23	NE NW	42.1
33 S	18 E	WM:	23	SE NW	2.1
				Total	80.6

7. Transfer Application T-11894 proposes additional points of appropriation with approximate distances from (LAKE 1627, 4448) the existing point of appropriation(POA) to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances	Distance from Existing POA
33 S	18 E	WM	23	NW SW	SVE 1 (LAKE 52530) - 1853 FEET NORTH AND 1208 FEET EAST FROM THE SW CORNER OF SECTION 23	174 feet
33 S	18 E	WM	23	SW NE	SVE 2 (LAKE 52529) - 2665 FEET NORTH AND 1725 FEET WEST FROM THE SE CORNER OF SECTION 23	0.50 mile
33 S	18 E	WM	23	SW NE	LITTLE HOT WELL (LAKE 1628, 1626) - 347 FEET NORTH AND 1386 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 23	0.50 mile

The second right to be transferred is as follows:

Certificate:

89546 in the name of ROSS H. AND DORIS COLAHAN (perfected under

Permit G-9765)

Use:

SUPPLEMENTAL IRRIGATION of 319.4 ACRES

Priority Date: APRIL 9, 1982

Rate:

2.90 CUBIC FEET PER SECOND

Limit/Duty:

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation

season of each year.

Source:

A WELL in the CHEWAUCAN RIVER BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1-1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

Authorized Place of Use:

Twp	SUPPL Rng	EMEN Mer	TAL Sec	IRRIGATIO Q-Q	ON Acres
33 S	18 E	WM	23	NE NE	41.6
33 S	18 E	WM	23	NW NE	41.4
33 S	18 E	WM	23	SW NE	38.8
33 S	18 E	WM	23	SE NE	41.1
33 S	18 E	WM	23	SE NW	39.6
33 S	18 E	WM	23	NE SW	19.9
33 S	18 E	WM	23	NW SW	6.3
33 S	18 E	WM	23	NE SE	8.7
33 S	18 E	WM	24	NE NW	1.2
33 S	18 E	WM	24	NW NW	40.6
33 S	18 E	WM	24	SW NW	38.6
33 S	18 E	WM	24	SE NW	1.4
33 S	18 E	WM	24	NW SW	0.2
				Total	319.4

9. Transfer Application T-11894 proposes additional points of appropriation with approximate distances from the authorized point of appropriation(POA) to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances	Distance from Authorized POA
33 S	18 E	WM	23	NW SW	SVE I (LAKE 52530) - 1853 FEET NORTH AND 1208 FEET EAST FROM THE SW CORNER OF SECTION 23	174 feet
33 S	18 E	WM	23	SW NE	SVE 2 (LAKE 52529) - 2665 FEET NORTH AND 1725 FEET WEST FROM THE SE CORNER OF SECTION 23	0.50 mile
33 S	18 E	WM	23	SW NE	LITTLE HOT WELL (LAKE 1628, 1626) - 347 FEET NORTH AND 1386 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 23	0.50 mile

Transfer Review Criteria (OAR 690-380-4010)

- 10. Water has been used within the last five years prior to the submittal of Transfer Application T-11894 according to the terms and conditions of the rights. There is no information in the record that would demonstrate that the rights are subject to forfeiture under ORS 540.610.
- 11. A pump, pipeline, flood irrigation sites, and sprinkler system sufficient to use the full amount of water allowed under the existing rights were present within the five-year period prior to submittal of Transfer Application T-11894.
- 12. The proposed change as conditioned would not result in enlargement of the rights.
- 13. The proposed change as conditioned would not result in injury to other water rights.
- 14. All other application requirements are met.

Conclusions of Law

The additional points of appropriation proposed in Transfer Application T-11894 are consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000.

Now, therefore, it is ORDERED:

- 1. The additional points of appropriation proposed in Transfer Application T-11894 are approved
- 2. The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 89355 and 85946 and any related decree.
- 3. Water right Certificates 89355 and 89546 are cancelled.
- 4. The quantity of water diverted at the additional points of appropriation, together with that diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.
- 5. Water use measurement and reporting conditions:
 - a. Before water use may begin under this order, the water user shall install a totalizing and instant read flow meter, or, with prior approval of the Director, another suitable measuring device at each point of appropriation new and existing.
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices, provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
 - d. The water user shall maintain a record of all water used each month, including the total number of hours of pumping, the total quantity pumped, and the categories of beneficial use to which the water is applied. The record of use shall be submitted to

the Department annually, or more frequently as may be required by the Director, and shall be submitted to the Watermaster upon request.

- 6. Water shall be acquired from the same aquifer (water source) as the original point of appropriation.
- 7. Prior to using water from any well listed on this application, the water user shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID) which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.
- 8. Wells with pumps shall be equipped with a minimum ¾-inch diameter, unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200. If a pump has been installed prior to the issuance of this permit and if static, water levels and pumping levels can be measured using an electrical tape, then the installation of the measuring tube can be delayed until such time that water levels cannot be measured or the pump is repaired or replaced.
- 9. The proposed additional point of appropriation well (LAKE 1628) original, Little Hot Well (LAKE 1626) deepening shall be reconstructed to meet current well construction standards prior to use. The well reconstruction shall be approved by both Departments Well Construction and Compliance section staff and Department Groundwater section hydrologist staff both located at Department headquarters.
- 10. Full beneficial use of the water shall be made, consistent with the terms of this order, on or before **October 1, 2016**. A Claim of Beneficial Use prepared by a Certified Water Right Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
- 11. After satisfactory proof of beneficial use is received, a new certificate confirming the rights transferred will be issued.

Dated at Salem, Oregon this 2 day of	2015
Dwight French, Water Right Services Administrator, for Thomas M. Byler, Director Oregon Water Resources Department	

Mailing date: _____JUL **0 6** 2015

*

Water Right Transfer Cover Sheet Transfer T-11894 Transfer Specialist: < Transfer Type: Regular Applicant Name/Address: Agent Name/Address: Rec Landowner Name/Address: **COLAHAN ENTERPRISES BRUCE BRODY-HEINE 147** ATTN ERIN DOUGLAS SW SHEVLIN HIXON DR **PO BOX 300** SUITE 201 BEND, OR 97702 PAISLEY, OR 97636 CWRE Name/Number: Irr. District Name/Address: Affected Gov'ts Name/Address: Lake County Commentors: Name/Address: Current Landowner Name/Address: Water Rights Affected Records Records App File No. or Decree Permit No. Certificate RR/CR Needed RR/CR Nos. Marked Copied Name No. Yes ☐ No 89344 G10931 G10059 Yes ☐ No П G10683 G9765 89546 Yes Yes □ No **Key Dates & Initial Actions** Rec'd: September 26, 2014 Proposed Action(s): additional point of appropriation **ODFW** District: Fees Pd: 1800.00 WM District: 12 **ODFW** Review sent: Initial Notice: October 14, 2014 WM Review sent: 10/13/14 Acknowledgement Letter Sent GW Review sent: 10/13/14 **Processing Dates & Actions** Deficiency Contacts: _____ Newspaper quote requested: not required Request for news \$ sent: DPD Mailed: ☐ ODFW contact sheet sent with DPD, or ☐ N/A News \$ received: ☐ WM measurement contact sheet sent, or ☐ N/A PD Signed: 5-4-15 Request to publish sent to newspaper: _____ PD Weekly Notice: Affidavit of publication received: _____ **Final Order Review (Salem)** DPD Review (Optional) PD Review (Salem) Reviewer: _ Sarah Reviewer: Reviewer: Date: 5-4-15 Date:

Date:	Date:	Date:
Comments/Special Issues: New Map -on the way I will & dates o	. 3/26/15 - Email Copy in fil on Cetta/DPD -	
Special Order Volume: Vol 76 Page 1	ages <u>502-506</u> Final Order Sig	nature Date: 7/2/15
Notice of FO email'd to processors		

Coordinator:

Coordinator:

Coordinator:

Affidavit of Publication

STATE OF OREGON, County of Lake,

I, Matilda W. Flynn, being first duly sworn, depose and say that I am the

General Manager

Publisher, Editor or Business Manager

of the Lake County Examiner, a newspaper of general circulation printed and published at Lakeview in the aforesaid county and state, as defined by Chapter 193ORS, that

Notice of Preliminary Determination

T-11894

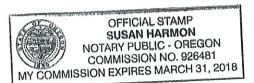
a printed copy of which is hereto annexed, was published in the entire issue of said newspaper for two (2) consecutive and successive weeks in the following issues

May 20, 2015, May 27, 2015

Matilda W. Flyns Subscribed and sworn to before me this

Notary Public for Oregon

(My commission expires V





Notice of Preliminary Determination for Water Right Transfer T-11894

T-11894 filed by Colahan Enterprises, PO Box 300 Paisley, OR 97636, proposes additional points of appropriation under Certificates 89355 and 89546. The rights allow a total of 3.91cfs from a well in Sec. 23, T33S, R18E, WM for supplemental irrigation in Sec. 23. The applicant proposes additional wells in Sec. 23, T33S, R18E, WM. The Water Resources Department proposes to approve the transfer, based on the requirements of ORS Chapter 540 and OAR 690-380-5000.

Any person may file, jointly or severally, a protest or standing statement within 30 days after the last date of newspaper publication of this notice, 05/27/2015. Call (503) 986-0807 to obtain additional information or a protest form. If no protests are filed, the Department will issue a final order consistent with the preliminary determination.

DATE OF FIRST PUBLICATION: May 20, 2015

PUBLICATION DATES: May 20, 2015 May 27, 2015 #4617

RECEIVED BY OWRD

JUN 0 8 2015

SALEM, OR

Transfer Preliminary Determinations

A Preliminary Determination provides the Department's conclusion as to whether a proposed change in place of use, point of diversion or appropriation, or character of use of an existing water right should be approved. Changes of water rights may be proposed in an application for transfer (including instream, historic POD, exchange, substitution or ground water registration modification).

The Department has issued preliminary determinations on the transfer applications listed below. In addition to this notice, the Department is complying with ORS 540.520(2) that requires publication of notice in a local newspaper for all transfers except those proposing a change in place of use only or a change in point of diversion of less than ½ mile where there are no intervening diversion points.

Any person may protest the application and preliminary determination or may file a standing statement. Pursuant to OAR 690-380-4030(3) and OAR 690-382-0900, protests must raise all reasonably ascertainable issues and include all reasonably available arguments supporting the person's position. In addition, protests must be accompanied by a \$700 protest fee for non-applicant and \$350.00 protest fee for applicant. A Water Right Transfer Protest Form is available at http://www.oregon.gov/OWRD/PUBS/forms.shtml or by calling 503-986-0888. Protests must be received by the Department on or before June 11, 2015, or within 30 days of the last date of publication in a newspaper, whichever is later. If no protests are filed, the Department will issue a final order consistent with the preliminary determination.

T-11894 filed by Colahan Enterprises, PO Box 300 Paisley, OR 97636, proposes additional points of appropriation under Certificates 89355 and 89546. The rights allow a total of 3.91cfs from a well in Sec. 23, T33S, R18E, WM for supplemental irrigation in Sec. 23. The applicant proposes additional wells in Sec. 23, T33S, R18E, WM. The Water Resources Department proposes to approve the transfer, based on the requirements of ORS Chapter 540 and OAR 690-380-5000.

T-11843 filed by Steve and Patricia Malcom, 70831 Schroeder Road, Pendleton, OR 97801 and James Malcom, 560 NW 21st Street, Pendleton, OR 97801, proposes a change in points of appropriation under Certificate 46732. The right allows the use of 0.089 cubic foot per second from a well in Sec. 3, T1N, R32E, WM for irrigation in Sec. 3. The applicants propose to change the point of appropriation to two wells within Sec. 3, T1N, R32E, WM. The Water Resources Department has concluded that the proposed transfer appears to be consistent with the requirements of ORS Chapter 540 and OAR 690-380-5000.

T-11836 filed by White Deer Ranch; Ulupalukua Ranch, PO Box 901 Kula, HI 96790, proposes a place of use change under Certificates 80854 and 80855. Certificate 80854 allows the use of 1.99 cfs from the Crooked River and Prineville Reservoir in Sec. 8, T15S, R16 E, Sec. 1, T16S, R15 E, and Sec. 11, T17S, R16 E WM for irrigation in Sec. 13, T15S, R15 E, and Sec. 18, T15S, R16 E WM and for supplemental irrigation in Sects. 13 and 24, T15S, R15 E, and Sects. 18 and 19, T15S, R16 E, WM. The applicant proposes to change the place of use to Sects. 13, 24 and 25, T15S, R15 E, and Sects. 19 and 30, T15S, R16 E, WM. Certificate 80855 allows the use of 0.81 cfs from the Crooked River in Sec. 8, T15S, R16 E, and Sec. 1, T16S, R15 E, WM for irrigation in Sects. 13 and 24, T15S, R15 E, and Sects. 18 and 19, T15S, R16 E WM. The applicant proposes to change the place of use to Sects. 13, 24 and 25, T15S, R15 E, and Sec. 19, T15S, R16 E, WM.



Water Resources Department

725 Summer St NE, Suite A Salem, OR 97301 (503) 986-0900 Fax (503) 986-0904

May $\frac{4}{}$, 2015

VIA E-MAIL

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636

SUBJECT: Water Right Transfer Application T-11894

Please find enclosed the Preliminary Determination indicating that, based on the information available, the Department intends to approve application T-11894. This document is an intermediate step in the approval process; water may not be used legally as proposed in the transfer application until a Final Order has been issued by the Department. Please read this entire letter carefully to determine your responsibility for additional action.

A public notice is being published in the Department's weekly publication and in the **Lake County Examiner** newspaper, simultaneously with issuance of the Preliminary Determination.

The notice initiates a period in which any person may file either a protest opposing the decision proposed by the Department in the Preliminary Determination or a standing statement supporting the Department's decision. The protest period will end 30 days after the last date of newspaper publication.

If no protest is filed, the Department will issue a Final Order consistent with the Preliminary Determination. You should receive a copy of the Final Order about 30 days after the close of the protest period.

If a protest is filed, the application may be referred to a contested case proceeding. A contested case provides an opportunity for the proponents and opponents of the decision proposed in the Preliminary Determination to present information and arguments supporting their position in a quasi-judicial proceeding.

Please do not hesitate to contact me at 503-986-0892 or Joan.M.Smith@wrd.state.or.us if I may be of assistance.

Sincerely

Joan Smith

Transfer Specialist

Transfer and Conservation Section

cc:

T-11894

Brian M. Mayer, District 12 Watermaster (via e-mail)
Bruce Brody-Heine, Agent for the applicant (via e-mail)

encs

BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application)	PRELIMINARY DETERMINATION
T-11894, Lake County	Ś	PROPOSING APPROVAL OF
	Ó	ADDITIONAL POINTS OF
)	APPROPRIATION

Authority

Oregon Revised Statute (ORS) 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. Oregon Administrative Rule (OAR) Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636

Findings of Fact

- 1. On September 26, 2014, COLAHAN ENTERPRISES filed an application for additional points of appropriation under Certificates 89355 and 89546. The Department assigned the application number T-11894.
- 2. Notice of the application for transfer was published on October 14, 2014, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
- 3. On March 23, 2015, the Department mailed a copy of the draft Preliminary Determination proposing to approve Transfer Application T-11894 to the applicant. The draft Preliminary Determination cover letter set forth a deadline of April 24, 2015, for the applicant to respond. The applicants Agent requested that the Department proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.
- 4. On February 25, 2015, the Department contacted the applicant's agent requesting clarification of the well locations, on March 2, 2015; the applicant's agent sent revised well location measurements and a new application map.
- 5. The first right to be transferred is as follows:

Certificate: 89355 in the name of ROSS A. COLAHAN (perfected under Permit G-10059)

Pursuant to OAR 690-380-4030, any person may file a protest or standing statement within 30 days after the last date of publication of notice of this preliminary determination.

Use:

SUPPLEMENTAL IRRIGATION of 80.6 ACRES

Priority Date: APRIL 19, 1983

Rate:

1.01 CUBIC FEET PER SECOND

Limit/Duty:

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each

year.

Source:

A WELL within the GOOSE AND SUMMER LAKE BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1- 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

Authorized Place of Use:

	SUPPLEMENTAL IRRIGATION											
Twp	Rng	Q-Q	Acres									
33 S	18 E	WM	14	SE SE	36.4							
33 S	18 E	WM	23	NE NW	42.1							
33 S	18 E	WM	23	SE NW	2.1							
				Total	80.6							

Transfer Application T-11894 proposes additional points of appropriation with approximate distances from (LAKE 1627, 4448) the existing point of appropriation(POA) to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances	Distance from Existing POA
33 S	18 E	WM	23	NW SW	SVE 1 (LAKE 52530) - 1853 FEET NORTH AND 1208 FEET EAST FROM THE SW CORNER OF SECTION 23	174 feet
33 S	18 E	WM	23	SW NE	SVE 2 (LAKE 52529) - 2665 FEET NORTH AND 1725 FEET WEST FROM THE SE CORNER OF SECTION 23	0.50 mile
33 S	18 E	WM	23	SW NE	LITTLE HOT WELL (LAKE 1628, 1626) - 347 FEET NORTH AND 1386 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 23	0.50 mile

The second right to be transferred is as follows:

Certificate:

89546 in the name of ROSS H. AND DORIS COLAHAN (perfected under

Permit G-9765)

Use:

SUPPLEMENTAL IRRIGATION of 319.4 ACRES

Priority Date: APRIL 9, 1982

Rate:

2.90 CUBIC FEET PER SECOND

Limit/Duty:

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to

exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

Source:

A WELL in the CHEWAUCAN RIVER BASIN

Authorized Point of Appropriation:

[Twp	Rng	Mer	Sec	Q-Q	Measured Distances
	33 S	18 E	WM	23	NW SW	WELL 1-1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

Authorized Place of Use:

ngag in or	SUPPLEMENTAL IRRIGATION											
Twp	Rng	Mer	Sec	Q-Q	Acres							
33 S	18 E	WM	23	NE NE	41.6							
33 S	18 E	WM	23	NW NE	41.4							
33 S	18 E	WM	23	SW NE	38.8							
33 S	18 E	WM	23	SE NE	41.1							
33 S	18 E	WM	23	SE NW	39.6							
33 S	3 S 18 E		23	NE SW	19.9							
33 S	18 E	WM	23	NW SW	6.3							
33 S	18 E	WM	23	NE SE	8.7							
33 S	18 E	WM	24	NE NW	1.2							
33 S	18 E	WM	24	NW NW	40.6							
33 S	18 E	WM	24	SW NW	38.6							
33 S	18 E	WM	24	SE NW	1.4							
33 S	18 E	WM	24	NW SW	0.2							
	Total											

8. Transfer Application T-11894 proposes additional points of appropriation with approximate distances from the authorized point of appropriation(POA) to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances	Distance from Authorized POA
33 S	18 E	WM	23	NW SW	SVE 1 (LAKE 52530) - 1853 FEET NORTH AND 1208 FEET EAST FROM THE SW CORNER OF SECTION 23	174 feet
33 S	18 E	WM	23	SW NE	SVE 2 (LAKE 52529) - 2665 FEET NORTH AND 1725 FEET WEST FROM THE SE CORNER OF SECTION 23	0.50 mile
33 S	18 E	WM	23	SW NE	LITTLE HOT WELL (LAKE 1628, 1626) - 347 FEET NORTH AND 1386 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 23	0.50 mile

Transfer Review Criteria (OAR 690-380-4010)

- 9. Water has been used within the last five years prior to the submittal of Transfer Application T-11894 according to the terms and conditions of the rights. There is no information in the record that would demonstrate that the rights are subject to forfeiture under ORS 540.610.
- 10. A pump, pipeline, flood irrigation sites, and sprinkler system sufficient to use the full amount of water allowed under the existing rights were present within the five-year period prior to submittal of Transfer Application T-11894.

- 11. The proposed change as conditioned would not result in enlargement of the rights.
- 12. The proposed change as conditioned would not result in injury to other water rights.
- 13. All other application requirements are met.

Determination and Proposed Action

The additional points of appropriation proposed in Transfer Application T-11894 appear to be consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000. If protests are not filed pursuant to OAR 690-380-4030, the application will be approved.

If Transfer Application T-11894 is approved, the final order will include the following:

- 1. The additional points of appropriation proposed in Transfer Application T-11894 are approved
- 2. The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 89355 and 85946 and any related decree.
- 3. Water right Certificates 89355 and 89546 are cancelled.
- 4. The quantity of water diverted at the additional points of appropriation, together with that diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.
- 5. Water use measurement and reporting conditions:
 - a. Before water use may begin under this order, the water user shall install a totalizing and instant read flow meter, or, with prior approval of the Director, another suitable measuring device at each point of appropriation new and existing.
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices, provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
 - d. The water user shall maintain a record of all water used each month, including the total number of hours of pumping, the total quantity pumped, and the categories of beneficial use to which the water is applied. The record of use shall be submitted to the Department annually, or more frequently as may be required by the Director, and shall be submitted to the Watermaster upon request.
- 6. Water shall be acquired from the same aquifer (water source) as the original point of appropriation.
- 7. Prior to using water from any well listed on this application, the water user shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID) which shall be permanently attached to the well. The Well ID shall be used as a reference in any

correspondence regarding the well, including any reports of water use, water level, or pump test data.

- 8. Wells with pumps shall be equipped with a minimum ¾-inch diameter, unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200. If a pump has been installed prior to the issuance of this permit and if static, water levels and pumping levels can be measured using an electrical tape, then the installation of the measuring tube can be delayed until such time that water levels cannot be measured or the pump is repaired or replaced.
- 9. The proposed additional point of appropriation well (LAKE 1628) original, Little Hot Well (LAKE 1626) deepening shall be reconstructed to meet current well construction standards prior to use. The well reconstruction shall be approved by both Departments Well Construction and Compliance section staff and Department Groundwater section hydrologist staff both located at Department headquarters.
- 10. Full beneficial use of the water shall be made, consistent with the terms of this order, on or before **October 1, 2016**. A Claim of Beneficial Use prepared by a Certified Water Right Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
- 11. After satisfactory proof of beneficial use is received, a new certificate confirming the rights transferred will be issued.

Dated at Salem, Oregon this day of MA 2015

Dwight French, Water Right Services Administrator, for

Thomas M. Byler, Director

Oregon Water Resources Department

Protests should be addressed to the attention of Water Rights Division, Water Resources Department, 725 Summer St. NE, Suite A, Salem, OR 97301-1266.

This Preliminary Determination was prepared by Joan Smith. If you have any questions about the information in this document, you may reach me at 503-986-0892 or <u>Joan.M.SMITH@wrd.state.or.us</u>

STATE OF OREGON

WATER RESOURCES DEPARTMENT

115585

CEIPT: 115585

ECEIPT#

725 Summer St. N.E. Ste. A SALEM, OR 97301-4172 (503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

CEIVED FROM: 651 Water Soluti	APPLICATION												
Inc.	PERMIT												
	TRANSFER T-11894												
SH: CHECK:# OTHER: (IDENTIFY)													
<u> </u>	TOTAL REC'D \$ 174.40												
1083 TREASURY 4170 WRD MISC CASH	ACCT												
0407 COPIES 46117	. \$												
020) OTHER: (IDENTIFY) Newspaper Notice \$174.40													
0243 I/S Lease 0244 Muni Water Mgmt. Plan 0245 Cons. Water													
	4270 WRD OPERATING ACCT												
MISCELLANEOUS													
0407 COPY & TAPE FEES	\$												
0410 RESEARCH FEES	\$												
0408 MISC REVENUE: (IDENTIFY)	\$												
TC162 DEPOSIT LIAB. (IDENTIFY)	\$												
0240 EXTENSION OF TIME	\$												
WATER RIGHTS: EXAM FE	RECORD FEE												
0201 SURFACE WATER \$	0202 \$												
0203 GROUND WATER \$	0204 \$												
0205 TRANSFER \$													
WELL CONSTRUCTION EXAM FE	LICENSE FEE												
0218 WELL DRILL CONSTRUCTOR \$	0219 \$												
LANDOWNER'S PERMIT	0220 \$												
OTHER (IDENTIFY)													
0536 TREASURY 0437 WELL CONST. ST	ART FEE												
0211 WELL CONST START FEE \$	CARD#												
0210 MONITORING WELLS \$	CARD#												
OTHER (IDENTIFY)													
0607 TREASURY 0467 HYDRO ACTIVITY	LIC NUMBER												
0233 POWER LICENSE FEE (FW/WRD)	\$												
0231 HYDRO LICENSE FEE (FW/WRD)	\$												
HYDRO APPLICATION	\$												
TREASURY OTHER / RDX													
FUND TITLE													
OBJ. CODE VENDOR #	\$												
DESCRIPTION	-												

DATED: 4/20/15 BY: Manthods

GSI WATER SOLUTIONS, INC.

Check Date: 4/15/2015

Invoice Number	Date	Voucher	Amount	Discounts	Previous Pay	Net Amount
for T-11894 Notice	4/13/2015	0008472	174.40			174.40
Oregon Water Resources D	epartment	TOTAL	174.40			174.40
Key Bank 8460 - GSI Water	1	245				

RECEIVED BY OWRD

APR 2 0 2015

SALEM, OR

Attached is a check for \$174.40 (PCA #46117) for Newspaper Notice for Transfer T-11894

- made out to Oregon Water Resources Department (or WRD)
- "for T-11894-NOTICE" written on front of check

Mail to: Oregon Water Resources Department 725 Summer St. NE, Suite A Salem, OR 97301-1266 RECEIVED BY OWRD

APR 2 0 2015

SALEM, OR



PORTLAND OR 972

16 APR 2015 PM 9 L



Notice of Preliminary Determination for Water Right Transfer T-11894

T-11894 filed by Colahan Enterprises, PO Box 300 Paisley, OR 97636, proposes additional points of appropriation under Certificates 89355 and 89546. The rights allow a total of 3.91cfs from a well in Sec 23, T33S, R18E, WM for supplemental irrigation in Sec 23. The applicant proposes additional wells in Sec23, T33S, R18E, WM. The Water Resources Department proposes to approve the transfer, based on the requirements of ORS Chapter 540 and OAR 690-380-5000.

Any person may file, jointly or severally, a protest or standing statement within 30 days after the last date of newspaper publication of this notice, MM/DD/YEAR. Call (503) 986-0807 to obtain additional information or a protest form. If no protests are filed, the Department will issue a final order consistent with the preliminary determination.

Codi -

We will have to
revent T-11214 to
get a cent for this
transfer. Do Not
Publish recid notice until
we get the art issued.

Thank! Kally

*entered +# did not enter/push cert until new cort issued.

- B9546

Review Checklist T-11894							94		Case	ewor!	ker:(Tam	PR Initials 54	
									File	Pre	p			
CW					100				CW					
	File A	Assign	ed (com	puter	entry)					Pri	Print Tax Lot Map(s)/Ownership info if available on the web			
		W to s	es App, end to a						•				aps, (Tabulations, Sp Or, Air Photos on processing)	r other
4	Bund	le Orig	ginals w	ith co	ver she	et		5)	V	Che	Check Area of Interest – print if needed			
			ny publ ly. Prir							Ang Che	y irriga eck. [tion distric	cts that need notice based on Area of No Note:	Interest
						A	APPI	LICA	TIO	N/M	AP F	REVIE	\mathbf{W}	,
PR	CW/									PR	CW		y - 1 - 12	1
K	\square	Appro	opriately	y sign	ed					MAR		Ditch Co	ompany, Irr. Dist. and/or BOR sent co	pies
V	V,	Check	ked WR	IS con	ntact ad	dress/	e-mail	for acc	uracy	X	9	Appropr	riate Fees Paid	
K		Revis	it appli	cation	checkl	ist & S	Support	ing Do	cs	10/14		Overpay	ment of Fees, Refund Request with F	O
K		Any o	deficien o Notes	cies th	at need	to be	addres	sed? [▼	Yes	A	-	Land Us official a	se Form matches Tax Lots, is signed band is APPROVED	y proper
DETERMINING THE "FROM" AND "TO" LANDS														
PR	CW	A	POA.	1 -	Not	PO	U S			PR	CW		e y y a service y	
X			the auth erred ar			s/POA	's and	POUs	to be	A			tion & certificate tabulations match. (and cert. copies and note corrections ne	
M	-	Marke cance	ed on co	ertifica d rema	ate the a	acreag y ¼ ¼	e being	transfe	erred,	Ø			on certificate the quantity of water be red, cancelled, and remaining	ing
X	-	Comp Accui	oare Wa racy	iter Ri	ght map	to Ap	рр Мар	for		14			nd notate on Plat Card for Conflicts (ands) N/A if no change in POU or Use	
PR	CW				\mathbf{I}	NJU	RY I	REV	IEWS	S/CC	MM	ENTS	CONDITIONS	
MA		ODF	W		Fish	Scree	ns		Other:					1
X	V	Groun	nd wate	r C	one	lita	ing.	_						
V	M	Wate	ermastei] Headg				Prior to o				/	
		, wate		· ~	Measu	ring D	evices	□ F	Prior to o	liverti	ng	T	ype of Device? totalyzny	
	•	Injury			Yes		No		Enlargen	nent		☐ Ye	es No	
K		Cond	itions to	Avoi	d Enlar	gemei	nt/Injur	y 5	125					
D	PD	P	D	F	O'	C	OV		DPI	D/PI)/ FI	NAL O	PRDER/COVER LETTE	R
PR	CW	PR	CW	PR	CW	PR	CW							
_								UPD.	ATE W	RIS A	PPS F	OLDER (F	FIELD STAFF ONLY)	2
K								Chec Was/	k tenses Were	exF	ind &	Replace po	oint(s), Right(s) Meter(s), Device(s) Is	s/Are,
K	□ ✓							Corre	ect addre	ess? A	dd Age	ent, Receiv	ving Landowner if applicable etc	
WA	NEK							Com	pare "fro	om lan	ds" wi	th marked	up Certificate	
X	\vec{v}	Compar								thorize	ed POI	O(s)/POA(s	s) with marked up Certificate	
X X	V	Add W								aster c	onditio	ons (send c	copy of review to applicant if applicab	ole)
X	\ <u>\</u>							Add	Ground	water	condit	ions		N.
NAO								ODF	W recor	nmeno	dations	(send cop	y of review to applicant if applicable)	
Y								Hidd	en findii	ngs un	veiled'	?		
1								Add	any cano	cellatio	on lang	uage or sp	pecial situations	
文								Attac	h suppo	supporting documents to cover letter if applicable				

OWNERSHIP VERIFICATION												
PR CW PR CW												
		The deed/ROI matches the <u>"from"</u> lands.			Notarized, signed statement of consent (if applicable)							
		All owners on the deed/ROI have signed the application.			Compare with current tax lot map.							
PR	CW	PD PUBLIC NOTICE/NEWSPAPER NOTICE/COVER LETTER										
П	U	UPDATE WRIS APPS FOLDER (FIELD STAFF ONLY)										
		Check tenses exFind & Replace point(s), Right(s) Meter(s), Device(s) Is/Are, Was/Were										
		Format matches current template										
		Content matches PD info?										
	V	Spell checked?										
	L	Correct address?										
		Cost Estimate for Newspaper if applicable ser	nd ema	il to su	pport staff 2 weeks three weeks							
		Send Letter to Applicant/Agent regarding nev	vspape	r notice	e cost							
		Have funds been received from Applicant/Ag	ent for	newsp	aper costs?							
					a chit Samuell							
PR	CW	NA REMAININ	IG F	RIGH	IT CERTIFICATE							
		UPDATE WRIS APPS FOLDER (FIELD ST	TAFF (ONLY)	1 King - V - St 225							
		Check tenses ex. Find & Replace point(s), R	ight(s)	Meter	(s), Device(s) Is/Are, Was/Were							
		Table Format matches current template			·							
		Content format matches original certificate										
		Spell checked?		1	1 1 K 2/2							
		Name and address matches originating certification	icate?									
CW		CASEW	OR	KER	WRAP UP							
	Orga	anize Working Docs For Peer Review (Remove	Dupli	icates)								
	Upd	ate Computer entry (add postal confirmation re	ceipt r	number	and date file was mailed							
	Put	file contents on Salem Exchange Folder			*** ** * * * * * * * * * * * * * * * *							
	Prin	t e-mail and correspondence put it in order of the	ne find	lings of	PD (if applicable)							
	Has	Affidavit of Publication been received? N/A	A 🔲	YesD	ate for FO: No—have Codi call newspaper							
		,										
		Keeping: DPD Mailed (Date)	PI) Ma	iled (Date)							
CO	MME	NTS:										
_					/							
					6 97							
-												
					. •							

T-11894

SMITH Joan M

From:

Bruce Brody-Heine <BBheine@gsiws.com>

Sent:

Tuesday, April 21, 2015 8:59 AM

To:

SMITH Joan M

Cc:

MAYER Brian M; lizzymongo@hotmail.com; Lynn Culp

Subject:

RE: Transfer T-11894

Attachments:

Title Report Colahan Property T11894.pdf

Hi Joan,

Attached is the report of land ownership report for Colahan Transfer T-11894.

Please let me know if this satisfies the requirements, or if more information is needed.

OWRD should have also received the payment for the newspaper notice. Again let me know if there is anything else needed for moving the notice forward.

Thanks for your help.

Bruce



Bruce Brody-Heine, RG, CWRE | Senior Hydrogeologist direct: (541) 678-5117 x 141 | mobile: (541) 390-0591 147 SW Shevlin Hixon Dr, Suite 201, Bend, OR 97702 bbheine@gsiws.com | http://www.gsiwatersolutions.com

From: SMITH Joan M [mailto:joan.m.smith@state.or.us]

Sent: Monday, March 23, 2015 10:35 AM

To: lizzymongo@hotmail.com

Cc: Bruce Brody-Heine; MAYER Brian M

Subject: Transfer T-11894

SUBJECT: Water Right Transfer Application T-11894

Your water right transfer is in one of three phases of processing. Enclosed is a draft of our Preliminary Determination regarding Transfer Application T-11894. The attached document reflects the Department's conclusion that, based on the information currently available, the transfer will be approved.

Items needed before the next phase of processing...

- 1. Please review the draft carefully to see if it accurately reflects the changes, you intend to make, and to become familiar with all proposed conditions. **You will need to respond in writing** by the deadline provided below, whether you agree with the proposed action and conditions. In addition, we will appreciate having you let us know if there are typographical errors that need to be corrected.
- 2. A report of landownership for the lands to which the water right(s) are appurtenant (the FROM lands) is required. **The report must be prepared by a title company and meet the criteria below.** (Reports may be called by various names, such as Customer Service Report, Property Analysis Report (PAR), List Pack, Lot Book Report, etc.)
 - a) The title company's report must either be:
 - i) prepared within 3 months of the draft Preliminary Determination showing current ownership, or
 - ii) prepared within 3 months of recording of a water right conveyance agreement, or

- iii) prepared at any time, but showing ownership at the time a water right conveyance agreement was recorded.
- b) The ownership report shall include:
 - i) Date reflected by the ownership information
 - ii) List of owners at that time
 - iii) Legal description of the property where the water right to be transferred is currently located.
- c) You will need to submit a notarized statement of consent from any landowner listed in the ownership report who is not already included in the transfer application, or other information such as a water right conveyance agreement, if applicable.
- 3. Notice of this transfer will need to be published in a local newspaper with general circulation in the area where the water rights are currently located. You will be responsible for the charges. Please indicate the local paper you prefer to publish in so we can get an accurate estimate of the cost.

Conditions to your water right...

The Watermaster has required water measurement devices at both the new points of appropriation and the original point prior to diversion of water. Enclosed is a contact information sheet to assist you in pursuing additional information or approval of the required (or alternate) devices.

Please note the proposed date by which all conditions must be met: October 1, 2016. If the required completion date is insufficient to comply with any of the conditions, you may extend the date at no cost to you during this stage of processing. Please let me know by the comment deadline so we can make the proper arrangements to get you the time you need.

What happens next...

Once the Preliminary Determination is issued, a publication period is required. Because there is more than ¼ mile between the new and the authorized points of appropriation, the Department will publish notice of the transfer in a local newspaper having a general circulation in the area of the water right at least once per week for two consecutive weeks. You are responsible for sending a check to cover the cost of publication prior to the issuance of the Preliminary Determination and publication of notice.

Issuance of the Preliminary Determination will occur shortly after we receive:

- 1. your written response to the conditions and proposed action in the draft Preliminary Determination (e-mail is acceptable); and
- 2. report of ownership, and affidavits of consent from any landowners shown in the ownership report who have not signed the transfer application; and
- 3. name of the newspaper you wish the Department to use for publication of the notice of the Preliminary Determination.

If we do not receive the items listed above by April 24, 2015, a Preliminary Determination may be issued denying the application as incomplete.

Please do not hesitate to contact me at 503-986-0892 or <u>Joan.M.Smith@wrd.state.or.us</u> if I may be of assistance.

Sincerely,

Joan Smith

Transfer Specialist
Transfer and Conservation Section

cc: Transfer Application file T-11894
Brian M. Mayer, District 12 Watermaster (via e-mail)
Bruce Brody-Heine, Agent for the applicant (via e-mail)

encs

To:

Surprise Valley Electric

516 US 395 E Alturas, CA 96101

Attn:

Your File No.:

Date:

April 20, 2015

Order No.

42440AM

Re:

90333 Mill Lane

Paisley, OR 97636

We have enclosed our Preliminary Title Report pertaining to order number 42440AM:

Thank you for the opportunity to serve you. Your business is appreciated!

If you have any questions or need further assistance, please do not hesitate to contact your Title Officer listed below.

Sincerely,

Rose Carlson Title Officer



STATUS OF RECORD TITLE

#2

April 20, 2015

Title Number: 42440AM
Title Officer: Rose Carlson

Fee: \$200.00

Surprise Valley Electric 516 US 395 E Alturas, CA 96101 Your Reference No.

We have searched the status of record title as to the following described property:

In the County of Lake, State of Oregon:

PARCEL 1:

Township 33 South, Range 18 East of the Willamette Meridian,

Section 14:

The SE1/4 of the SE1/4.

PARCEL 2:

Township 33 South, Range 18 East of the Willamette Meridian,

Section 23:

The NE1/4; of the NW1/4;

PARCEL 3:

Township 33 South, Range 18 East of the Willamette Meridian,

Section 23:

The NE1/4;

The SE¼ of the NW¼; The N½ of the SW¼; The SE¼ of the SW¼,

The SW¼ of the SE¼, EXCEPTING THEREFROM A parcel of land conveyed to Irene A Holbrook by deed recorded in Book 53 at Page 635, Lake County Deed Records, Oregon.

That Portion of the NE1/4 of the SE1/4 of Section 23, Township 33 South, Range 18 East of the Willamette Meridian, lying North of the ewaucan River, EXCEPTING THEREFROM that portion of said NE¼ of the SE¼ contained in a deed from Northwest Townsite Company to Kittie Loveland recorded in Book 52 at Page 593, Lake County Deed Records, Oregon.

Section 24:

The N½ of the NE¼,

The SW1/4 of the NE1/4;

The NW¼, EXCEPTING THEREFROM A tract of land conveyed to State of Oregon by deed recorded in Book 79 at age 395 of Lake County Deed Records, Oregon.

Order No. 42440AM Page 2

That portion of the NW¼ of the SW¼ of Section 24, Township 33 South, Range 18 East of the Willamette Meridian, lying North of the extension of Mill Street in Paisley, Oregon, EXCEPTING THEREFROM those tracts of land heretofore conveyed by Northwest Townsite Company, and its predecessors in interest recorded in Book 44 at Page 95, Book 51 at Page 352, Book 51 at Page 432, Book 51 at Page 549, Book 52 at Page 593, Book 53 at Page 147, Book 56 at page 504 and Book 62 at page 386, Lake County Deed Records, Oregon.

Section 26:

The NW1/4 of the NW1/4

Vestee:

Colahan Enterprises, Inc.

and dated as of April 13, 2015 at 7:30 a.m.

Said property is subject to the following on records matters:

Tax Information

Taxes assessed under Code No. 1102 Account No. 8565 Map No. 3318-1300

NOTE: The 2014-2015 Taxes: 1,686.61, Paid in Full

Taxes assessed under Code No. 1102 Account No. 16771 Map No. 3318-801

NOTE: The 2014-2015 Taxes: 65.97, Paid in Full

Taxes assessed under Code No. 1102 Account No. 16772 Map No. 3318-802

NOTE: The 2014-2015 Taxes: 186.39, Paid in Full

1. Agreement and the terms and conditions contained therein

Between: Colahan Enterprises Inc.

And: Surprise Valley Electrification Corp, a rural Electric Cooperative

Purpose: Geothermal Lease Agreement

Book: 275, Page: 209, Lake County Deed Records, Oregon.

Re-recorded: October 14, 2010

Book: 275, Page: 325, Lake County Deed Records, Oregon.

Re-recorded: November 3, 2010

Book: 275, Page: 489, Lake County Deed Records, Oregon.

2. The herein described property, in part, is classified as either Class 2 or Class 3 forestland as documented

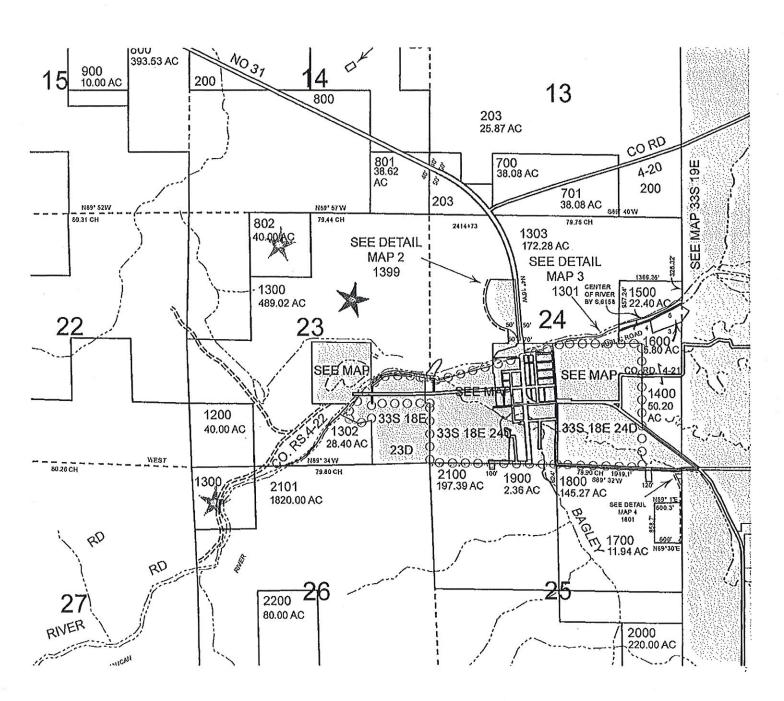
by Order,

Recorded: November 2, 2011 Instrument No. 2011-001507

NOTE: Any map or sketch enclosed as an attachment herewith is furnished for information purposes only to assist in property location with reference to streets and other parcels. No representation is made as to accuracy and the company assumes no liability for any loss occurring by reason of reliance thereon.

THIS IS NOT A TITLE REPORT, A COMMITMENT TO ISSUE TITLE INSURANCE OR A GUARANTEE OF ANY KIND. No liability is assumed with this report. The fee charged for this service does not include supplemental reports or other services. Further dissemination of the information in this report in a form purporting to insure title to the herein described land is prohibited by law.

"Superior Service with Commitment and Respect for Customers and Employees"



AmeriTitle

THIS SKETCH IS MADE SCLELY FOR THE PURPOSE OF ASSISTING IN LOCATING CERTAIN PREMISES AND NO LIABILITY IS ASSUMED FOR VARIATIONS IF ANY, IN DIMENSIONS AND LOCATIONS ASCERTAINED BY ACTUAL SURVEY.



To:

Surprise Valley Electric

516 US 395 E Alturas, CA 96101

Attn:

Your File No.:

Date:

Re:

April 20, 2015

Order No.

42440AM

90333 Mill Lane Paisley, OR 97636

We have enclosed our Preliminary Title Report pertaining to order number 42440AM:

Thank you for the opportunity to serve you. Your business is appreciated!

If you have any questions or need further assistance, please do not hesitate to contact your Title Officer listed below.

Sincerely,

Rose Carlson Title Officer



STATUS OF RECORD TITLE #2

Surprise Valley Electric 516 US 395 E Alturas, CA 96101 Your Reference No. April 20, 2015 Title Number: 42440AM Title Officer: Rose Carlson Fee: \$200.00

We have searched the status of record title as to the following described property:

In the County of Lake, State of Oregon:

PARCEL 1:

Township 33 South, Range 18 East of the Willamette Meridian,

Section 14:

The SE1/4 of the SE1/4,

PARCEL 2:

Township 33 South, Range 18 East of the Willamette Meridian,

Section 23:

The NE1/4; of the NW1/4;

PARCEL 3:

Township 33 South, Range 18 East of the Willamette Meridian,

Section 23:

The NE1/4;

The SE¼ of the NW¼; The N½ of the SW¼; The SE¼ of the SW¼,

The SW¼ of the SE¼, EXCEPTING THEREFROM A parcel of land conveyed to Irene A Holbrook by deed recorded in Book 53 at Page 635, Lake County Deed Records, Oregon.

That Portion of the NE1/4 of the SE1/4 of Section 23, Township 33 South, Range 18 East of the Willamette Meridian, lying North of the ewaucan River, EXCEPTING THEREFROM that portion of said NE¼ of the SE¼ contained in a deed from Northwest Townsite Company to Kittie Loveland recorded in Book 52 at Page 593, Lake County Deed Records, Oregon.

Section 24:

The N½ of the NE¼,

The SW1/4 of the NE1/4;

The NW¼, EXCEPTING THEREFROM A tract of land conveyed to State of Oregon by deed recorded in Book 79 at age 395 of Lake County Deed Records, Oregon.

Order No. 42440AM Page 2

That portion of the NW¼ of the SW¼ of Section 24, Township 33 South, Range 18 East of the Willamette Meridian, lying North of the extension of Mill Street in Paisley, Oregon, EXCEPTING THEREFROM those tracts of land heretofore conveyed by Northwest Townsite Company, and its predecessors in interest recorded in Book 44 at Page 95, Book 51 at Page 352, Book 51 at Page 432, Book 51 at Page 549, Book 52 at Page 593, Book 53 at Page 147, Book 56 at page 504 and Book 62 at page 386, Lake County Deed Records, Oregon.

Section 26:

The NW1/4 of the NW1/4

Vestee:

Colahan Enterprises, Inc.

and dated as of April 13, 2015 at 7:30 a.m.

Said property is subject to the following on records matters:

Tax Information

Taxes assessed under Code No. 1102 Account No. 8565 Map No. 3318-1300

NOTE: The 2014-2015 Taxes: 1,686.61, Paid in Full

Taxes assessed under Code No. 1102 Account No. 16771 Map No. 3318-801

NOTE: The 2014-2015 Taxes: 65.97, Paid in Full

Taxes assessed under Code No. 1102 Account No. 16772 Map No. 3318-802

NOTE: The 2014-2015 Taxes: 186.39, Paid in Full

1. Agreement and the terms and conditions contained therein

Between: Colahan Enterprises Inc.

And: Surprise Valley Electrification Corp, a rural Electric Cooperative

Purpose: Geothermal Lease Agreement

Book: 275, Page: 209, Lake County Deed Records, Oregon.

Re-recorded: October 14, 2010

Book: 275, Page: 325, Lake County Deed Records, Oregon.

Re-recorded: November 3, 2010

Book: 275, Page: 489, Lake County Deed Records, Oregon.

2. The herein described property, in part, is classified as either Class 2 or Class 3 forestland as documented

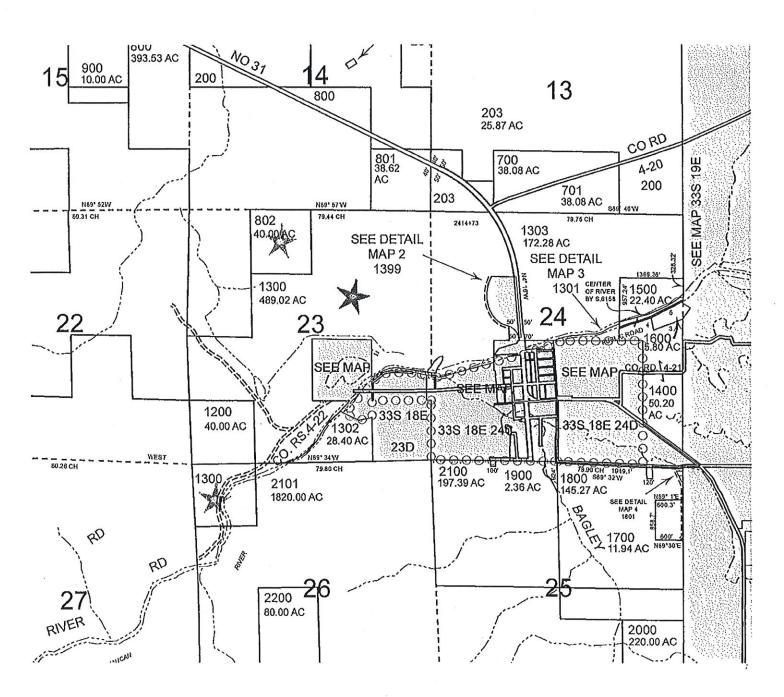
by Order,

Recorded: November 2, 2011 Instrument No. 2011-001507

NOTE: Any map or sketch enclosed as an attachment herewith is furnished for information purposes only to assist in property location with reference to streets and other parcels. No representation is made as to accuracy and the company assumes no liability for any loss occurring by reason of reliance thereon.

THIS IS NOT A TITLE REPORT, A COMMITMENT TO ISSUE TITLE INSURANCE OR A GUARANTEE OF ANY KIND. No liability is assumed with this report. The fee charged for this service does not include supplemental reports or other services. Further dissemination of the information in this report in a form purporting to insure title to the herein described land is prohibited by law.

"Superior Service with Commitment and Respect for Customers and Employees"



AmeriTitle

THIS SKETCH IS MADE SOLELY FOR THE PURPOSE OF ASSISTING IN LOCATING CERTAIN PREMISES AND NO LIABILITY IS ASSUMED FOR VARIATIONS IF ANY, IN DIMENSIONS AND LOCATIONS ASCERTAINED BY ACTUAL SURVEY.



.

SMITH Joan M

From: Bruce

Bruce Brody-Heine <BBheine@gsiws.com>

Sent: Wednesday, April 01, 2015 5:08 PM

To: SMITH Joan M (joan.m.smith@state.or.us)

Cc: lynnsvec; Erin Douglas

Subject: RE: Transfer T-11894 - DPD reply

Hi Joan,

Based on your confirmation of the identified missing text (in the email below) in Condition 8, we do not have any comments or corrections to the DPD (with the exception of adding the missing text in Condition 8). After an email exchange with Jerry Grondin (OWRD hydrogeologist), the original condition in the DPD as written is extremely similar to his proposed modified versions of the condition, and therefore we would like to stay with the original/current language of this condition.

Other Required Information

Newspaper: The Lake County Examiner

Report of Ownership: Being order this week and will ship to you as soon as we receive it.

Please proceed forward with processing the application.

Thanks for your help. Talk to you soon.

Bruce

From: Bruce Brody-Heine

Sent: Monday, March 30, 2015 10:52 AM

To: SMITH Joan M

Cc: MAYER Brian M; lynnsvec Subject: RE: Transfer T-11894

Hi Joan,

After leaving you a phone message this morning regarding the potential missing language in the last sentence of Condition 8 in the T-11894 DPD, I ran across this same condition in another permit. Based on the language in this "other" permit it appears that the Condition 8 should read as follows (text in red is the missing text):

Wells with pumps shall be equipped with a minimum ¾-inch diameter, unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200. If a pump has been installed prior to the issuance of this permit and if static water levels and pumping levels can be measured using an electrical tape, then the installation of the measuring tube can be delayed until such time that the water levels cannot be measured or the pump is repaired or replaced.

Could you please verify that this is indeed the full wording of the this condition.

Thanks for the help.

Bruce



Bruce Brody-Heine, RG, CWRE | Senior Hydrogeologist direct: (541) 678-5117 x 141 | mobile: (541) 390-0591 147 SW Shevlin Hixon Dr, Suite 201, Bend, OR 97702 bbheine@gsiws.com | http://www.gsiwatersolutions.com

From: SMITH Joan M [mailto:joan.m.smith@state.or.us]

Sent: Wednesday, March 25, 2015 3:47 PM

To: Bruce Brody-Heine **Cc:** MAYER Brian M

Subject: RE: Transfer T-11894

Bruce, Brian Mayer will be able to assist you with any questions with regard to measuring devices. Brian's email address is

brian.m.mayer@wrd.state.or.us

His phone number is 541-947-6038.

Joan Smith Oregon Dept. of Water Resources 503-986-0892

From: Bruce Brody-Heine [mailto:BBheine@gsiws.com]

Sent: Wednesday, March 25, 2015 3:40 PM

To: SMITH Joan M

Cc: MAYER Brian M; lizzymongo@hotmail.com; lynnsvec

Subject: RE: Transfer T-11894

Hi Joan,

Thank you for sending the DPD. We are looking over the DPD this week and should have an official reply to you soon.

In the mean time I would like to ask you about the ¾ inch access tube condition (condition # 8) and who I should speak to about this. There are 2 issues I would like to ask you about:

- 1. We understand to importance of measuring the water level in a wells, however the installation of access tubes in the geothermal wells poses a very real potential danger. A tube installed in these well would likely blow superheated steam when opened. As safe alternative to an access tube, SVEC currently has an airline installed in these wells that is being used for measuring water levels. We would like discuss with OWRD the wording of this condition and how to best comply with the goal but complete it more safely than the having an access tube.
- 2. The last several words in this access tube condition do not make much sense and I am wondering if they are a remnant or a partial sentence that was accidently deleted.

Thanks for your help with these two minor issues. Again, we will provide a formal reply to your DPD after we discuss with the Colahan's but wanted to check in with you on this important question in the meantime.

Thanks for your help.

Bruce

From: SMITH Joan M [mailto:joan.m.smith@state.or.us]

Sent: Monday, March 23, 2015 10:35 AM

To: lizzymongo@hotmail.com

Cc: Bruce Brody-Heine; MAYER Brian M

Subject: Transfer T-11894

SUBJECT: Water Right Transfer Application T-11894

Your water right transfer is in one of three phases of processing. Enclosed is a draft of our Preliminary Determination regarding Transfer Application T-11894. The attached document reflects the Department's conclusion that, based on the information currently available, the transfer will be approved.

Items needed before the next phase of processing...

- 1. Please review the draft carefully to see if it accurately reflects the changes, you intend to make, and to become familiar with all proposed conditions. **You will need to respond in writing** by the deadline provided below, whether you agree with the proposed action and conditions. In addition, we will appreciate having you let us know if there are typographical errors that need to be corrected.
- 2. A report of landownership for the lands to which the water right(s) are appurtenant (the FROM lands) is required. **The report must be prepared by a title company and meet the criteria below.** (Reports may be called by various names, such as Customer Service Report, Property Analysis Report (PAR), List Pack, Lot Book Report, etc.)
 - a) The title company's report must either be:
 - i) prepared within 3 months of the draft Preliminary Determination showing current ownership, or
 - ii) prepared within 3 months of recording of a water right conveyance agreement, or
 - iii) prepared at any time, but showing ownership at the time a water right conveyance agreement was recorded.
 - b) The ownership report shall include:
 - i) Date reflected by the ownership information
 - ii) List of owners at that time
 - iii) Legal description of the property where the water right to be transferred is currently located.
 - You will need to submit a notarized statement of consent from any landowner listed in the ownership report who is not already included in the transfer application, or other information such as a water right conveyance agreement, if applicable.
- 3. Notice of this transfer will need to be published in a local newspaper with general circulation in the area where the water rights are currently located. You will be responsible for the charges. Please indicate the local paper you prefer to publish in so we can get an accurate estimate of the cost.

Conditions to your water right...

The Watermaster has required water measurement devices at both the new points of appropriation and the original point prior to diversion of water. Enclosed is a contact information sheet to assist you in pursuing additional information or approval of the required (or alternate) devices.

Please note the proposed date by which all conditions must be met: October 1, 2016. If the required completion date is insufficient to comply with any of the conditions, you may extend the date at no cost to you during this stage of processing. Please let me know by the comment deadline so we can make the proper arrangements to get you the time you need.

What happens next...

Once the Preliminary Determination is issued, a publication period is required. Because there is more than ¼ mile between the new and the authorized points of appropriation, the Department will publish notice of the transfer in a local newspaper having a general circulation in the area of the water right at least once per week for

two consecutive weeks. You are responsible for sending a check to cover the cost of publication prior to the issuance of the Preliminary Determination and publication of notice.

Issuance of the Preliminary Determination will occur shortly after we receive:

- 1. your written response to the conditions and proposed action in the draft Preliminary Determination (e-mail is acceptable); and
- 2. report of ownership, and affidavits of consent from any landowners shown in the ownership report who have not signed the transfer application; and
- 3. name of the newspaper you wish the Department to use for publication of the notice of the Preliminary Determination.

If we do not receive the items listed above by April 24, 2015, a Preliminary Determination may be issued denying the application as incomplete.

Please do not hesitate to contact me at 503-986-0892 or <u>Joan.M.Smith@wrd.state.or.us</u> if I may be of assistance.

Sincerely,

Joan Smith

Transfer Specialist
Transfer and Conservation Section

cc: Transfer Application file T-11894
Brian M. Mayer, District 12 Watermaster (via e-mail)
Bruce Brody-Heine, Agent for the applicant (via e-mail)

encs

SMITH Joan M

From:

Kris Ward < krisw@fmtc.com>

Sent:

Monday, April 20, 2015 9:39 AM

To:

SMITH Joan M

Subject:

Transfer Application T-11958

Good Morning Joan,

Please let me apologize for taking so long:/ Jay is considering option 3: Cancel the 0.43 acre of supplemental not cost to cancel. Does that mean that the primary can stay where it has been moved to and can we move the supplement to a like certificate number? Thank you,

Kris

SMITH Joan M

From:

SMITH Joan M

Sent:

Friday, March 20, 2015 8:59 AM

To:

'Kris Ward'

Subject:

RE: Transfer Application T-11958

Thank you, I'm here if you have questions.

Joan Smith Oregon Dept. of Water Resources 503-986-0892

From: Kris Ward [mailto:krisw@fmtc.com]
Sent: Friday, March 20, 2015 8:58 AM

To: SMITH Joan M

Subject: Re: Transfer Application T-11958

Sorry for the delay: (i have not found time to catch up with Jay on what his opinion would be on this situation. We have talked briefly. He should be in next week and i will get an answer from him.

Thank you:)

Kris

From: "SMITH Joan M" < joan.m.smith@state.or.us>

To: krisw@fmtc.com

Sent: Wednesday, March 18, 2015 4:11:07 PM

Subject: Transfer Application T-11958

Hi Kris, just checking to see if a decision had been made with regard to T-11958. Let me know if you need more information or if there is anything I can help with.

Have a great afternoon,

WRD Joan Smith 503-986-0892

From: SMITH Joan M

Sent: Tuesday, February 24, 2015 9:01 AM

To: 'krisw@fmtc.com' **Cc:** DOUTHIT Susan M

Subject: Transfer Application T-11958

Kris, regarding the Supplemental portion 0.43 acre which we discussed I have outlined a few options and the costs involved below.

Certificate 75708- 0.43 acre Supplemental Irrigation –

Option 1. Add the additional right to the application for a cost of \$450.00

Option 2. Add the additional right to the application and move to a "like" Primary (with the understanding that the POD may not be able to serve the lands) cost of \$450.00.

Option 3. Cancel the 0.43 acre of supplemental no cost to cancel.

Option 4. Remove the 0.43 acre of Primary and Supplemental from the application. (Maybe add to a future Transfer) No cost to remove from the application.

These are some options I came up with, please let me know if you need more details or anything.

It's nice and sunny in the valley this morning I hope you are enjoying fine weather too.

I will talk to you soon.

Joan Smith

Joan M Smith Transfer Specialist Oregon Department of Water Resources 725 Summer St NE Suite A Salem Oregon 97301 phone 503-986-0892

Please Note: Under Oregon Law, messages to and from this e-mail address may be available to the public.



February 26, 2015

Joan Smith Transfer Specialist Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301

RE: Application for Water Right Transfer T-11894 Well Location Corrections

Dear Joan,

Please find enclosed two replacement pages for the Transfer Application T-11894 submitted on behalf of Colahan Enterprises. The attached pages include page 7 of the application with the well locations in Table 1 revised, and an updated transfer application map that has been stamped and signed.

Please do not hesitate to call if you have any questions or need additional information. I can be reached at phone number 541.678.5117 x141 or by email at bbheine@gsiws.com.

Sincerely,

Bruce Brody-Heine

GSI Water Solutions, Inc.

Beuce Brochy Hei-

Enclosures

RECEIVED BY OWRD

MAR 0 2 2015

SALEM, OR

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 # 89355 Description of Water Delivery System System capacity: 1.01 cubic feet per second (cfs) OR gallons per minute (gpm) MAR 0 2 2015 SALEM, OR

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. Approved POA has 100HP turbine well pump that pumps water into a bulge (pond) that has 2 40HP turbine pond pumps. Water is pumped to 2 center pivots, various wheel lines, and flood irrigation sites.

SVE-1 has a 200HP turbine well pump, and SVE-2 has 300HP turbine well pump. Water is pumped from SVE-1 through 2600' of 12" diameter pipe to the intersection with the discharge line from SVE-2 (200' of 12" line), then the combined water is moved through 820' of 16" diameter pipe from intersection of SVE-2 to Power Plant. A controlled volume of water is diverted from the the power plant to the bulge in the system through a 3200' 12" in diameter line. The Little Hot well has a 25HP submersible pump and water from this well is piped into the onsite irrigation line.

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.)

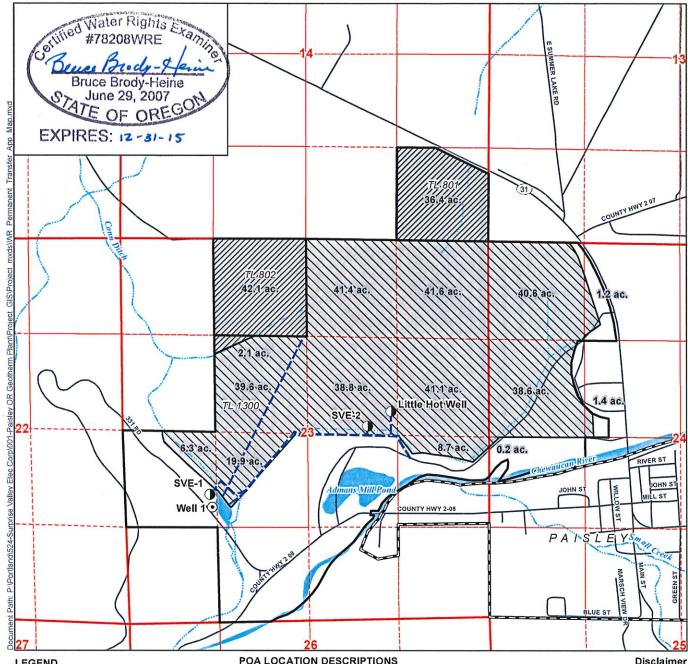
POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tv	wp	R	ng	Sec	V4 V4		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1 (Hot Well)	✓ Authorized✓ Proposed	LAKE 1627, 4448	33	S	18	E	23	NW	sw	1300	1680' N and 1240' E from the SW corner of Section 23.
SVE 1	☐ Authorized ☐ Proposed	LAKE 52530	33	S	18	E	23	NW	sw	1300	1853' N and 1208' E from the SW corner of Section 23.
SVE 2	☐ Authorized ☐ Proposed	LAKE 52529	33	S	18	E	23	sw	NE	1300	2665' N and 1725' W from the SE corner of Section 23.
Little Hot Well	☐ Authorized ☐ Proposed	LAKE 1628, 1626	33	S	18	E	23	sw	NE	1300	347' N and 1386' W from the E 1/4 corner of Section 23

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):									
	Place of Use (POU)		Supplemental Use to Primary Use (S to P)						
	Character of Use (USE)		Point of Appropriation/Well (POA)						
	Point of Diversion (POD)	\boxtimes	Additional Point of Appropriation (APOA)						
	Additional Point of Diversion (APOD)		Substitution (SUB)						
	Surface Water POD to Ground Water POA (SW/GW)		Government Action POD (GOV)						

Water Right Transfer Map To Add Points of Appropriation Certificate 89355 & Former Certificate 64775

Colahan Enterprises

Township 33 South, Range 18 East (W.M.)



LEGEND

Authorized Point of • Appropriation (APOA)

Proposed

Place of Use (POU)



Former Certificate 64775 (new certificate # being issued)





 Distribution Pipeline Paisley City Limits



Tax Lots

POA LOCATION DESCRIPTIONS

Watercourses

Waterbodies

Well 1. Located 1,680 feet North and 1,240 feet East from the SW comer of Section 23, Township 33 South, Range 18 East (W.M.) SVE-1

Located 1,853 feet North and 1,208 feet East from the SW corner of Section 23, Township 33 South, Range 18 East (W.M.)

Located 2,665 feet North and 1,725 feet West from the SE corner of Section 23, Township 33 South, Range 18 East (W.M.)
Little Hot Well

Located 347 feet North and 1,386 feet West from the E1/4 corner of Section 23, Township 33 South, Range 18 East (W.M.)

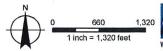
RECEIVED BY OWRD

MAR 0 2 2015

Disclaimer
This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

Map Notes

Date: February 26, 2015
Data Sources: OWRD, USGS, US BLM, ESRI Prepared By: GSI Water Solutions, Inc.





147 SW Shevlin Hixon Dr. Suite 201 Bend, OR 97702 PORTLAND OR 970 27 FEB 2015 PM 1 L



OREGON WATER RESOURCES Dept 725 Summer Str NE, Suited SALEM, OR 97301 Attn: Joan Smith/Transfers

97901126679

իրությանի արդիկին արկանակ արդանակին արկան հերարարդին



estimate of the cost.

Water Resources Department

North Mall Office Building 725 Summer St NE, Suite A Salem, OR 97301 Phone (503) 986-0900 Fax (503) 986-0904 www.wrd.state.or.us

March 23, 2015

VIA E-MAIL

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636 CIID ng. Enclosed is a draft of our F 11894. The document reflects the D ntly available, the transfer will be at Ite 1. ects the changes, you intend to . You will need to respond in with the proposed action and know if there are typographical 2. ight(s) are appurtenant (the a title company and meet the ch as Customer Service Report, etc.) rmination showing current conveyance agreement, or a water right conveyance b) i be transferred is currently c) m any landowner listed in the application, or other rigin conveyance agreement, if applicable. 3. Notice of this transfer will need to be published in a local newspaper with general circulation

in the area where the water rights are currently located. You will be responsible for the charges. Please indicate the local paper you prefer to publish in so we can get an accurate



Water Resources Department

North Mall Office Building 725 Summer St NE, Suite A Salem, OR 97301 Phone (503) 986-0900 Fax (503) 986-0904 www.wrd.state.or.us

March 23, 2015

VIA E-MAIL

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636

SUBJECT: Water Right Transfer Application T-11894

Your water right transfer is in one of three phases of processing. Enclosed is a draft of our Preliminary Determination regarding Transfer Application T-11894. The document reflects the Department's conclusion that, based on the information currently available, the transfer will be approved.

Items needed before the next phase of processing...

- 1. Please review the draft carefully to see if it accurately reflects the changes, you intend to make, and to become familiar with all proposed conditions. You will need to respond in writing by the deadline provided below, whether you agree with the proposed action and conditions. In addition, we will appreciate having you let us know if there are typographical errors that need to be corrected.
- 2. A report of landownership for the lands to which the water right(s) are appurtenant (the FROM lands) is required. **The report must be prepared by a title company and meet the criteria below.** (Reports may be called by various names, such as Customer Service Report, Property Analysis Report (PAR), List Pack, Lot Book Report, etc.)
 - a) The title company's report must either be:
 - i) prepared within 3 months of the draft Preliminary Determination showing current ownership, or
 - ii) prepared within 3 months of recording of a water right conveyance agreement, or
 - iii) prepared at any time, but showing ownership at the time a water right conveyance agreement was recorded.
 - b) The ownership report shall include:
 - i) Date reflected by the ownership information
 - ii) List of owners at that time
 - iii) Legal description of the property where the water right to be transferred is currently located.
 - c) You will need to submit a notarized statement of consent from any landowner listed in the ownership report who is not already included in the transfer application, or other information such as a water right conveyance agreement, if applicable.
- 3. Notice of this transfer will need to be published in a local newspaper with general circulation in the area where the water rights are currently located. You will be responsible for the charges. Please indicate the local paper you prefer to publish in so we can get an accurate estimate of the cost.

Conditions to your water right...

The Watermaster has required water measurement devices at both the new points of appropriation and the original point prior to diversion of water. Enclosed is a contact information sheet to assist you in pursuing additional information or approval of the required (or alternate) devices.

Please note the proposed date by which all conditions must be met: October 1, 2016. If the required completion date is insufficient to comply with any of the conditions, you may extend the date at no cost to you during this stage of processing. Please let me know by the comment deadline so we can make the proper arrangements to get you the time you need.

What happens next...

Once the Preliminary Determination is issued, a publication period is required. Because there is more than ½ mile between the new and the authorized points of appropriation, the Department will publish notice of the transfer in a local newspaper having a general circulation in the area of the water right at least once per week for two consecutive weeks. You are responsible for sending a check to cover the cost of publication prior to the issuance of the Preliminary Determination and publication of notice.

Issuance of the Preliminary Determination will occur shortly after we receive:

- 1. your written response to the conditions and proposed action in the draft Preliminary Determination (e-mail is acceptable); and
- 2. report of ownership, and affidavits of consent from any landowners shown in the ownership report who have not signed the transfer application; and
- 3. name of the newspaper you wish the Department to use for publication of the notice of the Preliminary Determination.

If we do not receive the items listed above by April 24, 2015, a Preliminary Determination may be issued denying the application as incomplete.

Please do not hesitate to contact me at 503-986-0892 or Joan.M.Smith@wrd.state.or.us if I may be of assistance.

Sincerely,

Joan Smith

Transfer Specialist

Transfer and Conservation Section

cc: Transfer Application file T-11894

Brian M. Mayer, District 12 Watermaster (via e-mail)

Bruce Brody-Heine, Agent for the applicant (via e-mail)

BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application T-11894, Lake County)	DRAFT
)	PRELIMINARY DETERMINATION PROPOSING APPROVAL OF
)	ADDITIONAL POINTS OF APPROPRIATION

Authority

Oregon Revised Statute (ORS) 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. Oregon Administrative Rule (OAR) Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636

Findings of Fact

- 1. On September 26, 2014, COLAHAN ENTERPRISES filed an application for additional points of appropriation under Certificates 89355 and 89546. The Department assigned the application number T-11894.
- 2. Notice of the application for transfer was published on October 14, 2014, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
- 3. On February 25, 2015, the Department contacted the applicant's agent requesting clarification of the well locations, on March 2, 2015; the applicant's agent sent revised well location measurements and a new application map.
- 4. The first right to be transferred is as follows:

Certificate: 89355 in the name of ROSS A. COLAHAN (perfected under Permit G-10059)

Use: SUPPLEMENTAL IRRIGATION of 80.6 ACRES

Priority Date: APRIL 19, 1983

Rate: 1.01 CUBIC FEET PER SECOND

Limit/Duty:

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

Source:

A WELL within the GOOSE AND SUMMER LAKE BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1- 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

Authorized Place of Use:

SUPPLEMENTAL IRRIGATION										
Twp	Twp Rng Mer Sec Q-Q									
33 S	18 E	WM	14	SE SE	36.4					
33 S	18 E	WM	23	NE NW	42.1					
33 S	18 E	WM	23	SE NW	2.1					
				Total	80.6					

Transfer Application T-11894 proposes additional points of appropriation with approximate distances from (LAKE 1627, 4448) the existing point of appropriation(POA) to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances	Distance from Existing POA
33 S	18 E	WM	23	NW SW	SVE 1 (LAKE 52530) - 1853 FEET NORTH AND 1208 FEET EAST FROM THE SW CORNER OF SECTION 23	174 feet
33 S	18 E	WM	.23	SW NE	SVE 2 (LAKE 52529) - 2665 FEET NORTH AND 1725 FEET WEST FROM THE SE CORNER OF SECTION 23	0.50 mile
33 S	18 E	WM	23	SW NE	LITTLE HOT WELL (LAKE 1628, 1626) - 347 FEET NORTH AND 1386 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 23	0.50 mile

The second right to be transferred is as follows:

Certificate:

89546 in the name of ROSS H. AND DORIS COLAHAN (perfected under

Permit G-9765)

Use:

SUPPLEMENTAL IRRIGATION of 319.4 ACRES

Priority Date: APRIL 9, 1982

Rate:

2.90 CUBIC FEET PER SECOND

Limit/Duty:

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation

season of each year.

Source:

A WELL in the CHEWAUCAN RIVER BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances	
33 S	18 E	WM	23	NW SW	WELL 1-1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23	

Authorized Place of Use:

SUPPLEMENTAL IRRIGATION								
Twp	Rng	Mer	Sec	Q-Q	Acres			
33 S	18 E	WM	23	NE NE	41.6			
33 S	18 E	WM	23	NW NE	41.4			
33 S	18 E	WM	23	SW NE	38.8			
33 S	18 E	WM	23	SE NE	41.1			
33 S	18 E	WM	23	SE NW	39.6			
33 S	18 E	WM	23	NE SW	19.9			
33 S	18 E	WM	23	NW SW	6.3			
33 S	18 E	WM	23	NE SE	8.7			
33 S	18 E	WM	24	NE NW	1.2			
33 S	18 E	WM	24	NW NW	40.6			
33 S	18 E	WM	24	SWNW	38.6			
33 S	18 E	WM	24	SE NW	1.4			
33 S	18 E	WM	24	NW SW	0.2			
				Total	319.4			

7. Transfer Application T-11894 proposes additional points of appropriation with approximate distances from the authorized point of appropriation(POA) to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances	Distance from Authorized POA
33 S	18 E	WM	23	NW SW	SVE 1 (LAKE 52530) - 1853 FEET NORTH AND 1208 FEET EAST FROM THE SW CORNER OF SECTION 23	174 feet
-33 S	18 E	WM	23	SW NE	SVE 2 (LAKE 52529) - 2665 FEET NORTH AND 1725 FEET WEST FROM THE SE CORNER OF SECTION 23	0.50 mile
33 S	18 E	WM	23	SW NE	LITTLE HOT WELL (LAKE 1628, 1626) - 347 FEET NORTH AND 1386 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 23	0.50 mile

Transfer Review Criteria (OAR 690-380-4010)

- 8. Water has been used within the last five years prior to the submittal of Transfer Application T-11894 according to the terms and conditions of the rights. There is no information in the record that would demonstrate that the rights are subject to forfeiture under ORS 540.610.
- 9. A pump, pipeline, flood irrigation sites, and sprinkler system sufficient to use the full amount of water allowed under the existing rights were present within the five-year period prior to submittal of Transfer Application T-11894.
- 10. The proposed change as conditioned would not result in enlargement of the rights.

- 11. The proposed change as conditioned would not result in injury to other water rights.
- 12. All other application requirements are met.

Determination and Proposed Action

The additional points of appropriation proposed in Transfer Application T-11894 appear to be consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000. If protests are not filed pursuant to OAR 690-380-4030, the application will be approved.

If Transfer Application T-11894 is approved, the final order will include the following:

- 1. The additional points of appropriation proposed in Transfer Application T-11894 are approved
- 2. The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 89355 and 85946 and any related decree.
- 3. Water right Certificates 89355 and 89546 are cancelled.
- 4. The quantity of water diverted at the additional points of appropriation, together with that diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.
- 5. Water use measurement and reporting conditions:
 - a. Before water use may begin under this order, the water user shall install a totalizing and instant read flow meter, or, with prior approval of the Director, another suitable measuring device at each point of appropriation new and existing.
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices, provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
 - d. The water user shall maintain a record of all water used each month, including the total number of hours of pumping, the total quantity pumped, and the categories of beneficial use to which the water is applied. The record of use shall be submitted to the Department annually, or more frequently as may be required by the Director, and shall be submitted to the Watermaster upon request.
- 6. Water shall be acquired from the same aquifer (water source) as the original point of appropriation.
- 7. Prior to using water from any well listed on this application, the water user shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID) which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

- 8. Wells with pumps shall be equipped with a minimum ¾-inch diameter, unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200. If a pump has been installed prior to the issuance of this permit and if static, water levels and pumping levels can be measured using an electrical tape, then the installation.
- 9. The proposed additional point of appropriation well (LAKE 1628) original, Little Hot Well (LAKE 1626) deepening shall be reconstructed to meet current well construction standards prior to use. The well reconstruction shall be approved by both Departments Well Construction and Compliance section staff and Department Groundwater section hydrologist staff both located at Department headquarters.
- 10. Full beneficial use of the water shall be made, consistent with the terms of this order, on or before **October 1, 2016**. A Claim of Beneficial Use prepared by a Certified Water Right Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
- 11. After satisfactory proof of beneficial use is received, a new certificate confirming the rights transferred will be issued.

Dated at Salem,	Oregon this	day of	2015.

DRAFT

Dwight French, Water Right Services Administrator, for Thomas M. Byler, Director Oregon Water Resources Department

This draft Preliminary Determination was prepared by Joan Smith. If you have any questions about the information in this document, you may reach me at 503-986-0892 or <u>Joan.M.SMITH@wrd.state.or.us</u>

Notice of Preliminary Determination for Water Right Transfer T-11894

T-11894 filed by Colahan Enterprises, PO Box 300 Paisley, OR 97636, proposes additional points of appropriation under Certificates 89355 and 89546. The rights allow a total of 3.91cfs from a well in Sec 23, T33S, R18E, WM for supplemental irrigation in Sec 23. The applicant proposes additional wells in Sec23, T33S, R18E, WM. The Water Resources Department proposes to approve the transfer, based on the requirements of ORS Chapter 540 and OAR 690-380-5000.

Any person may file, jointly or severally, a protest or standing statement within 30 days after the last date of newspaper publication of this notice, MM/DD/YEAR. Call (503) 986-0807 to obtain additional information or a protest form. If no protests are filed, the Department will issue a final order consistent with the preliminary determination.

Transfor Sile T11894

Oregon Water Resources Department

Measurement Condition Information for the Applicant

(to be sent with the Draft Preliminary Determination or Final Order)

Transfer #: T-11894

 ✓ In order to avoid enlargement of the right or inj flowmeter will be required to be installed prior to transfer: ✓ at each point of diversion/appropriation ✓ at each new point of diversion/appropriation 	diversion of water, as a condition of this (new and existing) or
For additional information, or to obtain approval of applicant should contact the area Watermaster:	a different type of measurement device, the
Watermaster name: Brian Mayer	
District: 12	RECEIVED BY OWRD
Address: 513 Center St.	FED 0.0 2040
City/State/Zip: <u>Lakeview OR 97630</u>	FEB 0 8 2016
Phone: 541 947 6038	SALEM, OR
Email: mayerbm@state.or.us	
Note: If a device other than the one specified in the approved by the Watermaster, fill out and mail	the form below to the Salem office.
Approval of an Alternate Measu (to be filled out after consultation wit	
On behalf of the Director, I authorize use of the fol	lowing suitable alternate measurement device:
An hour clock on the Hot Well (LAKE 4448) - with	th an annual pump test will be conducted
only if the well will be used in that irrigation season	a.
Watermaster signature	17 02/04/2016 Date Date
If this form is used for approval of an alternative m	easurement device, it must be mailed to:
Oregon Water Resources Department	

Salem, OR 97301-1266

725 Summer Street NE, Suite A

Salem, OR 97301-1266



MEDFORD OR 975 05 FEB 2016 PM 14



Oregon Water Resources Dept. 725 Summer St. NE, Suite A Salem, Oreogn 97301-1266

97301\$1266

արիլիներիի անկանիրի հետարիանի անդարարի ի

BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application T-11894, Lake County)	DRAFT
)	PRELIMINARY DETERMINATION
)	PROPOSING APPROVAL OF
)	ADDITIONAL POINTS OF
)	APPROPRIATION

Authority

Oregon Revised Statute (ORS) 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. Oregon Administrative Rule (OAR) Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636

Findings of Fact

- On September 26, 2014, COLAHAN ENTERPRISES filed an application for additional points of appropriation under Certificates 89355 and 89546. The Department assigned the application number T-11894.
- Notice of the application for transfer was published on October 14, 2014, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
- On February 25, 2015, the Department contacted the applicant's agent requesting clarification of the well locations, on February 26, 2015; the applicant's agent sent revised well location measurements and a new application map.
- The portion of the first right to be transferred is as follows:

89355 in the name of ROSS A. COLAHAN (perfected under Permit G-Certificate:

10059)

SUPPLEMENTAL IRRIGATION of 80.6 ACRES Use:

Priority Date: APRIL 19, 1983

1.01 CUBIC FEET PER SECOND Rate:

X

Limit/Duty: The amount of water used for irrigation, together with the amount secured

under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each

year.

Source:

A WELL within the GOOSE AND SUMMER LAKE BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances	
33 S	18 E	WM	23	NW SW	WELL 1- 1680 FEET NORTH AND 1240 FEET EAST FROM/SW CORNER OF SECTION 23	

Authorized Place of Use:

SUPPLEMENTAL IRRIGATION								
Twp	Rng	Mer	Sec	Q-Q	Acres			
33 S	18 E	WM	14	SE SE	36.4			
33 S	18 E	WM	23	NENW	42.1			
33 S	18 E	WM	23	SE NW	2.1			
	dan lateda acomo			Total	80.6			

5. Transfer Application T-11894 proposes additional points of appropriation with approximate distances from (LAKE 1627, 4448) the existing point of appropriation(POA) to:

		,			,		/
Twp	Rng	Mer	Sec	Q-Q	Measured Distances	Distance from Existing POA	up
33 S	18 E	WM	23	NW SW	SVE 1 (LAKE 52530) - 1853 FEET NORTH AND 1208 FEET EAST FROM THE SW CORNER OF SECTION 23	153 feet	17
33 S	18 E	WM	23	SW NE	SVE 2 (LAKE 52529) - 2665 FEET NORTH AND 1725 FEET WEST FROM THE SE CORNER OF SECTION 23	0.40 mile	.5
33 S	18 E	WM	23	SW NE	LITTLE HOT WELL (LAKE 1628, 1626) - 347 FEET NORTH AND 1386 FEET WEST FROM THE E 1/4 CORNER OF SECTION 23	0.50 mile	1283

5. The portion of the first right to be transferred is as follows:

Certificate: 89546 in the name of ROSS H. AND DORIS COLAHAN (perfected under

Permit G-9765)

Use: SUPPLEMENTAL IRRIGATION of 319.4 ACRES

Priority Date: APRIL 9, 1982

Rate: 2.90 CUBIC FEET PER SECOND

Limit/Duty: The amount of water used for irrigation, together with the amount secured

under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation

season of each year.

x-51

X

T-11894.jms

Source:

X

A WELL in the CHEWAUCAN RIVER BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	´ Q-Q	Well - Measured Distances
33 S	18 E	WM	23	NW SW	1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

Authorized Place of Use:

	SUPPLEMENTAL IRRIGATION												
Twp	Rng	Mer	Sec	Q-Q	Acres								
33 S	18 E	WM	23	NE NE	41.6								
33 S	18 E	WM	23	NW NE	41.4								
33 S	18 E	WM	23	SW NE	38.8								
33 S	18 E	WM	23	SE NE	41.1								
33 S	18 E	WM	23	SE NW	39.6								
33 S	18 E	WM	23	NE SW	19.9								
33 S	18 E	WM	23	NW SW	6.3								
33 S	18 E	WM	23	NE SE	8.7								
33 S	18 E	WM	24	NE NW	1.2								
33 S	18 E	WM	24	NW NW	40.6								
33 S	18 E	WM	24	SW NW	38.6								
33 S	18 E	WM	24	SE NW	1.4								
33 S	18 E	WM	24	NW SW	0.2								
	un	68/01		> Total	un bs/d -> Total 319.4								

7. Transfer Application T-11894 proposes additional points of appropriation with approximate distances from the authorized point of appropriation(POA) to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances	Distance from Authorized POA	Igot
33 S	18 E	WM	23	NW SW	SVE 1 (LAKE 52530) - 1853 FEET NORTH AND 1208 FEET EAST FROM THE SW CORNER OF SECTION 23	153 feet	174 Ft
33 S	18 E	WM	23	SW NE	SVE 2 (LAKE 52529) - 2665 FEET NORTH AND 1725 FEET WEST FROM THE SE CORNER OF SECTION 23	0.40 mile	0.5 ML
33 S	18 E	WM	23	SW NE	LITTLE HOT WELL (LAKE 1628, 1626) - 347 FEET NORTH AND 1386 FEET WEST FROM THE EAST 1/4 CORNER OF SECTION 23	0.50 mile	0.5 ML

Transfer Review Criteria (OAR 690-380-4010)

- 8. Water has been used within the last five years prior to the submittal of Transfer Application T-11894 according to the terms and conditions of the rights. There is no information in the record that would demonstrate that the rights are subject to forfeiture under ORS 540.610.
- 9. A pump, pipeline, flood irrigation sites, and sprinkler system sufficient to use the full amount of water allowed under the existing right(s) were present within the five-year period prior to submittal of Transfer Application T-11894.
- 10. The proposed change as conditioned would not result in enlargement of the rights.

Page 3 of 5

T-11894.jms

K

- 11. The proposed change as conditioned would not result in injury to other water rights.
- 12. All other application requirements are met.

Determination and Proposed Action

The additional points of appropriation proposed in Transfer Application T-11894 appear to be consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000. If protests are not filed pursuant to OAR 690-380-4030, the application will be approved.

If Transfer Application T-11894 is approved, the final order will include the following:

- The additional points of appropriation proposed in Transfer Application T-11894 are approved
- The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 89355 and 89355 and any related decree. 89546
- Water right Certificates 89355 and 89546 are cancelled. 3.
- The quantity of water diverted at the additional points of appropriation, together with that and instant read diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.

Water use measurement/conditions:

- a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device at each point of appropriation new and existing.
- b. The water user shall maintain the meters or measuring devices in good working order.
- c. The water user shall allow the Watermaster access to the meters or measuring device(s), provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice
- Before water use may begin, the water user shall install a totalizing flow meter at each point of appropriation. The totalizing flow meter must be installed and maintained in good working order. In addition, the water user shall maintain a record of all water used each month, including the total number of hours of pumping, the total quantity pumped, and the categories of beneficial use to which the water is applied. The record of use shall be submitted to the Department annually, or more frequently as may be required by the Director, and shall be submitted to the Watermaster upon request.
- Water shall be acquired from the same aquifer (water source) as the original point of appropriation.

X

T-11894.jms

in the second of the second of

- 8. Prior to using water from any well listed on this permit, the water user shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID). A tag showing the Well ID shall be permanently attached to the well. If a well does not have a Well ID, the water user shall apply for one from the Department and attach it to the well within 60 days of the date the permit is issued. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.
- 9. Wells with pumps shall be equipped with an unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200.
 - 10. The proposed additional point of appropriation well (LAKE 1628) original, Little Hot Well (LAKE 1626) deepening shall be reconstructed to meet current well construction standards prior to use. The well reconstruction shall be approved by both Departments Well Construction and Compliance section staff and Department Groundwater section hydrologist staff both located at Department headquarters.
 - 11. Full beneficial use of the water shall be made, consistent with the terms of this order, on or before **October 1, 2016**. A Claim of Beneficial Use prepared by a Certified Water Right Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
 - 12. After satisfactory proof of beneficial use is received, a new certificate confirming the rights transferred will be issued.

Dated at Salem,	Oregon this	day of	2015
	6		

DRAFT

Dwight French, Water Right Services Administrator, for Thomas M. Byler, Director Oregon Water Resources Department

This draft Preliminary Determination was prepared by Joan Smith. If you have any questions about the information in this document, you may reach me at 503-986-0892 or Joan.M.SMITH@wrd.state.or.us

Notice of Preliminary Determination for Water Right Transfer T-11894

a total of

T-11894 filed by Colahan Enterprises, PO Box 300 Paisley, OR 97636, proposes additional points of appropriation under Certificates 89355 and 89546. The rights allow the use of 3.91 CFS from A WELL in Sec 23, T/33S, R18/E, WM for supplemental irrigation in Sec. 23. The applicant proposes additional wells in Sec 23, T/33S, R/18E, WM. The Water Resources Department proposes to deny the transfer, based on the requirements of ORS Chapter 540 and OAR 690-380-5000.

Any person may file, jointly or severally, a protest or standing statement within 30 days after the last date of newspaper publication of this notice, MM/DD/YEAR. Call (503) 986-0807 to obtain additional information or a protest form. If no protests are filed, the Department will issue a final order consistent with the preliminary determination.

A Water Right Transfer Protest Form is available at http://www.oregon.gov/OWRD/PUBS/docs/forms/TransferProtestForm09_09.pdf, or by calling 503-986-0807. Protests must be received by the Department on or before [30 days after WRD notice], or within 30 days of the last date of publication in a newspaper, whichever is later. If no protests are filed, the Department will issue a final order consistent with the preliminary determination.

STATE OF OREGON

COUNTY OF

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

ROSS A COLAHAN P.O. BOX 300 PAISLEY, OR 97636

confirms the right to use the waters of A WELL, in the GOOSE AND SUMMER LAKE BASIN for SUPPLEMENTAL IRRIGATION of 80.6 ACRES.

This right was perfected under Permit G-10059. The date of priority is APRIL 19, 1983. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 1.01 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the well.

The point of appropriation is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1 - 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acrefeet per acre for each acre irrigated during the irrigation season of each year. The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

A description of the place of use to which this right is appurtenant is as follows:

	SUPPLEM	IENTAL	IRRIC	GATION	
Twp	Rng	Mer	Sec	Q-Q	Acres
33 S	18 E	WM	14	SE SE	36.4
33 S	18 E	WM	23	NENW	42.1
33 S	18 E	WM	23	SENW	2.1
				TOTAL	80.6

This certificate is issued in accordance with OAR 690-380-6010 to correctly describe the water right for a non-completed additional point of appropriation approved by an order of the Water Resources Director entered January 10, 2012, at Special Order Volume 85, Pages 911-915, approving Transfer Application T-11214 and supersedes Certificate 82230, State Record of Water Right Certificates.

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

T-11214.pks Page 1 of 2 Certificate 89355

The issuance of this superseding certificate does not confirm the status of the water right in regard to the provisions of ORS 540.610 pertaining to forfeiture or abandonment.

The well shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The works shall include an airline and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The water user shall maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

WITNESS the signature of the Water Resources Director, affixed _____

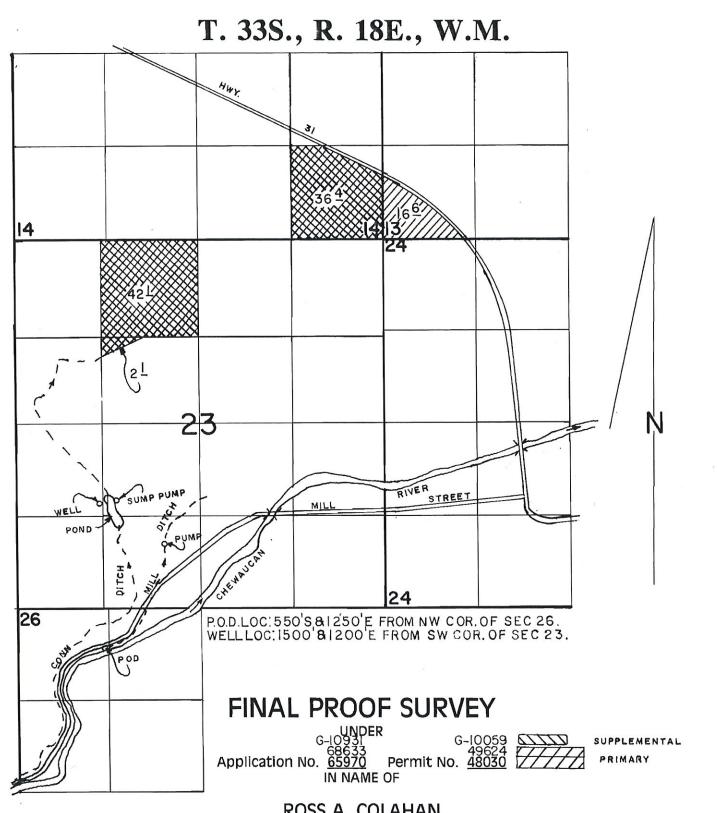
6-18-2014

Dwight

Water Right Services Division Administrator, for

Director

Oregon Water Resources Department



ROSS A. COLAHAN

Surveyed APRIL 12, 1994, by R.M.SUTTERFIELD

STATE OF OREGON

COUNTY OF

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

ROSS H. AND DORIS COLAHAN P.O. BOX 300 PAISLEY, OR 97636

confirms the right to use the waters of A WELL, in the CHEWAUCAN RIVER BASIN for SUPPLEMENTAL IRRIGATION OF 319.4 ACRES.

This right was perfected under Permit G-9765. The date of priority is APRIL 9, 1982. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 2.9 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the well.

The point of appropriation is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1 - 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

The right shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein.

The right shall conform to such reasonable rotation system as may be ordered by the proper state officer.

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

T-11214-partial revert-64775.pks

Page 1of 2

Certificate 89546.

A description of the place of use to which this right is appurtenant is as follows:

		•			_
	SUPPLEM	ENTAL	IRRI	GATION	
Twp	Rng	Mer	Sec	Q-Q	Acres
33 S	18 E	WM	23	NE NE	41.6
33 S	18 E	WM	23	NW NE	41.4
33 S	18 E	WM	23	SW NE	38.8
33 S	18 E	WM	23	SE NE	41.1
33 S	18 E	WM	23	SE NW	39.6
33 S	18 E	WM	23	NE SW	19.9
33 S	18 E	WM	23	NW SW	6.3
33 S	18 E	WM	23	NE SE	8.7
33 S	18 E	WM	24	NE NW	1.2
33 S	18 E	WM	24	NW NW	40.6
33 S	18 E	WM	24	SW NW	38.6
33 S	18 E	WM	24	SE NW	1.4
33 S	18 E	WM	24	NW SW	0.2
				TOTAL	319.4

This certificate is issued in accordance with OAR 690-380-6010 to correctly describe the water right for a non-completed additional point of appropriation approved by an order of the Water Resources Director entered January 10, 2012, at Special Order Volume 85, Pages 911-915, approving Transfer Application T-11214 and supersedes Certificate 64775, State Record of Water Right Certificates.

The issuance of this superseding certificate does not confirm the status of the water right in regard to the provisions of ORS 540.610 pertaining to forfeiture or abandonment.

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

WITNESS the signature of the Water Resources Director, affixed Defobre 6. 201.

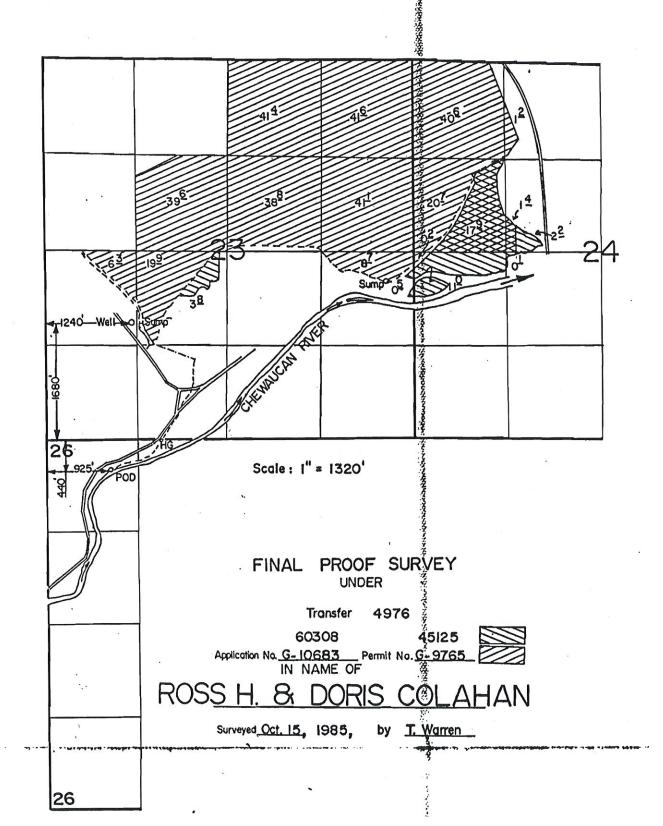
Dwight French

Water Right Services Division Administrator, for

Thomas M. Byler, Director

Oregon Water Resources Department

T. 33S., R. 18E., W.M.



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 #89355

Description of Water Delivery System

System capacity: 1.01 cubic feet per second (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. Approved POA has 100HP turbine well pump that pumps water into a bulge (pond) that has 2 40HP turbine pond pumps. Water is pumped to 2 center pivots, various wheel lines, and flood irrigation sites.

SVE-1 has a 200HP turbine well pump, and SVE-2 has 300HP turbine well pump. Water is pumped from SVE-1 through 2600' of 12" diameter pipe to the intersection with the discharge line from SVE-2 (200' of 12" line), then the combined water is moved through 820' of 16" diameter pipe from intersection of SVE-2 to Power Plant. A controlled volume of water is diverted from the the power plant to the bulge in the system through a 3200' 12" in diameter line. The Little Hot well has a 25HP submersible pump and water from this well is piped into the onsite irrigation line.

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.)

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)	T	wp	R	ng	Sec	1/4	1 /4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1 (Hot Well)	Authorized Proposed	LAKE 1627, 4448	33	s	18	E	23	NW	sw	1300	1680' N and 1240' E from the SW corner of Section 23.
SVE 1	☐ Authorized ☐ Proposed	LAKE 52530	33	S	18	E	23	NW	SW.	1300	2,050' N and 1,370' E from the SW corner of Section 23.
SVE 2	☐ Authorized ☐ Proposed	LAKE 52529	33	S	18	E	23	NW	SE	1300	2,665' N and 1,725' W from the SE corner of Section 23.
Little Hot Well	☐ Authorized ☐ Proposed	LAKE 1628, 1626	33	s	18	E	23	sw	NE	1300	310' N and 1270' W from the E 1/4 corner of Section 23

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

Place of Use (POU)		Supplemental Use to Primary Use (S to P)
Character of Use (USE)		Point of Appropriation/Well (POA)
Point of Diversion (POD)	\boxtimes	Additional Point of Appropriation (APOA)
Additional Point of Diversion (APOD)		Substitution (SUB)
Surface Water POD to Ground Water		Government Action POD (GOV)
POA (SW/GW)		DECEIVED

	of the proposed changes affect the entire water right:
X Yes	Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
☐ No	Complete all of Table 2 to describe the portion of the water right to be changed.

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions.

Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

Table 2. Description of Changes to Water Right Certificate # 89355

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.	Twp Rng Sec 1/4 1/4 Lot DLC Acres Type of to be used (from Date DLC Table 1)		33 S 18 E 14 SE SE 801 N/A 36.4 N/A SVE 1, SVE 2, 4/19/1983 Little Hot Well 1,	33 S 18 E 23 NE NW 802 N/A 42.1 N/A SVE 1, SVE 2, 4/19/1983 Little Hot Well	33 S 18 E 23 SE NW 1300 N/A 2.1 N/A SVE 1, SVE 2, 4/19/1983 Little Hot Well					TOTAL ACRES: 80.6
Proposed Changes (see	Landa of the state of the state of		APOA	APOA	APOA			(1)	<u>-</u>	
n" or "off" lands) EFORE PROPOSED CHANGES er right that will be changed.										
AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.	Twp Rng Sec 1/4 1/4 Tax Lot or Acres	-								TOTAL ACRES:

Additional remarks: Adding 3 POAs to this existing water right.



SEP. 26 2014

OWRD

For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands? ☐ Yes ☐ No ☒ N/A No POU change

If YES, list the certificate, water use permit, or ground water registration numbers: - NA -



Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation) - NA -

Ground water supplemental Permit or Certificate # - NA -; Surface water primary Certificate # - NA -.

For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # - NA -

For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx

AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer	Well -specifi rate (cfs or gpm). If les han full rate water right
---	--	--	------------------------	--------------------	-------------------------------	---------------------------------	---	--	----------------	---

Similar OWRD Groundwater reviews were completed under the Transfer T-11214 (GW review dated 5/16/2011) and for the recent drought temporary transfer application T-11860 (GW review dated 7/23/2014)

Part 5 of 5 - Water Right Information

T-11894

RECEIVED

SEP. 26 2014

OWRD

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.

CERTIFICA	TE # Former 64775 (OWRD reverting T-11214 and issuir	g new certificate as part of this
	Transfer application- see attached letter)	next#8954/0
Description of W	ater Delivery System	
System capacity:	2.90 cubic feet per second (cfs) OR	COPY
	gallons per minute (gpm)	
	2.90 cubic feet per second (cfs) OR	COP

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. Approved POA has 100HP turbine well pump that pumps water into a bulge (pond) that has 2 40HP turbine pond pumps. Water is pumped to 2 center pivots, various wheel lines, and flood irrigation sites.

SVE-1 has a 200HP turbine well pump, and SVE-2 has 300HP turbine well pump. Water is pumped from SVE-1 through 2600' of 12" diameter pipe to the intersection with the discharge line from SVE-2 (200' of 12" line), then the combined water is moved through 820' of 16" diameter pipe from intersection of SVE-2 to Power Plant. A controlled volume of water is diverted from the the power plant to the bulge in the system through a 3200' 12" in diameter line. The Little Hot well has a 25HP submersible pump and water from this well is piped into the onsite irrigation line.

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.)

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)	Т	wp	R	ng	Sec	1/4	½	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1 (Hot Well)	✓ Authorized✓ Proposed	LAKE 1627, 4448	33	S	18	E	23	NW	sw	1300	1680' N and 1240' E from the SW corner of Section 23.
SVE 1	☐ Authorized ☐ Proposed	LAKE 52530	33	S	18	E	23	NW	sw	1300	2,050' N and 1,370' E from the SW corner of Section 23.
SVE 2	☐ Authorized ☐ Proposed	LAKE 52529	33	S	18	E	23	NW	SE	1300	2,665' N and 1,725' W from the SE corner of Section 23.
Little Hot Well	☐ Authorized ☐ Proposed	LAKE 1628, 1626	33	S	18	E	23	sw	NE	1300	310' N and 1270' W from the E 1/4 corner of Section 23

Check a	all type(s) of change(s) proposed below (c	hange	e "CODES" are provided in parentheses):
	Place of Use (POU)		Supplemental Use to Primary Use (S to P)
	Character of Use (USE)		Point of Appropriation/Well (POA)
	Point of Diversion (POD)	\boxtimes	Additional Point of Appropriation (APOA)
	Additional Point of Diversion (APOD)		Substitution (SUB)
	Surface Water POD to Ground Water POA (SW/GW)		Government Action POD (GOV)

Will all of the proposed changes affect the entire water right?

Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.

No Complete all of Table 2 to describe the portion of the water right to be changed.

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions.

Contact the Department at 503-986-0900 and ask for Transfer Staff. Do you have questions about how to fill-out the tables?

Table 2. Description of Changes to Water Right Certificate # Former 64775 (see attached reversion letter)

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

	To Designation	- I market							
ES	Priority Date		4/9/1982	4/9/1982	4/9/1982	4/9/1982	4/9/1982	4/9/1982	4/9/1982
PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.	Got Lot or Acres Type of to be used (from DLC Table 1)		NE NE 1300 N/A 41.6 N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well
n" lanc ROPOS	New Type of 1		N/A	N/A S	N/A S	N/A S	N/A S	N/A S	N/A S
PROPOSED (the "to" or "on" lands) it would appear AFTER PROPOSEI are made.	Acres		41.6	41.4	38.8	41.1	39.6	19.9	6.3
(the "to" car AFTE	Gvt Lot or DLC		N/A	N/A	N/A		N/A	N/A	N/A
SED (t appea	Tax Lot		1300	1300 N/A	1300 N/A	1300 N/A	1300 N/A	1300	1300
OPOS	7.		NE	NE	SW NE	NE	NW	SW 1300 N/A	23 NW SW 1300 N/A
PR as it				NW	SW	SE	SE	NE	N
sting	Sec		23	23	23	23	23	23	
The li	Rng		33 S 18 E	※ 편	조	8	<u>교</u>	E	E
			S	33 S 18	S	S 18	S 18	33 S 18	S 18
7.7 30 502 605	Twp		33	33	33 S 18	33 S	33 S	33	33 S 18
Proposed Changes (see	"CODES" from previous page)		APOA	APOA	APOA	APOA	APOA	APOA	APOA
NGES	Priority Date								A Company
AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.	Type of USE POD(s) or listed on Or number Date from Table 1)			- 1 - 2 - 2 - 2					
AUTHORIZED (the "from" or "off" lands) ing that appears on the certificate BEFORE PROPOSED CH List only that part or portion of the water right that will be changed	Type of USE listed on Certificate				1				
"from" ate BE	Acres	¥.:							
) (the 'ertifican of the	Tax Gvt Lot DLC								
RIZEI n the c r portic	Tax Lot								
AUTHO appears o	74	_							
g that	Sec		7 7	1					
e listin	Rng								7:
The	Twp		1						

Table continued on the next page

Additional remarks: Adding 3 POAs to this existing water right.

SEP. 26 2014

TACS



Permanent Transfer Application Form - Page 13 of 15

Revised 7/1/2013

OWRD

							Twp Rng	The listi
							Sec	ng tha
TOT							7, 7,	AUTHO It appears o ly that part o
TOTAL ACRES:						2	Tax Lot	RIZEI n the c
RES:							Gvt Lot or Acres DLC) (the ertific
							Acres	"from" ate BE
							Type of USE listed on Certificate	AUTHORIZED (the "from" or "off" lands) appears on the certificate BEFORE PROPOS that part or portion of the water right that will be
							POD(s) or POA(s) (name Priority or number Date from Table 1)	AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.
							Priority Date	NGES
	APOA	APOA	APOA	APOA	APOA	APOA	from previous page)	Proposed Changes (see
Pict	33 S	33 S	33 S	33 S	33 S	33 S	Twp	
		S 18	S 18	S 18	S 18	S 18		
	18 E	E	ਲ	E	E	E	Rng	le lis
	24	24	24	24	24	23	Sec	ting
	NW		SW	WN	NE	NE	7, 7,	PRoas it v
TOLA	WS	WN	WN	WN	WW	SE	7,	OPOS vould
TOTAL ACKES:	24 NW SW 1300 N/A	SE NW 1300 N/A	24 SW NW 1300 N/A	1300	NE NW 1300 N/A	1300 N/A	Tax Lot	SED (t appea ar
ES:	N/A	N/N	N/A	N/A	N/N	N/A	Gvt Lot or DLC	(the "to" cear AFTE are made.
319.4	0.2	1.4	38.6	NW NW 1300 N/A 40.6	1.2	8.7	Acres	PROPOSED (the "to" or "on" lands) it would appear AFTER PROPOSEI are made.
	N/A	N/N	N/N	N/A	N/A	N/A	New Type of USE	n" lan (OPO)
	SVE 1, SVE 2, 4/9/1982 Little Hot Well	SVI	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well	Tax Lot or Acres Type of to be used (from USE Table 1)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.
	, 4/9/1982	, 4/9/1982	, 4/9/1982	4/9/1982	4/9/1982	4/9/1982	Priority Date	SE



Certificate # Former 64775 69546 (see attached reversion letter)

For Place of Use or Character of Use Chan	aracter of Use Changes	or	Use	of	Place	For
---	------------------------	----	-----	----	-------	-----

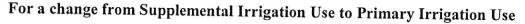
Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands? \square Yes \square No \boxtimes N/A No POU change

If YES, list the certificate, water use permit, or ground water registration numbers: - NA -

Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation) - NA -

Ground water supplemental Permit or Certificate # - NA -: Surface water primary Certificate # - NA -:



Identify the primary certificate to be cancelled. Certificate # - NA -



For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx

AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For proposed wells not yet constructed or built, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). If less han full rate of water right
---	--	--	------------------------	-----------------	-------------------------------	---------------------------------	---	--	--	--

Similar OWRD Groundwater reviews were completed under the Transfer T-11214 (GW review dated 5/16/2011) and for the recent drought temporary transfer application T-11860 (GW review dated 7/23/2014)

RECEIVED

V400



Attachment A

Transfer Application Map

RECEIVED

SEP 26 2014

OWRD

COPY

BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application)	FINAL ORDER APPROVING AN
T-11860, Lake County)	EMERGENCY USE DROUGHT
)	TEMPORARY ADDITIONAL POINTS
)	OF APPROPRIATION

Authority

ORS 536.750 establishes the process in which a water right holder may submit a request to temporarily transfer the use, place of use or point of diversion of water in the event of a declaration of drought, without complying with the notice and waiting requirements under ORS 540.520. OAR Chapter 690, Division 019 implements the statutes and provides the Department's procedures and criteria for evaluating drought transfer applications.

Applicant

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636

Findings of Fact

Certificate:

- 1. On July 14, 2014, COLAHAN ENTERPRISES filed an application to temporarily add points of appropriation under Certificate 89355 for the remainder of the 2014 irrigation season or the term of the Governor's declared drought, whichever is shorter. The Department assigned the application number T-11860.
- 2. Notice of the application for temporary drought transfer was published on July 22, 2014, pursuant to OAR 690-019-0055(5). No comments were filed in response to the notice.

T-11214 in the name of ROSS A. COLAHAN (perfected under

3. The right to be temporarily transferred is as follows:

Permit G-10059)

Use: SUPPLEMENTAL IRRIGATION OF 80.6 ACRES

Priority Date: APRIL 19, 1983

Rate: 1.01 CUBIC FEET PER SECOND

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Limit/Duty:

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

Source:

A WELL within the GOOSE AND SUMMER LAKE BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1 - 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

Authorized Place of Use:

	SUPPLEM	IENTAL	IRRIC	GATION	
Twp	Rng	Mer	Sec	Q-Q	Acres
33 S	18 E	WM	14	SE SE	36.4
33 S	18 E	WM	23	NE NW	42.1
33 S	18 E	WM	23	SE NW	2.1

4. Temporary Drought Transfer Application T-11860 proposes two additional points of appropriation between approximately 385 and 2400 feet from the authorized point of appropriation to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	SVE-1 - 2050 FEET NORTH AND 1370 FEET EAST FROM THE SW CORNER OF SECTION 23
33 S	18 E	WM	23	NW SE	SVE-2 - 2665 FEET NORTH AND 1725 FEET EAST FROM THE SE CORNER OF SECTION 23

Temporary Drought Transfer Review Criteria

- 5. Water has been used within the last five years according to the terms and conditions of the right. There is no evidence available that would demonstrate that the right is subject to forfeiture under ORS 540.610.
- 6. A pump, pipeline, and sprinkler system sufficient to use the full amount of water allowed under the existing right is present.
- 7. The Governor issued an executive order on February 13, 2014, declaring a state of drought emergency in Lake County due to drought and extreme weather conditions, which is still in effect and the water right proposed for transfer is on lands included in the area covered by the drought order.
- 8. The proposed changes would not result in enlargement of the rights.
- 9. The proposed changes would not result in injury to other water rights. This finding is made through an abbreviated review recognizing that the transfer may be revoked under OAR 690-019-055(3) if injury to existing water rights is shown and cannot be mitigated to the satisfaction of the Director and injured parties.

Conclusions of Law

The temporary additional points of appropriation proposed in Temporary Drought Transfer Application T-11860 are consistent with the requirements of ORS 536.750 and OAR 690-019-0055.

Now, therefore, it is ORDERED:

- 1. The temporary additional points of appropriation proposed in Temporary Drought Transfer Application T-11860 are approved.
- 2. The quantity of water diverted at the additional points of appropriation, together with that diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.
- 3. Water use measurement conditions:
 - a. **Before water use may begin** under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device, at each new point of appropriation.
 - b. The water user shall maintain the meter or measuring device in good working order.
 - c. The water user shall allow the Watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the Watermaster shall request access upon reasonable notice.
- 4. Prior to using water from the proposed additional points of appropriation, the water user shall ensure that each well has been assigned an OWRD Well Identification Number (Well ID). A tag showing the Well ID shall be permanently attached to the well. If a well does not have a Well ID, the water user shall apply for one from the Department and attach it to the well within 60 days of the date the transfer order is approved. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.
- 5. Wells with pumps shall be equipped with an unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200.
- 6. The approval of this temporary drought transfer may be revoked or modified if the Department finds the changes cause injury to any existing water right.
- 7. The use of water from the temporary additional points of appropriation authorized by this transfer shall be in accordance with the terms and conditions of Certificate 89355. The additional points of appropriation shall revert to the authorized point of appropriation at the end of the 2014 irrigation season.
- 8. The approval of this temporary transfer may be revoked or modified if the Department finds the change causes injury to any existing water right.

The proposed additional points of appropriation shall revert to the authorized point of appropriation at the end of the 2014 irrigation season or the end of the Governor's declared drought, whichever occurs first.
 Dated at Salem, Oregon this _____ day of August 2014.

Dwight French, Water Right Services Administrator, for Director

Oregon Water Resources Department

Mailing Date: _____AUG_ 0 8 2014

T-11894

BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application)	FINAL ORDER APPROVING A
T-11214, Lake County, Oregon)	PARTIAL REVERSION OF POINTS
)	OF APPROPRIATION AND
)	AMENDING SPECIAL ORDER
)	VOLUME 85, PAGES 911-915,
)	APPROVING T-11214

Authority

OAR 690-380-6010(6) provides that a point of diversion or appropriation shall revert to the last authorized point of diversion or appropriation if the changes authorized under a transfer are not completed.

Applicant

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636



Findings of Fact

- 1. On March 21, 2011, COLAHAN ENTERPRISES filed an application for additional points of appropriation under Certificate 64775 and 82230. The Department assigned the application number T-11214.
- 2. On January 10, 2012, the Water Resources Department issued an order approving the additional points of appropriation. The order was recorded in Special Order Volume 85, Pages 911-915.
- 3. On November 12, 2013, the Water Resources Department issued an order approving an extension of time for Transfer Application T-11214. The order was recorded in Special Order Volume 91, Pages 498-499.
- 4. On June 11, 2014, Erin K. Douglas, Secretary for Colahan Enterprises, notified the Department that the additional points of appropriation authorized under T-11214 for Certificate 82230 would not be completed and requested that the additional points of appropriation revert back from the new wells (Wells 2, 3, and 4) to Well No. 1, the point of appropriation that was authorized under Certificate 82230 prior to T-11214.

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

5. Information is available from Transfer Application T-11214 that indicates that the location of the point of appropriation (Lake 1627 and Lake 4448) for Certificate 82230 is better described as being:

	Twp	Rng	Mer	Sec	Q-Q	Measured Distances
F	33 S	18 E	WM	23	NW SW	WELL 1 - 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

- 6. Pursuant to OAR 690-380-6010(6), the point of appropriation shall revert to the last authorized point of appropriation for that portion of the transfer not completed.
- 7. The portion of Special Order Vol. 85, Page 911-915, approving Transfer Application T-11214, is amended to remove Certificate 82230.

Conclusion of Law

The request to revert the right described by Certificate 82230 back to the last authorized point of appropriation is consistent with the requirements of OAR 690-380-6010(6).

Now, therefore, it is ORDERED:

- 1. The additional points of appropriation (Wells 2,3, and 4) for Certificate 82230 authorized by Transfer Application T-11214 are reverted to Well No. 1, the point of appropriation that was authorized under Certificate 82230 prior to the transfer.
- 2. A superseding certificate for Certificate 82230 shall be issued to confirm the water right.
- 3. All other terms and conditions of Special Order Vol. 85, pages 911-915 remain unchanged.

Dated at Salem, Oregon this 18 day of 1, 2014.

Dwight French

Water Right Services Division Administrator, for

Director \

Oregon Water Resources Department

Mailing date: JUL 0 9 2014

T-11894

STATE OF OREGON

COUNTY OF

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

ROSS A COLAHAN P.O. BOX 300 PAISLEY, OR 97636

confirms the right to use the waters of A WELL, in the GOOSE AND SUMMER LAKE BASIN for SUPPLEMENTAL IRRIGATION of 80.6 ACRES.

This right was perfected under Permit G-10059. The date of priority is APRIL 19, 1983. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 1.01 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the well.

The point of appropriation is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1 - 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acrefeet per acre for each acre irrigated during the irrigation season of each year. The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

A description of the place of use to which this right is appurtenant is as follows:

	SUPPLEM	1ENTAL	IRRIC	GATION	
Twp	Rng	Mer	Sec	Q-Q	Acres
33 S	18 E	WM	14	SE SE	36.4
33 S	18 E	WM	23	NENW	42.1
33 S	18 E	WM	23	SE NW	2.1
				TOTAL	80.6



This certificate is issued in accordance with OAR 690-380-6010 to correctly describe the water right for a non-completed additional point of appropriation approved by an order of the Water Resources Director entered January 10, 2012, at Special Order Volume 85, Pages 911-915, approving Transfer Application T-11214 and supersedes Certificate 82230, State Record of Water Right Certificates.

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

The issuance of this superseding certificate does not confirm the status of the water right in regard to the provisions of ORS 540.610 pertaining to forfeiture or abandonment.

The well shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The works shall include an airline and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The water user shall maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

WITNESS the signature of the Water Resources Director, affixed ____

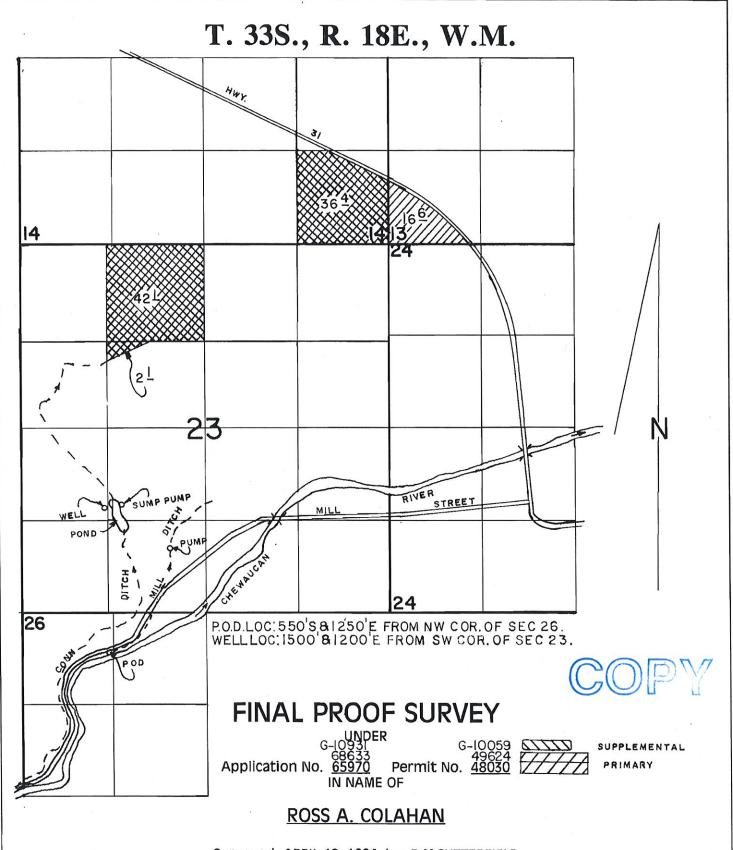
6-18-2014

Dwight(

Water Right Services Division Administrator, for

Director

Oregon Water Resources Department



Surveyed APRIL 12, 1994, by R.M.SUTTERFIELD

Secretary of the second of the

b.

STATE OF OREGON

T-11894

COUNTY OF

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

ROSS H. AND DORIS COLAHAN P.O. BOX 300 PAISLEY, OR 97636



confirms the right to use the waters of A WELL, in the CHEWAUCAN RIVER BASIN for SUPPLEMENTAL IRRIGATION OF 319.4 ACRES.

This right was perfected under Permit G-9765. The date of priority is APRIL 9, 1982. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 2.9 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the well.

The point of appropriation is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1 - 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

The right shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein.

The right shall conform to such reasonable rotation system as may be ordered by the proper state officer.

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

T-11214-partial revert-64775.pks

Page 1of 2

Certificate 89546.

A description of the place of use to which this right is appurtenant is as follows:

	SUPPLEM	IENTAL	IRRI	GATION	
Twp	Rng	Mer	Sec	Q-Q	Acres
33 S	18 E	WM	23	NE NE	41.6
33 S	18 E	WM	23	NW NE	41.4
33 S	18 E	WM	23	SW NE	38.8
33 S	18 E	WM	23	SE NE	41.1
33 S	18 E	WM	23	SE NW	39.6
33 S	18 E	WM	23	NE SW	19.9
33 S	18 E	WM	23	NW SW	6.3
33 S	18 E	WM	23	NE SE	8.7
33 S	18 E	WM	24	NE NW	1.2
33 S	18 E	WM	24	NWNW	40.6
33 S	18 E	WM	24	SW NW	38.6
33 S	18 E	WM	24	SE NW	1.4
33 S	18 E	WM	24	NW SW	0.2
				TOTAL	319.4

This certificate is issued in accordance with OAR 690-380-6010 to correctly describe the water right for a non-completed additional point of appropriation approved by an order of the Water Resources Director entered January 10, 2012, at Special Order Volume 85, Pages 911-915, approving Transfer Application T-11214 and supersedes Certificate 64775, State Record of Water Right Certificates.

The issuance of this superseding certificate does not confirm the status of the water right in regard to the provisions of ORS 540.610 pertaining to forfeiture or abandonment.

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

WITNESS the signature of the Water Resources Director, affixed ___

Dwight French

Water Right Services Division Administrator, for

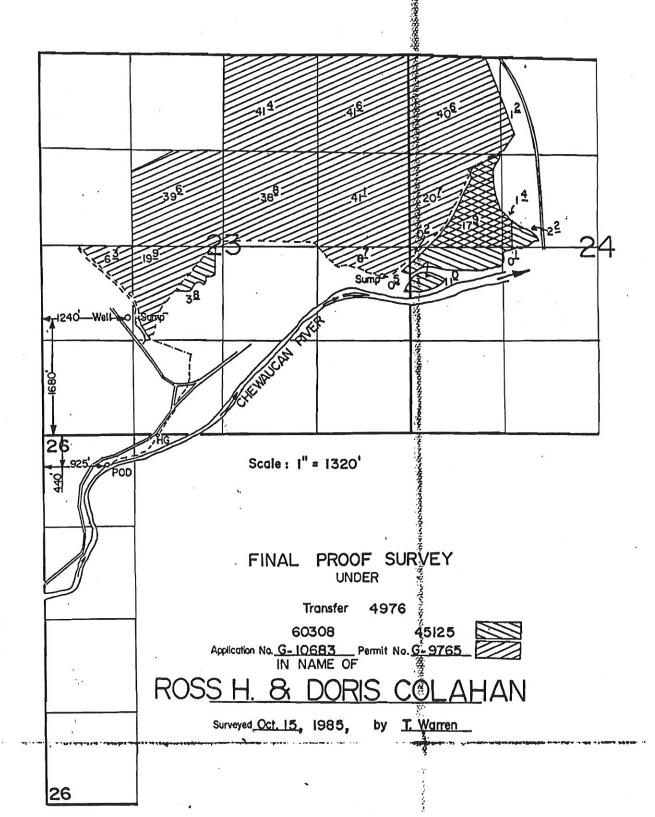
Thomas M. Byler, Director

Oregon Water Resources Department

October 6, 2011.

T. 33S., R. 18E., W.M.





BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application)	FINAL ORDER APPROVING A
T-11214, Lake County, Oregon)	REVERSION OF POINTS OF
)	APPROPRIATION

Authority

OAR 690-380-6010(6) provides that a point of diversion or appropriation shall revert to the last authorized point of diversion or appropriation if the changes authorized under a transfer are not completed.

Applicant

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636

Findings of Fact

- 1. On March 21, 2011, COLAHAN ENTERPRISES filed an application for additional points of appropriation under Certificate 64775 and 82230. The Department assigned the application number T-11214.
- 2. On January 10, 2012, the Water Resources Department issued an order approving the additional points of appropriation. The order was recorded in Special Order Volume 85, Pages 911-915.
- 3. On November 12, 2013, the Water Resources Department issued an order approving an extension of time for Transfer Application T-11214. The order was recorded in Special Order Volume 91, Pages 498-499.
- 4. On June 11, 2014, Erin K. Douglas, Secretary for Colahan Enterprises, notified the Department that the additional points of appropriation authorized under T-11214 for Certificate 82230 would not be completed and requested that the additional points of appropriation revert back from the new wells (Wells 2, 3, and 4) to Well No. 1, the point of appropriation that was authorized under Certificate 82230 prior to T-11214.
- 5. On June 18, 2014, an order was issued by the Department partially reverting and amending the transfer order approving Transfer Application T-11214. The reversion order was recorded in Special Order Volume 92, Pages 930-931.

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

- 6. On September 15, 2014, Erin K. Douglas, Secretary for Colahan Enterprises, notified the Department that the additional points of appropriation authorized under T-11214 for Certificate 64775 would not be completed and requested that the additional points of appropriation revert back from the new wells (Wells 2, 3, and 4) to Well No. 1, the point of appropriation that was authorized under Certificate 64775 prior to T-11214.
- 7. Pursuant to OAR 690-380-6010(6), the point of appropriation shall revert to the last authorized point of appropriation for that portion of the transfer not completed.

Conclusion of Law

The request to revert the right described by Certificate 64775 back to the last authorized point of appropriation is consistent with the requirements of OAR 690-380-6010(6).

Now, therefore, it is ORDERED:

- 1. The additional points of appropriation (Wells 2, 3, and 4) for Certificate 64775 authorized by Transfer Application T-11214 are reverted to Well No. 1, the point of appropriation that was authorized under Certificate 82230 prior to the transfer.
- 2. A superseding certificate for Certificate 64775 shall be issued to confirm the water right.

Dated at Salem, Oregon this day of October, 2014.

Dwight French

Water Right Services Division Administrator, for

Thomas M. Byler, Director

Oregon Water Resources Department

Mailing date: 0CT 10 2014

BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application T-11214, Lake County)	FINAL ORDER APPROVING ADDITIONAL POINTS OF APPROPRIATION	L
		Zell	

Authority

ORS 537,705 and 540,505 to 540,580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. OAR Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant

COLAHAN ENTERPRISES PO BOX 300 PAISLEY, OR 97636

Findings of Fact

Background

- On March 21, 2011, COLAHAN ENTERPRISES filed an application for additional points of appropriation under Certificate 64775 and 82230. The Department assigned the application number T-11214.
- The first right to be transferred is as follows:

Certificate:

64775 in the name of ROSS H. AND DORRIS COLAHAN (perfected under

Permit G-9765)

Use:

SUPPLEMENTAL IRRIGATION of 319.4 ACRES

Priority Date: APRIL 9, 1982

Rate:

2.9 CUBIC FEET PER SECOND

The amount of water used for irrigation, together with the amount secured Limit/Duty:

> under any other right existing for the same lands, shall be limited to a diversion of ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated, and shall be further limited to a diversion

This final order is subject to judicial review by the Court of Appeals under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482(1). Pursuant to ORS 536.075 and OAR 137-003-0675, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

of not to exceed 3.0 acre-feet per acre for each acre irrigated during the

irrigation season of each year.

Source:

A WELL within the CHEWAUCAN RIVER BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1: 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

Authorized Place of Use:

	SUPPLEM	ENTAL	IRRIC	GATION					
Twp	Rng	Mer	Sec	Q-Q	Acres				
33 S	18 E	WM	23	NE NE	41.6				
33 S	18 E	WM	23	NW NE	41.4				
33 S	18 E	WM	23	SW NE	38.8				
33 S	18 E	WM	23	SE NE	41.1				
33 S	18 E	WM	23	SE NW	39.6				
33 S	18 E	WM	23	NESW	19.9				
33 S	18 E	WM	23	NW SW	6.3				
33 S	18 E	WM	23	NE SE	8.7				
33 S	18 E	WM	24	NE NW	1.2				
33 S	18 E	WM	24	NWNW	40.6				
33 S ·	18 E	WM	24	SWNW	38.6				
33 S	18 E	WM	24	SE NW	1.4				
33 S	18 E	WM	24	NW SW	0.2				
	TOTAL								

The second right to be transferred is as follows:

Certificate:

82230 in the name of ROSS A. COLAHAN (perfected under Permit

G-10059)

Use:

SUPPLEMENTAL IRRIGATION of 80.6 ACRES

Priority Date: APRIL 19, 1983

Rate:

1.01 CUBIC FEET PER SECOND

Limit/Duty:

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each

year.

Source:

A WELL within the CHEWAUCAN RIVER BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1: 1500 FEET NORTH AND 1200 FEET EAST FROM THE SW CORNER OF SECTION 23

Authorized Place of Use:

	SUPPLEM	IENTAL	IRRIC	GATION	
Twp	Rng	Mer	Sec	Q-Q	Acres
33 S	18 E	WM	14	SE SE	36.4
33 S	18 E	WM	23	NENW	42.1
33 S	18 E	WM	23	SE NW	2.1
1. 1	T	OTAL		= -" 1 ₁ - 1	80.6

4. Certificates 64775 and 82230 list Well 1 (Lake 1627 and Lake 4448) as the point of appropriation. However, the legal description of the well is described differently in the certificates. Information available from the Certified Water Right Examiner indicates that the location of the point of appropriation (Lake 1627 and Lake 4448) for Certificates 64775 and 82230 is:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 1: 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23

5. Transfer Application T-11214 proposes additional points of appropriation approximately 200 feet north to Well 2, 2950 feet northeast to Well 3, and 6050 feet northeast to Well 4, from the existing point of appropriation to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
33 S	18 E	WM	23	NW SW	WELL 2: 1853 FEET NORTH AND 112 FEET WEST FROM
					THE WEST 1/16 CORNER OF SECTIONS 23 AND 26
33 S	18 E	WM	23	SW NE	WELL 3: 2987 FEET NORTH AND 2574 FEET EAST FROM
					THE WEST 1/16 CORNER OF SECTIONS 23 AND 26
33 S	18 E	WM	14	SE SE	WELL 4: 3682 FEET NORTH AND 6426 FEET EAST FROM
	9				THE WEST 1/16 CORNER OF SECTIONS 23 AND 26

- 6. Notice of the application for transfer was published on March 29, 2011, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
- 7. On June 24, 2011, the Department mailed a copy of the draft Preliminary Determination proposing to approve Transfer Application T-11214 to the applicant. The draft Preliminary Determination cover letter set forth a deadline of July 24, 2011, for the applicant to respond. The applicant requested that the Department proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.
- 8. On October 17, 2011, the applicant agreed to Condition #7 concerning the construction of Well 2.
- 9. On November 2, 2011, the Department issued a Preliminary Determination proposing to approve Transfer Application T-11214 and mailed a copy to the applicant. Additionally, notice of the Preliminary Determination for the transfer application was published on the Department's weekly notice on November 8, 2011, and in the Lake County Examiner

newspaper on November 23 and 30, and December 7, 2011, pursuant to ORS 540.520 and OAR 690-380-4020. No protests were filed in response to the notices.

Transfer Review Criteria (OAR 690-380-4010)

- 10. Water has been used within the last five years according to the terms and conditions of the rights. There is no information in the record that would demonstrate that the rights are subject to forfeiture under ORS 540.610.
- 11. A pump, pipeline, and sprinkler system sufficient to use the full amount of water allowed under the existing rights were present within the five-year period prior to submittal of Transfer Application T-11214.
- 12. The proposed change would not result in enlargement of the rights.
- 13. The proposed change would not result in injury to other water rights.
- 14. Well 1 (LAKE 1627 and LAKE 4448), Well 3 (LAKE 1626 and LAKE 1628), Well 4 (LAKE 1625), and proposed Well 2 obtain groundwater from basin fill sediments which contain some basalt. Reports for the basin indicate groundwater in both the basin fill and basalt units is likely hydraulically connected, making a single groundwater system occurring in geologic units with different permeability. A higher permeability and transmissivity generally occurs in the basalt and a lower permeability and transmissivity generally occurs in the in the basin fill. Well 2 is proposed to be drilled approximately 200 feet from Well 1. To be consistent with Well 1, proposed Well 2 must be constructed to obtain groundwater from the predominantly basin fill unit.

Conclusions of Law

The additional points of appropriation proposed in Transfer Application T-11214, as conditioned by Finding of Fact # 14, are consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000.

Now, therefore, it is ORDERED:

- 1. The additional points of appropriation proposed in application T-11214 are approved.
- 2. The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 64775 and 82230 and any related decree.
- 3. Water right certificates 64775 and 82230 are cancelled.
- 4. The quantity of water diverted at the additional points of appropriation, together with that diverted at the original point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.

- 5. Water use measurement conditions:
 - a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device, at each point of appropriation.
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
- 6. Water shall be acquired from the same aquifer (water source) as the original point of appropriation.
- 7. Well 2 must be constructed to obtain groundwater from the predominantly basin fill unit that overlies the predominantly basalt unit.
- 8. The approved change shall be completed and full beneficial use of the water shall be made on or before **October 1, 2013**. A Claim of Beneficial Use prepared by a Certified Water Right Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the change and full beneficial use of the water.
- 9. When satisfactory proof of the completed change is received, new certificates confirming the rights transferred will be issued.

Dated at Salem, Oregon this day of January 2015.
Dwight French, Water Right Services Administrator, for PHILLIP C. WARD, DIRECTOR
Mailing date:

64775

STATE OF OREGON

COUNTY OF LAKE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

ROSS H. AND DORIS COLAHAN P.O. BOX 89 PAISLEY, OREGON 97636

confirms the right to use the waters of A WELL in the CHEWAUCAN RIVER BASIN for the purpose of SUPPLEMENTAL IRRIGATION OF 319.4 ACRES.

The right has been perfected under Permit G-9765. The date of priority is APRIL 9, 1982. The right is limited to not more than 2.9 CUBIC FEET PER SECOND or its equivalent in case of rotation, measured at the well.

The well is located as follows:

NW 1/4 SW 1/4, SECTION 23, T 33 S, R 18 E, W.M.; 1680 FEET NORTH AND 1240 FEET EAST FROM THE SW CORNER OF SECTION 23.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

The right shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein.

The right shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right, and to which such right is appurtenant, is as follows:

NE 1/4 NE 1/4 41.6 ACRES NW 1/4 NE 1/4 41.4 ACRES 38.8 ACRES SW 1/4 NE 1/4 SE 1/4 NE 1/4 41.1 ACRES SE 1/4 NW 1/4 39.6 ACRES 19.9 ACRES NE 1/4 SW 1/4 6.3 ACRES NW 1/4 SW 1/4 8.7 ACRES NE 1/4 SE 1/4 SECTION 23

TOWNSHIP 33 SOUTH, RANGE 18 EAST, W.M.

SEE NEXT PAGE

NE 1/4 NW 1/4 1.2 ACRES
NW 1/4 NW 1/4 40.6 ACRES
SW 1/4 NW 1/4 38.6 ACRES
SE 1/4 NW 1/4 1.4 ACRES
NW 1/4 SW 1/4 0.2 ACRE
SECTION 24
TOWNSHIP 33 SOUTH, RANGE 18 EAST, W.M.

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

WITNESS the signature of the Water Resources Director, affixed this date SEPTEMBER 28, 1990.

/s/ WILLIAM H. YOUNG

Water Resources Director

Recorded in State Record of Water Right Certificates numbered 64775.

G-10683.JW

STATE OF OREGON

COUNTY OF LAKE

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

ROSS A COLAHAN PO BOX 89 PAISLEY OR 97636

confirms the right to use the waters of A WELL in the Goose & Summer Lake Basin for SUPPLEMENTAL IRRIGATION of 80.6 ACRES.

This right was perfected under Permit G-10059. The date of priority is APRIL 19, 1983. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 1.01 CUBIC FEET PER SECOND or its equivalent in case of rotation, measured at the well.

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	DLC	Survey Coordinates
33 S	18 E	WM	23	NW SW		7	1500 FEET NORTH & 1200 FEET EAST FROM
							SW CORNER, SECTION 23

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year. The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

A description of the place of use to which this right is appurtenant is as follows:

SUPPLEMENTAL IRRIGATION							
Twp	Rng	Mer	Sec	Q-Q	GLot	DLC	Acres
33 S	18 E	WM	14	SE SE			36.4
33 S	18 E	WM	23	NENW			42.1
33 S	18 E	WM	23	SENW		2	2.1

The well shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate at any time before it has issued, and after the time has expired for the completion of the appropriation under the permit, or within three months after issuance of the certificate.

The works shall include an airline and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The water user shall maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

WITNESS the signature of the Water Resources Director, affixed _

SEP 0 8 2006

Phillip C. Ward, Director Water Resources Department



W. Total	WRD E	Oregon Water Resource 725 Summer Street NE, Salem, Oregon 97301-12 (503) 986-0900 www.wrd.state.or.us	Suite A	Ground Water Water Right Permit Amer GR Modification	ndment
App	lication: T-	11894		Applicant Name:	Colahan Enterprises
Prop	osed Chang	ges: POA USE	⊠ APOA □ POU	☐ SW→GW ☐ OTHER	RA
Revi	iewer(s):	Gerald H. Grondin		Date of Review:	18 December 2014
trans	sfer may be The water	approved because:			ate whether the proposed espond to the water rights
	The application details suff	ation does not inclu icient to establish th	de water well ne ground wate	reports or a description or body developed or p	on of the well construction proposed to be developed.
	Other				
1.	Basic desci	ription of the change	es proposed in	this transfer:	
				rized POA well (own	ner well #1 = LAKE 1627 ng:
	1. Cert 2. Cert 3. Limi Enterprise It shou 2011. Tl certificate #3 "Little #4 (LAKE permit G- cfs (1302 supplement It shou 2014) filed	ificate 89355 (file of ificate 64775 (file of ited License LL-1. es. Id be noted that that transfer addess. The three wells Hot Well" (LAKE 1625). The two 9765) for supplem gpm) and certificatal irrigation of 80 ld be further noted in 2014. That to	G-10931) for I G-10683) for I 334 for Surp his transfer a d three poin are: owner 1628 origina certificates w ental irrigati icate 82230 0.6 acres at a d that this ap	Ross Colahan (1.01 c Ross Colahan (2.90 c rise Valley Electrification is subsequents of appropriation well #2 (not drilled and LAKE 1626 decre: certificate 647 on of 319.4 acres at (application G-1093 maximum rate of 1.00 collication is subsequent transfer propo-	fs, 80.6 acres). fs, 319.4 acres). cation Corp & Colahan (uent to T-11214 filed in 1 (APOA) wells to two at that time), owner well epening), and owner well 75 (application G-10683, a maximum rate of 2.90 1, permit G-10059) for
	owner wel		S (LIMINI SES	and their by	Z - WHY ZITALLI CACOU
					13

Transfer Application: T-11860

This application includes a cover letter request to "revert" the portion of transfer T-11214 related to certificate 64775 (file G-10683) by reverting the 2.9 cfs related to that certificate back to the original POA well (owner well #1 "Hot Well" = LAKE 1627 original and LAKE 4448 reconditioning)

Then this transfer application proposes to permanently add three points of appropriation (APOA) wells (LAKE 52529 = owner well SVE 2, LAKE 52530 = owner well SVE 1, and LAKE 1628 original, LAKE 1626 deepening = owner well "Little Hot Well") to both certificate 89355 (file G-10931) and certificate 64775 (file G-10683).

All the changes, reversions, and subsequent changes are not entirely clear to this reviewer. This review simply considers the addition of three APOA wells (LAKE 52529 = owner well SVE 2, LAKE 52530 = owner well SVE 1, and LAKE 1628 original, LAKE 1626 deepening = owner well "Little Hot Well") to the original authorized POA well (= LAKE 1627 original and LAKE 4448 reconditioning = owner well #1 "Hot Well") related to both certificate 89355 (file G-10931) and certificate 64775 (file G-10683).

Lastly, the following should be noted:

First, the proposed APOA well LAKE 1628 original, LAKE 1626 deepening (owner well "Little Hot Well") has been the object of much discussion related to other water right reviews, in particular files LL-1450 and LL-1508 for Surprise Valley Electric. Reviews of this well under OAR 690-009 finds any proposed use of the well triggers a potential for substantial interference with the Chewaucan River because the well is less than one-mile from where groundwater intercepts the river and the calculated groundwater interference with the river is greater than 25-percent of the well's pumping rate (the percent is independent of the pumping rate) at the end of 30 days pumping. Consequently for LL-1450, Surprise Valley Electric is required to use wells more than one-mile from where groundwater intercepts the river and at rates that the calculated groundwater interference with the river in the first 365 days is less than one-percent of the natural river flow (80-percent exceedance) for any given month. For LL-1508, use of the well is temporarily allowed for a limited time with the understanding that a solution is found that resolves the potential for substantial interference with the Chewaucan River issue.

Second, there has been much discussion related to allowable pumping rates for wells more than one-mile from where groundwater intercepts the Chewaucan River other water right reviews, in particular file LL-1450 for Surprise Valley Electric. Low pumping rates are needed to avoid triggering a potential for substantial interference with the Chewaucan River.

Transfer Application: T-11860

2.	Will the proposed POA develop the same aquifer (source) as the existing authorized POA? ☑ Yes ☐ No Comments:
	The existing and proposed wells obtain groundwater from basin fill sediments, volcanic sediments which contains some basalt.
	The water well reports (well logs) for the authorized POA well (owner well #1 = LAKE 1627, LAKE 4448) indicates the well is drilled to 983 feet below land surface. It reports basalt from about 2 to 180 feet below land surface, then clay and shale from
	180 to 983 feet below land surface except for a basalt layer from the 775 to 800 foot interval. Hot water (220 degrees F) was encountered at about 720 feet depth. Walker (1963) shows the site on a boundary between sedimentary deposits (QTs) and volcanic and sedimentary rocks (Tvb). QTs is described as lacustrine, fluviatile, and Aeolian
	sedimentary rocks, interstratified tuff, ashy diatomite, and unconsolidated clay, sand, silt, and gravel, mostly in pluvial basins that correlates to water laid volcanic deposits of Wells and Peck (1961). Tvb is described as volcanic and sedimentary rocks and
	The proposed APOA well LAKE 52530 (owner well SVE 1) is about 390 feet northeast of the authorized POA well. It was drilled to 1360 feet depth. The lithology
	is similar to the authorized POA well in that it is predominantly sediments (mostly volcanic) with occasional basalt interbeds. Walker (1963) shows the site on a boundary between sedimentary deposits (QTs) and volcanic and sedimentary rocks (Tvb). QTs is described as lacustrine, fluviatile, and Aeolian sedimentary rocks, interstratified tuff,
	ashy diatomite, and unconsolidated clay, sand, silt, and gravel, mostly in pluvial basins that correlates to water laid volcanic deposits of Wells and Peck (1961). Tvb is described as volcanic and sedimentary rocks and basalt flows.
	The proposed APOA well LAKE 52529 (owner well SVE 2) is about 2,410 feet northeast of the authorized POA well. It was drilled to 1260 feet depth. The lithology is somewhat similar to the authorized POA well. Sediments (mostly volcanic)
	predominate from land surface to 185 feet depth and greater presence of rhyolite, basalt, and andesite rock are reported with less volcanic sediment from 185 feet depth to the well bottom. Walker (1963) shows the surface geology at the site as sedimentary
	deposits (QTs). QTs is described as lacustrine, fluviatile, and Aeolian sedimentary rocks, interstratified tuff, ashy diatomite, and unconsolidated clay, sand, silt, and gravel, mostly in pluvial basins that correlates to water laid volcanic deposits of Wells
	and Peck (1961). Tvb is described as volcanic and sedimentary rocks and basalt flows. It appears to occur below the QTs at this site and may have been encountered at this

⊠ No

Yes

The proposed APOA well LAKE 1628 original, LAKE 1626 deepening (owner "Little Hot Well") is about 2,930 feet northeast of the authorized POA well. It was originally drilled to 315 feet depth. The water well reports (well log) for LAKE 1628 (original well) and LAKE 1626 (deepening) indicate predominantly basin fill materials with 62 feet of basalt from 298 to 360 feet depth. Hot water was encountered. The temperature was reported as 104 degrees when the well was originally constructed and 175 degrees after the well was deepened. The Lakeview watermaster reported on 21 October 2013 via e-mail that he video-logged the well and found the well had caved-in at the bottom of the 16 inch casing at 270 feet below land surface. Walker (1963) shows the site in an area mapped as sedimentary deposits (QTs) that are bounded by volcanic and sedimentary rocks (Tvb) to the west and alluvium (Qal) to the east. QTs is described as lacustrine, fluviatile, and Aeolian sedimentary rocks, interstratified tuff, ashy diatomite, and unconsolidated clay, sand, silt, and gravel, mostly in pluvial basins that correlates to water laid volcanic deposits of Wells and Peck (1961). Tvb is described as basalt flows. Qal is described as unconsolidated fluviatile gravel, sand, and silt. In places, it can include talus, fanglomerate, lakebed deposits, and windblown sand.

The existing POA well (owner well #1 = LAKE 1627 original and LAKE 4448 reconditioning) appears to obtain groundwater from a predominantly basin fill sediment unit that includes volcanic sediments and some basalt. It should be noted that a predominantly basalt-volcanic rock and sediment unit likely occurs beneath the predominantly basin fill sediment unit. Reports for the Goose and Summer lakes Basin indicate groundwater in both the basin fill and basalt-volcanic units is likely hydraulically connected, making a single groundwater system occurring in geologic units with different permeability. A higher permeability and transmissivity generally occurs in the basalt-volcanic unit and a lower permeability and transmissivity generally occurs in the basin fill unit.

a) Is there more than one source developed under the right (e.g., basalt and alluvium)?

The proposed APOA well LAKE 52530 appears to obtain groundwater from a predominantly basin fill sediment unit that includes volcanic sediments and some basalt.

The proposed APOA well LAKE 1628 original, LAKE 1626 deepening (owner "Little Hot Well") appears to obtain groundwater from a predominantly basin fill sediment unit that includes volcanic sediments and some basalt also.

basin fill	nantly basalt-volcanic rock and sediment unit beneath the predominan sediment unit. Groundwater in this unit is likely hydraulically connected adwater in the predominantly basin fill sediment unit above.
b) If yes, limitation	estimate the portion of the right supplied by each of the sources and describe as that will need to be placed on the proposed change (rate, duty, etc.):
Not a	oplicable. See part 3a above.
in interfe	is proposed change, at its maximum allowed rate of use, likely result in an increrence with another ground water right ? No Comments:
52529 (o 1626 des wells (pa 1627 ori Paisley	sed APOA well LAKE 52530 (owner SVE 1 well), proposed APOA well LAKE wner SVE 2 well), and the proposed APOA well LAKE 1628 original, LAKE pening (owner "Little Hot Well") are closer to Paisley vicinity water right wells owned by the applicant) than the authorized POA well LAKE and LAKE 4448 reconditioning (owner well #1), and they are closer domestic wells also. So, the proposed change could increase the seaso water level drawdown at the Paisley vicinity water right wells and Paisley wells.
another g	would this proposed change, at its maximum allowed rate of use, likely resulgroundwater right not receiving the water to which it is legally entitled? No If yes, explain:
to incre	ncreased drawdown at the closest water right well (LAKE 1625) is calculated as a less than 1.1 feet by the end of the irrigation season, assuming continuting at the maximum rate as a worst case scenario. The change at other was at domestic wells which are further away should be less. This change should be less.

Ground Water Review Form

Transfer Application: T-11860

Yes No Comments:					an increa
		d.w.akou ol	overtion of	t about	· 1380 f
The river elevation intercep levation. This is where direct	ts the gr	<u>oundwater el</u>	<u>evation a</u> ication wi	th the	<u>, 4360 1</u> river lik
pegins. This location is downstre	am of the	authorized Po	DA (LAKI	E 1627	original a
AKE 4448 reconditioning = own	er well #1	"Hot Well") a	nd downs	tream o	f the clos
proposed APOA well (LAKE 162	8 original	LAKE 1626 d	eepening :	= owner	"Little I
Well"). The location where dire	ect ground	lwater commu	nication w	<u>vith the</u>	river lik
pegins is about 3,530 feet east of	the author	rized POA and	about 1,3	40 feet	<u>southeas</u>
he closest proposed APOA. Ha	ving a po	int of appropr	iation clos	ser to th	<u>ie river v</u>
ikely increase the interference wi					
* A1					
£0					
9					
		1			
b) If yes, at its maximum allowed nterference with any surface wate Stream: Chewaucan River	r sources	resulting from t Minimal Minimal	he propose	d chang	e? Signifi Signifi
Stream:	Ш	Williamai		ш	Siginii
	cant impac	ot•			
Provide context for minimal/signifi	can impac	ot			
Provide context for minimal/signifi		- N			
If all the pumping were to ship	ft from th	e original POA	to the pr	opose A	POA clo
If all the pumping were to shirt to the Chewaucan River as a wor	ft from the	e original POA	to the pr	cate the	depletio
If all the pumping were to shirt to the Chewaucan River as a wor	ft from the	e original POA	to the pr	cate the	depletio
If all the pumping were to ship to the Chewaucan River as a wor	ft from the rst case sc id of 30 an	e original POA enario, calcula id 245 days of	to the pr tions indic	cate the s full ma	depletio aximum
If all the pumping were to ship to the Chewaucan River as a wor the river would increase at the en pumping (3.91 cfs or 1,755 gp	ft from the rst case sc ad of 30 and om) about	e original POA enario, calcula nd 245 days of t 0.087 cfs (3	to the protions indicated to the protions indicated to the protection of the protect	cate the s full mand nd 0.05	depletio aximum 0 (22 g
If all the pumping were to ship to the Chewaucan River as a worther river would increase at the en pumping (3.91 cfs or 1,755 gp respectively as a worst case scen	ft from the rst case sc nd of 30 an om) about pario. The	e original POA enario, calcula nd 245 days of t 0.087 cfs (3 e natural river	to the protein tions indicate the continuous of gpm) a flow (80	cate the s full mand nd 0.05 percent	depletion aximum 0 (22 greated and a exceedant
If all the pumping were to ship to the Chewaucan River as a worther river would increase at the en- pumping (3.91 cfs or 1,755 gp respectively as a worst case scenduring the irrigation season ran	ft from the rst case sc nd of 30 an om) about pario. The	e original POA enario, calcula nd 245 days of t 0.087 cfs (3 e natural river	to the protein tions indicate the continuous of gpm) a flow (80	cate the s full mand nd 0.05 percent	depletion aximum 0 (22 greated and a exceedant
If all the pumping were to ship to the Chewaucan River as a worther river would increase at the en pumping (3.91 cfs or 1,755 gp respectively as a worst case scen	ft from the rst case sc nd of 30 an om) about pario. The	e original POA enario, calcula nd 245 days of t 0.087 cfs (3 e natural river	to the protein tions indicated to the protein to th	cate the s full mand nd 0.05 percent	depletion aximum 0 (22 greated and a exceedant
If all the pumping were to ship to the Chewaucan River as a worther river would increase at the en- pumping (3.91 cfs or 1,755 gp respectively as a worst case scenduring the irrigation season ran	ft from the rst case sc nd of 30 an om) about pario. The	e original POA enario, calcula nd 245 days of t 0.087 cfs (3 e natural river	to the protein tions indicated to the protein to th	cate the s full mand nd 0.05 percent	depletio aximum 0 (22 g exceeda
If all the pumping were to ship to the Chewaucan River as a worther river would increase at the en- pumping (3.91 cfs or 1,755 gp respectively as a worst case scenduring the irrigation season ran	ft from the rst case sc nd of 30 an om) about pario. The	e original POA enario, calcula nd 245 days of t 0.087 cfs (3 e natural river	to the protein tions indicated to the protein to th	cate the s full mand nd 0.05 percent	depletion aximum 0 (22 greated and a exceedant
If all the pumping were to ship to the Chewaucan River as a worther river would increase at the en- pumping (3.91 cfs or 1,755 gp respectively as a worst case scenduring the irrigation season ran	ft from the rst case sc nd of 30 an om) about pario. The	e original POA enario, calcula nd 245 days of t 0.087 cfs (3 e natural river	to the protein tions indicated to the protein to th	cate the s full mand nd 0.05 percent	depletio aximum 0 (22 g exceeda

Transfer Application: T-11860

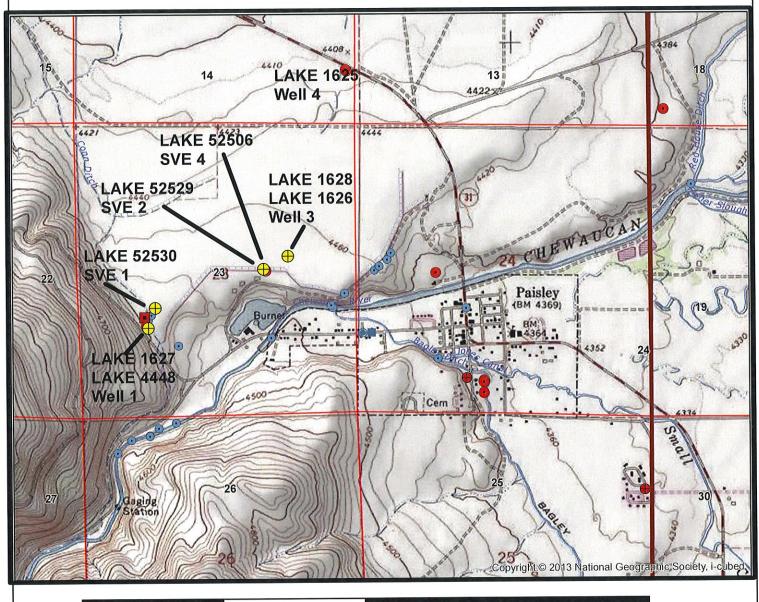
Ground Water Review Form

5.	What conditions or other changes in the application are necessary to address any potential issues identified above:
	The following conditions are recommended if the transfer is approved:
-	Condition 7P (well tag condition) applied to all the POA wells.
_	Condition 7T (measurement tube) applied to all the POA wells.
	"Large" condition (totalizing flow meter and reporting) applied to all POA wells.
	"Large" condition (totalizing flow meter and reporting) applied to the mainline conveyance(s) to the POU acres and to the mainline conveyance(s) to the geothermal operation.
)	Special Well Reconstruction Condition: The proposed APOA well LAKE 1628 original, LAKE 1626 deepening (owner "Little Hot Well") shall be reconstructed to meet current well construction standards prior to use. The well reconstruction shall be approved by both Department Well Enforcement Section staff located at Department headquarters and Department Groundwater Section hydrogeologist staff located at Department headquarters.
7.	Any additional comments:

The proposed APOA well LAKE 1628 original, LAKE 1626 deepening (owner well "Little Hot Well") has been the object of much discussion related to other water right reviews, in particular files LL-1450 and LL-1508 for Surprise Valley Electric. Reviews of this well under OAR 690-009 finds any proposed use of the well triggers a potential for substantial interference with the Chewaucan River because the well is less than one-mile from where groundwater intercepts the river and the calculated groundwater interference with the river is greater than 25-percent of the well's pumping rate (the percent is independent of the pumping rate) at the end of 30 days pumping. Consequently for LL-1450, Surprise Valley Electric is required to use wells more than one-mile from where groundwater intercepts the river and at rates that the calculated groundwater interference with the river in the first 365 days is less than one-percent of the natural river flow (80-percent exceedance) for any given month. For LL-1508, use of the well is temporarily allowed for a limited time with the understanding that a solution is found that resolves the potential for substantial interference with the Chewaucan River issue.

z L

Groundwater Transfer Application T-11894 Colahan Enterprises



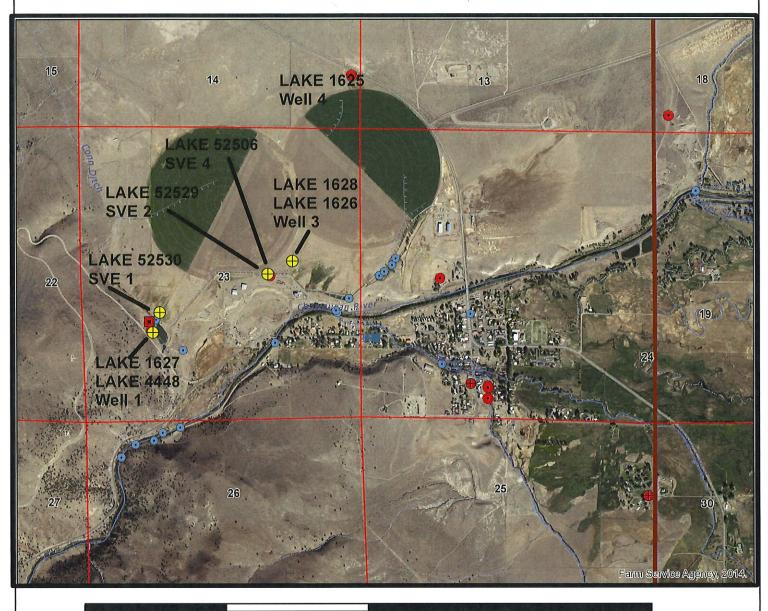
0 0.5 1 2 Miles

Yellow = Application Noted Well(s)
Red = Other Existing or Proposed Wells

Blue and Other = surface water rights



Groundwater Transfer Application T-11894 Colahan Enterprises





Yellow = Application Noted Well(s) Red = Other Existing or Proposed Wells

Blue and Other = surface water rights



	ELL REPORT - Per WW &	33	1/2	
WATER RESOURCES DEPARTMENT OF SA 1980 STATE OF	F OREGON 11182 State Well No	4C.	5/181	5-2306
SALEM, OREGON 97310 UC 24 7000 (Please type	be or print)		15-	01/5
of well completion WATER RESCURCES (D) Felt write a	above this line) State Permit	No	9	7.165
(1) OWNER:	(10) LOCATION OF WELL:)
Name Posis Colahan (M) 160	County Les Driller's well r	har	· ** 44	
Address But 89 Puisley One.	Mul 4 Sw/4 Section 23 T. 355			
91636				W.M.
(2) TYPE OF WORK (check)!	Bearing and distance from section or subdivis	sion corne	er	- 4 ,
New Well Deepening Reconditioning Abandon If abandonment, describe material and procedure in Item 12.	127 23	- h		<u>:</u>
	(11) WATER LEVEL: Completed v		×250	
Retary To Driven D	Depth at which water was first found 60 q		T 178	ft.
Jetted Domestic Industrial Municipal	Static level /27 ft. below land			
Bored Irrigation Test Well Other	Artesian pressure lbs. per squa			
(5) CASING INSTALLED: Threaded Welded	and por squa	16 11101	Date	
Threaded Welded Threaded Threa	(12) WELL LOG: Diameter of well	below ca	sing 15	k to Ko
"Diam. from ft. to ft. Gage ft	Depth drilled 983 ft. Depth of comp.			- Company Company
"Diam. fromft. toft. Gage	Formation: Describe color, texture grain size	and atmus	otuno es u	
	and show thickness and nature of each stratu	um and a	nanifam	
(6) PERFORATIONS: Perforated? Yes Pro.	with at least one entry for each change of forma position of Static Water Level and indicate prin	ation Dan	naut	
Type of perforator used	MATERIAL	1	1	
Size of perforations in. by in.	a 7.0	From	То	SWL
perforations from the to	A D N ST A R	0	1200	
perforations fromft. toft.	Booken Havel & Bon. Ob.		108	
perforations from	170 WALL AREA	108	18/	
(7) CODERIG	a de la como de la com	181	210	
(7) SCREENS: Well screen installed? Yes No	Rose Al. O.	210	251	-
Manufacturer's Name	20 000	251	286	
Type Model No.	weed head alile	286	200	
Diam. Slot size Set from ft. to ft.	Just Level Theor Black Ah	201	271	
Diam Slot size Set from ft. to ft.	Brown shel	291	330	
(8) WELL TESTS: Drawdown is amount water level is	Green Brown shale	770	720	
lowered below static level	720 Hot water	44.		
a pump test made? Yes No If yes by whom?	shale	120	775	
Yield: gal./min. with ft. drawdown after hrs.	- Hard Brack	775	-	4
II	Hand shale	800	983	
" " " " " " " " " " " " " " " " " " " "	1			
test 800 gal./min. with ft. drawdown after / hrs.				
Arresian flow g.p.m.		\longrightarrow		
Temperature of water 220 Depth artesian flow encountered ft.		<u></u>		
		ed Del a		1986
(9) CONSTRUCTION:		00 2:	2	1980
Well seal—Material used	Drilling Machine Operator's Certification:			
Well sealed from land surface toft.	This well was constructed under my	dinant	superv	vision.
Diameter of well bore to bottom of seal 7.0 in.	Materials used and information reported best knowledge and belief.	above a	re true	to my
Diameter of well bore below seal 13 7 7 16 15 16 15 983	[Signed] Ston L Alleman	Date C	L.X.2:	S-2-)
Number of sacks of cement used in well seal 28 sacks	(Drilling Machine Operator)			J19.Kh.
How was cement grout placed?	Drilling Machine Operator's License No	130	2	
And the second s	Water Well Contractor's Certification:			
The state of the s				
Was a drive shoe used? Yes No Plugs Size: location ft.	This well was drilled under my jurisdic true to the best of my knowledge and beli	ction and	1 this re	port is
was a drive shoe used? Yes W No Plugs Size: location	Name Light Clary	eı.		
Type of water?	(Person, firm or corporation)	(Тур	pe or print)	z)
	Address M. Box 499 Hille	3 -6-1	118,9	7/33
Method of sealing strata off	[Signed] Jula Oloma	/	Nedanse.	
Was well graver packed? LI Yes Mo Size of gravel:	[Signed] (Water Well Contra	ontor)	***************************************	
Gravel please from	Contractor's License No. 690 Date 6			- 00
(USE ADDITIONAL SHE	EETS IF NECESSARY)	w.f	SP	45656-119
A COUNTY TO VICE TO THE PARTY OF THE PARTY O	d Table conduct. 177.	20000000		10000-110

NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 9731 within 30 days from the date of well completion.

WATER WELL REPRECE IVED STATE OF OREGON (Please type or print) (Do not write above this line) (Do not write above this line)

(1) OWNER:	(10) LOCATION OF WELL: Recondition
Name Ross Colahan	County Driller's well number
Address Box 89 Pars 184 me	5 E 14 5 W 14 Section Z 3 T. 33 S R. 18 E W.M.
	Bearing and distance from section or subdivision corner
(2) TYPE OF WORK (check):	Bearing and diseases from section of subdivision contex
New Well ☐ Deepening ☐ Reconditioning ☒ Abandon ☐	
If abandonment, describe material and procedure in Item 12.	(11) WAMED I EVEL. Completed well
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed well. Depth at which water was first found 170 ft.
Potenty D Dulyon D	
Cable J Jetted Domestic Industrial Municipal	Static level 145 ft. below land surface. Date 9-32-81
Bored Irrigation Test Well Other	Artesian pressure lbs. per square inch. Date
(5) CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well below casing N/A
None Tom ft. to ft. Gage	
	Depth drilled # ft. Depth of completed well 770 ft.
ft. to ft. Gage	Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated,
(a) Type on a myory	with at least one entry for each change of formation. Report each change in
(6) PERFORATIONS: Perforated? X Yes No.	position of Static Water Level and indicate principal water-bearing strata.
Type of perforator used FACTONY 1/8" X 4"	MATERIAL From To SWL
Size of perforations 1/6 in. by 4 in.	Inistalled Liner only
1656 perforations from 476 ft. to 545 ft.	178 1/4" X8" LINEY
18.40 perforations from 6.69 ft. to 7.58 ft.	6 flom 592 70 770'
1584 perforations from 570 ft. to 669 ft.	24' 1375 wall XI2" From
(7) SCREENS: Well screen installed? ☐ Yes M No	6/6 70 640
Manufacturer's Name	+1' TO 6/6 FT 1/4"X
Type	12" Liner
Diam. Slot size Set from ft. to ft.	BOTH 12 E8
Diam. Slot size Set from ft. to ft.	Sho en
	3 hQ Van
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	
Was a pump test made? M Yes □ No If yes, by whom?	
800 gal./min, with & ft. drawdown after 4 hrs.	
" " " "	
the same street to the same stre	
Bailer test gal./min, with ft. drawdown after hrs.	
sian flow N/A g.p.m.	
Temperature of water 212 Depth artesian flow encountered ft.	Work started 17 # 19 8/ Completed 9-29 198/
(9) CONSTRUCTION:	Date well drilling machine moved off of well 9-29 198/
Well seal-Material used NOT DISTURKED	Drilling Machine Operator's Certification:
Well sealed from land surface to ft.	This well was constructed under my direct supervision.
Diameter of well bore to bottom of sealin.	Materials used and information reported above are true to my best knowledge and belief.
Diameter of well bore below seal in.	[Signed] Date 19
Number of sacks of cement used in well seal sacks	[Signed]
Number of sacks of bentonite used in well sealsacks	Drilling Machine Operator's License No
Brand name of bentonite	Water Well Contractor's Certification:
Number of pounds of bentonite per 100 gallons	300
of water lbs./100 gals.	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Was a drive shoe used? 🗌 Yes 🗍 No Plugs Size: location ft.	Name Landowsky Board # BND 221 9815
Did any strata contain unusable water? Yes No	(Person, firm or corporation) (Type or print)
Type of water? depth of strata	Address BOX/89) Paisley gray
Method of sealing strata off	[Signed] I Mass Wellan
Was well gravel packed? ☐ Yes ☐ No Size of gravel:	(Water Well Contractor)
Gravel placed from ft. to ft.	Contractor's License No Date
	, Date

NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be flled with the STATE ENGINEER, SALEM 10, OREGON within 30 days from the date of well completion. WATER WELL REPORT 33/18-23G 7 196 STATE OF OREGON State Permit No. (1) OWNER: (11) WELL TESTS: Drawdown is amount water level is lowered below static level Name Ross Colohan Was a pump test made? M Yes \(\subseteq No \) If yes, by whom? Contractor Address Paisley, Oregon Yield: 150 gal./min. with 83 ft. drawdown after 3 (2) LOCATION OF WELL: Bailer test gal./min. with ft. drawdown after County Lake Driller's well number Artesian flow g.p m. Date SW NE 14 Section 23 T. 33S R. 18 E W.M. Temperature of water 104 Was a chemical analysis made? 🛘 Yes 🐹 No Bearing and distance from section or subdivision corner 1½ miles NW of Paisley. Oregon (12) WELL LOG: Diameter of well below casing8 Depth drilled 315 ft. Depth of completed well 315 Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation. MATERIAL (3) TYPE OF WORK (check): soil zone, gravelly Well 점 Deepening 🛘 Reconditioning [Abandon [7] Loose gravel and sand, med bandonment, describe material and procedure in Item 12. clay&sand, brown 35 volcanic gravel & clay, brn35 (4) PROPOSED USE (check): 92 (5) TYPE OF WELL: gravel, med. seepage of wat 92 94 Domestic 🗌 Industrial 🗎 Municipal 🗎 Rotary Driven Cable K Jetted gravel & clay, brn. 110 Irrigation 🛣 Test Well 🗌 Other Dug □ Bored med. gravel & brn. 110 112 hard-packed sand and clay. (6) CASING INSTALLED: Threaded Welded 118 soft sandy clay, brown 16 "Diam from 0 ft to 270 ft. Gage .. 250 sticky clay & gravel, brn. _____ft. to _____ft. Gage ____ 124 loose gravel, fine waterbe 124 125 boulders & clay, gray 125 (7) PERFORATIONS: sandy clay , brown Perforated? № Yes □ No 176 Type of perforator used Mills fine gravel, waterbearing 176 sticky clay & gravel, gray Size of perforations in. by 4 182 194 1400 perforations from 100 ft. to 240 ft. fine sand, white, waterbe 194 199 perforations from ft. to ft. clay & gravel, brn. 199 220 perforations from ft. to ft. fine sand, wht. & pink, wat 220 sandy clay & gravel, fine 225 225 perforations from ft. to ft. 230 perforations from ft. to med. gravel, waterbearing 230 234 sticky clay, brn. 298 (8) SCREENS: Well screen installed Yes X No basalt rock w/ clay string Manufacturer's Name ers. brown 315 Diam. Slot size Set from ft. to Work started 3/7/64 19 1964 Diam. Slot size Set from Date well drilling machine moved off of well (9) CONSTRUCTION: (13) PUMP: Well seal-Material used in seal __puddled clay Depth of seal ______ft. Was a packer used? ______ Diameter of well bore to bottom of seal22 in. Were any loose strata cemented off? 🗆 Yes 🛣 No Depth Water Well Contractor's Certification: Was a drive shoe used ₩XYes □ No This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Was well gravel packed? Tes No Size of gravel: Gravel placed from ft. to ____ ft. NAME Jack Stooksberry, Jr. (Type or print) Did any strata contain unusable water? 🗆 Yes 🏋 No Address Route 2, Box 47 Lakeview, Ore. Type of water? Denth of strata Method of sealing strate off Drilling Machine Operator's License No.45 (10) WATER LEVELS: Static level 83 ft. below land surface Date 4/3/64 Artesian pressure lbs. per square inch Date

STATE OF OREGON

WATER WELL REPORT

(as required by O	RS 537.765)			1.						
1) OWNER;	am f 6am	Owner's	Well Numb	er:		(9) LOCATION OF WELL b	y legal de	scripti	on:	, "
lame Ross Coloh	an & Son			*************		County Lake Latitude N or S, F	10	ongitude _	For W	ww.
Address P.O. Box		- C - C	reg.	Zip 976	36	Township 338 Nor S, F	Range NF	14	L or w,	VV 1V1.
tity Paisely		State	, r o B ,	Zip F. G		Section SW	_% _NE	_74 Subdin	ision	
2) TYPE OF W	ORK:					Tax Lot Lot	Вюск	_ Subuiv	181011	
	Deepen	Recondition	□ АЬ	andon		Street Address of Well (or nearest address	ess)			
3) DRILL ME	THOD:					THE CONTRACTOR OF THE PARTY OF	DI.			
	Rotary Mud	☐ Cable	Oth	ner	1	(10) STATIC WATER LEV		_ N	lar.	18-87
•						It. Delow land surface				
						Artesian pressurelb.				
4) PROPOSEI	USE:				,	(11) WELL LOG: Ground e	levation unk	nown		``
omestic C	ommunity L	Industrial	Irriga	tion		Material	From	То	WB?	SWL
	Joether	Other					306	329		
') BORE HOL	E CONST	RUCTIO	N:	44.5		Hard Grey Basalt Mild Brown Lava	329	331		
	Depth	of Completed	Well		ft.	Hard Grey Basalt	331	337		
	50 50 - 200 50 50 50	l Standards da	te of approve			Mild Brown Lava	337	339		
HOLE	1 0000 0 0000	SEAL From To	0 60	Amount acks or pour	nds	Broken Lava, W/B	339	3 53	WB-	
Diameter From To	Materiai	From				Hard Basalt	353	360		
306 430	O xxxx	not dist	urbed			White Clays	360	375		
						Brown & Blue Clays	375	430		
						Brown & Blue Clays	430	432		
How was seal placed? M	ethod \square A	□в□о		ΞE		DIOWH & BINE CIAYS	-	-		
Other not d	isturbed									
Backfill placed from	ft to	ft. M	aterial							
Backfill placed from Gravel placed from	ft to	ft. Si								
(6) CASING/L Diameter F	III E IV.	Gauge Stee	l Plastic	Welded T	hreaded					
811 4		.188		X						
Casing:										
-										
Liner:										
Final location of shoe(s))									
) PERFORA		CREENS	:							
			none							
Perforations	0.00		Materia	al						
☐ Screens	Type		Tele/pipe							-
rom To		r Diameter		Casing	Liner					
		-	 	. 🖳						
				. 🖳						1-
				. 📙						
				. 📙		Date started Mar. 9-87	Completed _	Mar.	18-8	7
						(unbonded) Water Well Construc				
(8) WELL TE	STS: Mini	mum testi	ng time i	is 1 hour	~	(unbonded) water well constitute	naliance with	Oregon	well co	nstructi
□ Pump	☐ Bailer	🔀 Air		Flowing Artesia		I constructed this well in constandards. Materials used and inform	tion reported	above a	re true	to my b
14 1 14 1 14 1 14 1 14 1 14 1 14 1 14	umping level	Drill s	tem at	Time		knowledge and belief.	/			
Yield gal/min P	diffing lever	1		1/2 hr		1 1/271 Mes	7	Date	Mar	. 22-
50		415		1 hr	10	Signed Jan				
						(bonded) Water Well Constructo	r Certificatio	n:		
						I accept responsibility for cons	struction of th	is well a	nd its	complian
Townsesture of water	175	* Depth	Artesian Flo	w Found		with all Oregon water well standard	is. This repor	t is true	to the	pest of
Temperature of water Was a water analysis d			~~			knowledge and belief.	1 0	, .		_
Did any strata contain	water not suits			Γοο little		Signed was the	aken	Date_	1-9-8	/
Salty Muddy	Odor []	Colored C	other no				1.91 0	34	7	
	_ 500, _					Company Orvail Buckner W	ierr narr	69.36h	Ng.nc	
Depth of strata:					-					0-0-0.000000000000000000000000000000000

							4				
(1) LAND OW				Well Nu	mber_SVI	4a	(9) LOCATION O				
Name Colal			4				County_LAKE	Latitude	105		
Address P.O.			500 A		7:- 0	17636	Township 333	N or S Range	186	(B) or W.	WM.
	<u>lu</u>		State O	_	Zip	11636		1/4_			
(2) TYPE OF	WORK	[] Alle			\	ndonmant		Lot Bloc			
MINEW WEIL	Deepeni	ng LI Alici	auon (repair	reconditi	ion) LI Abii	noonment	Street Address of V	Vell (or nearest address SE COLNES OF) _ a.665 ft	N & 1,70	25 th W
(3) DRILL MI									SECHOR	0.3	=
☐ Rotary Air ☐		Mud LC	able LA	uger			(10) STATIC WATI			Date	
(4) PROPOSE								lb. per	square inch		
Domestic			ustrial 🗆	Irrigatio	n		(11) WATER BEAT	The second secon			
Thermal											
(5) BORE HO	LE CO	NSTRUC'	TION:			1010	Depth at which water	vas first found			
Special Construc	tion appr	oval 🗆 Yes	☐ No Dep	th of Co	mpleted We	11 1900 U	From	To	Estimated l	low Rate	SWL
Explosives used	☐ Yes ☐	No Type	SEAL	Ar	nount						
HOLE Diameter From	То	Material		Тъ	Sacks or po	ands.				J	
Diameter From	L"	(ATHIEF) IN			Sacas or po						
_ 0	1360		0	495			 				\vdash
			+								
How was seal pla	ced:	Mathod		B 🗆	C DD	OE	(12) WELL LOG:				
Other		Method	<u> </u>				Grou	ind Elevation			
Backfill placed fr		ft. to	ft.	Materia	u		Mate	riat	From	То	SWL
Gravel placed fro				Size of	gravel						
(6) CASING/L											
Diameter	From	To Ga				Thrended					-
Casing:	+						See attach	ed			
133/8/1	0										
10 18	1					<u> </u>				 	-
Liner:				Ö	5	ä	l				
Dail					_	ā					
Drive Shoe used							l				
Final location of											
(7) PERFORA		SCREEN Method									
Screens		Туре		[VIII]	eriai						
	Slot			Tele/plp)e						
From To	size	Number	Diameter	alze	Casing	Liner					
				-	_ 0		1				
		1								-	-
	-						Date started	Com	pleted		
(8) WELL TES	513: M	ınımum te	esting time	e is I h	our Flow	ing		Com	· · · · · · · · · · · · · · · · · · ·		
☐ Pump	☐ Ba		☐ Air		☐ Artes		ł				
Yield gal/mla	Drav	wdown	Drill ste	m at		time	SOURCE O	F DATA/IN	FO		
	-					hr.					
~ 9,000	-						File 7	-11860			
								L-1450			
Temperature of w	ater	D	epth Artesia	n Flow	Found						
Was a water analy			By whom				COMPILED	BY Gard	1 Grant	` .	
Did any strata con						o little	MACAINI ILL.L		Grounde		b'na
Salty Mu	75		Colored	□ Other				QWIND.	TI DI VAIN	MIN SEC	11011
Depth of strata:							DATE	88 7.11	4 a014		

LITHOGRAPHIC DESCRIPTION OF OIL OR GAS WELL

(Not required if a mud log is submitted)

STATE OF OREGON • DEPT OF GEOLOGY & MINERAL INDUSTRIES • 229 BROADALBIN ST SW • ALBANY OR 97321

(In compliance with rules and regulations pursuant to ORS 520.)

1) Permittee Information							
Name	Surprise Valley Electrification Corp.						
Mailing Address	516 US Hwy 395 E.						
City/State/Zip	Alturas, CA 96101						
Telephone	530.233.3511						
Fax	530.233.2190						
Email	lynnsvec@frontier.com						
Prepared by	Lynn Culp, Kyle Makovsky, Roy Mink, Silvio						

z) well informa	ition	
Well No.	SVE #2	
DOGAMI ID No.	36-037-90027 Lake 1628	

General Manager

5/29/2012

Signature

Title

Date

Dept	th	Description
From	То	
0	40	Brown clay soil and gravelly sand
40	60	Light brown ash fragments, reddish rhyolite, black basalt, minor calcite/quartz
60	80	Light brown/grey ash, red rhyolite, black basalt, cinders, rounded grains, black and red cuttings magnetic
80	105	Light grey/brown ash, red rhyolite, black basalt, rounded grains, chert and obsidian magnetic
105	125	Light grey/brown ash, red rhyolite, black basalt, rounded grains, purple, orange alteration, green stone
125	155	Grey/brown ash, red rhyolite, black basalt, rounded grains, black and grey chips magnetic, light tan pumice fragment
155	185	Grey/brown ash, red rhyolite, black basalt, magnetic, white/grey pumice green stone, minor alteration stains
185	210	Grey/brown rhyolite, red rhyolite with alteration, black basalt, white/grey pumice
210	245	Grey/brown rhyolite, red rhyolite, black basalt, light brown pumice
245	300	Grey/brown rhyolite, red and brown rhyolite, black basalt, pumice, rounded grains
300	340	Brown/grey rhyolite, rounded w/ some alteration, light grey tuff, black basalt/rhyolite; light grey tuff, feldspar chips
340	360	Grey/light brown rhyolite, dark grey/black rhyolite, light red/yellow altered rhyolite, some chips rounded
360	410	Grey/brown rhyolite, dark grey/black basalt, light red/yellow altered rhyolite, grey/white pumice, rounded pebbles
410	420	Black basalt, light brown rhyolite, some alteration
425	430	no data - no returns
435	460	Black basalt, light brown/grey rhyolite, red altered rhyolite
460	465	Fine sand of light brown/grey rhyolite, black basalt/rhyolite; light brown/red altered rhyolite
465	475	Light brown/grey rhyolite, black basalt/rhyolite, yellow/red altered rhyolite
475	490	Large amount fine sand, smaller cuttings are same as above with white alteration/pumice
490	510	Altered tuff, light grey to reddish brown to dark brown, waxy texture, amorphous silica present
510	530	no data - no returns
530	565	Dark to light gray basalt, andesite, white and green alteration minerals
565	620	Porphyritic basalt and andesite, pink/dark green/white alteration, opaline quartz, amorphous silica, calcite rhombs
620	695	Dark gray, green, purple, and red basalt, amorphous silica, euhedral quartz, and calcite in vesicles
695	710	Porphyritic andesite, opaline quartz
710	790	Gray green and red basalt, altered, fibrous banded white mineral, calcite rhombs, crystalline and opaline quartz
790	800	Olivine rich basalt, little alteration
800	815	Porphyritic andesite and basalt rock, highly altered, clear crystalline quartz, banded alteration
815	845	Amygdaloidal basalt, amygdules are green, white banded, botryoidal texture, calcite grains
845	890	Gray basalt, little to no alteration
890	905	Vesicular/amygdaloidal basalt, high amount of crystalline quartz filling vesicles
905	920	Basalt with pyrite mineralization
920	930	Gray basaltic andesite
930	960	Gray/red/purple basalt, calcite rhombs, some amygdaloidal calcite
960	1010	Dark gray and green basalt, calcite rhombs
1010	1070	Highly altered vesicular/amygdaloidal basalt, pyrite mineralization, dark green/white/pink alteration minerals
	0.10100000	no data - no returns
10/0		
1070	1260 1260	no data - no returns - Total Depth



Application for Well ID Number

RECEIVED BY OWRD

Do not complete if the well already has a Well Identification Number.

NOV 03 2014

SALEM, OR
I. OWNER INFORMATION
Current Owner Name (please print): Suprise Valley Electrification Corp. (SVEC); Attn: Lynn Culp
Mailing Address: 516 US Highway 395 E
City, State, Zip: Alturas, CA, 96101
Mail Well ID Tag to: SAME AS ABOVE In Care Of (C/O)
Name & Address:
City, State, Zip:
II. WELL LOCATION INFORMATION (Please fill out as completely as possible)
Township: 33S (North / South) Range: 18E (East / West) Section: 23
Tax Lot: 1300 County Lake SW 1/4 of the NE 1/4
Tax Lot: 1300 County Lake SW 1/4 of the NE 1/4 GPS Coordinates: already assigned a OWRD well Log number: LAKE 52529 - but does not have ID number
Street Address of Well, City:
If the property had a different street address in the past:
III. GENERAL WELL INFORMATION (Please fill out as completely as possible) Use of Well (domestic, irrigation, commercial, industrial, monitoring): industrial/geothermal & irrigation
Date Well Constructed (or property built): Feb 2012 Total Well Depth: 1260 Casing Diameter: 13 3/8 "
Owner at time the well was constructed (if known): SVEC is well owner - Colahan's own the property
Other Information: Well Name: SVE-2
SUBMITTED BY (please print): Lynn Culp
PHONE: (530) 233-3511 EMAIL &/or FAX: lynnsvec@frontier.com
Send application to: Oregon Water Resources Department 725 Summer St NE, Suite A, Salem, Oregon 97301; or fax to (503) 986-0902. Applications are processed in the order they are received, and Well ID Numbers are mailed within 4-5 business days.

For Official Use Only by the Oregon Water Resources Department:

Received Date:

Well Log Number: LAKE 52529 Well Identification #:

(1) LAND OV					mber _ SVE		(9) LOCATION O	F WELL by legal	description:		
Name Cola								Latitude			
Address P. O City Parsley	Box 3	00	5: D	0	72:- 0	7636		SN or (SRange			WM.
			State U	<u>K</u>	Zip 1	1636		1/4_			
(2) TYPE OF	WORK							LotBloc			
New Well	Deepeni	ng LI Alu	ration (repair	/recondit	ion) LI ADAI	ndonment	Street Address of	Well (or neurest address) 3,050 ft	NELA	70 ft B
(3) DRILL M							The state of the s	w corner of	Section o	3	
☐ Rotary Air	•			5000			(10) STATIC WAT			-	
Other							fi. b			Date	
(4) PROPOSI								lb. per	square inch	Date	
☐ Domestic ☐							(11) WATER BEAT	RING ZONES:			
(5) BORE HO	Injection	Nerrouc	TION.	Other_			Depth at which water	was first found			
Special Constru	ction appr	oval TYe	s No Den	th of Co	mpleted We	111360 n.	From	To	Estimated I	Flore Data	SWL
Explosives used	Yes [No Type		A1	nount		Fien		120tation text	TOW BUBGS	SWE
HOLE			SEAL								
Diameter From	, To .	Materia	l From	Ть	Sacks or po	unds					
	1.04.0		-	000							-
0	1360		0	900							
	++		-				(60) STIPLE 2 0.0				
How was seal pl	aced:	Method		B D	C DD	ΠE	(12) WELL LOG:	and Elevation			
Other							Gio	and Elevation			
Backfill placed		ft. to_	ft.	Materi	a)		Mate	rial	From	To	SWL
Gravel placed fr	om	ft. to	ft.	Size of	gravel						
(6) CASING/											
			nuge Steel	Plastic	Welded 1	Threaded					
Casing:			🗆								
			🗆				See attach	rd_			
13.48	" 0	900									
Liner:					₽						
Drive Shoe used	- I I - side	70.44	D								
Final location of	shoe(s)	Outsi	os 🗆 None								
(7) PERFOR										-	-
☐ Perforation		Method_									
Screens		туре		MI	criai					-	
	Slot			Tele/pl							
From To	size	Number	Diameter	stze I		Liner					
_	+	-		-	_ 0					 	
	 	1			- H					+	\vdash
	+	1			_						-
							Day word		alarad		
(8) WELL TE	STS: M	inimum	testing tim	e is 1 h	our Flow	ina	Date started	Con	pleted		
☐ Pump	☐ Ba	iler	☐ Air		Artes						
Yield gal/min		wdows	Drill ste	m at		lane	SOURCE O	E DATA/IN	IEO		
	T				1	hr.	SOURCE C	The second secon	IFU		
~1,000	1						File T-1				
	1				1_		File LL-1	450			
_					Parad						
Temperature of			Depth Artesia		round						
Was a water ana			es By whor			o little	COMPILED	BY: Geral	d Grandin	<u> </u>	
Did any strata co	ontain wat	CT NOL SUITA	DIE FOR INTEN	CO Coba	r10	A HILLE			Grounder		
Depth of strata:				- Oute							
Deput of strata:							DATE: 22.	July 2014			

LITHOGRAPHIC DESCRIPTION OF OIL OR GAS WELL

(Not required if a mud log is submitted)

STATE OF OREGON • DEPT OF GEOLOGY & MINERAL INDUSTRIES • 229 BROADALBIN ST SW • ALBANY OR 97321

(In compliance with rules and regulations pursuant to ORS 520.)

(1) Permittee Information Surprise Valley Electrification Corp. Mailing Address 516 US Hwy 395 E Alturas, CA 96101 City/State/Zip 530.233.3511 Telephone 530.233.2190 lynnsvec@frontier.com Email Lynn Culp, Silvio Pezzopane, Roy Mink, Prepared by

Kyle Makovsky

(2) Well Information							
Well No.	SVE #1						
DOGAMI ID No.	36-037-90009 Lake 448						

General Manager

5/29/2012

Signature

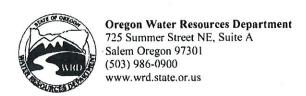
Title

Date

(3) Well Cuttings

Well Cu	pth	Description
From	То	Description
0	40	Brown clay soil and gravelly sand
40	75	Brownish-grey rounded mixed volcanic (basalt, rhyolite, andesite, tuff, pumice) gravel, qtz-rich sand
75	105	Grey quartz-rich sand, with thin brown and grey clay beds, Water Bearing (WB)
105	150	Greyish-brown mixed volcanic gravel, qtz-sand, and clay, WB
150	165	Brown mixed volcanic (basalt, rhyolite, andesite) gravel, rounded sand and clay
165	175	Brown clayey sand and mixed gravels
175	225	Blackish grey basalt gravel, w/ sand and clay beds, WB
225	240	Blackish grey to brown basalt and andesite gravel, and sand
240	305	Varicolored mixed volcanic (basalt, rhyolite, andesite, tuff) gravel and sand, w/ brown clay beds
305	360	Brown gravelly sand and brown clay beds
360	390	Varicolored (grey, brown, black, red, green) basalt, rhyolite, andesite gravel, sand, and brown clay, WB
390	415	Brownish grey and red volcanic gravel, sand, and clay, WB
415	435	Varicolored mixed volcanic gravel (basalt, rhyolite, andesite, tuff), rounded, reddish brown sand and clay
435	490	Varicolored coarse volcanic gravel, rounded, red to brown sand, brown sticky clay beds
490	530	Varicolored volcanic pebble gravel, rounded, w/ sand and reddish brown sticky clay
530	540	White calcite, black and grey basalt andesite, red rhyolite, red and grey tuff w/ brownish red sticky clay
540	575	Red sticky clay ash, vesicular and fiberous pumice clasts, minor sand, grey pebbles
575	640	Red and grey tuffs w/ altered vesicles, minor grey to greenish to black basalt, andesite, rhyolite, WB?
640	675	Red rhyolite tuff and grey andesite w/ altered vesicles, greenish basalt, blades of calcite
675	715	Light grey basalt, reddish brown and green alteration stains, altered vesicles, pyrite, euhedral calcite and quartz
715	715	Light greyish green rhyolite, reddish brown to dark purple basalt?, altered vesicles, pyrite, calcite and quartz
715	795	Dark greenish grey andesite?, dark purplish brown basalt, minor light red and white tuff, rare euhedral quartz
795	870	Dark grey to brown basalt w/ white pumice chunks, rare red and white tuff cinders, rare euhedral quartz
870	905	Dark greenish grey to dark purplish brown basalt, few pumice, rare euhedral and calcite quartz
		Grey to white calcite flakes, possible fracture zone?
905	920	no rock data - lost circulation, samples floated up during trip out
920	950	Brown sticky slick clay ash, large (<2 cm dia.) euhedral calcite chunks, red cinders and pumice, dries hard
950	1000	Purple, grey, and brown lithic tuff, poorly-welded?, soft waxy, sticky ashy clay, small calcite and quartz crystals
1000	1050	Green, grey, and brown andesite, alteration stains, red lithic tuff, cinders?, large euhedral calcite and quartz crystals
1050	1080	Dark greenish grey andesite, reddish purple stains, hard, fine-grained, large euhedral calcite flakes (fractures?)
1080	1100	no data - no returns
1100	1100	Red, grey, white, and brown lithic tuff or volcaniclastic sediment (depth uncertain, samples floated up during cleaning
1100	1120	no data - no returns - lost circulation
1120	1120	Dark greenish grey andesite, reddish purple clay? stains, hard, fine-grained, red lithic tuff w/ euhedral quartz crystals,
		(depth uncertain, sample picked out of the drill collar)
1120	1133	no data - no returns Reddish brown, lithic tuff, poorly-welded?, sticky clay, dries hard, small calcite and quartz crystals (depth uncertain,
1133	1133	sample stuck to the drill bit face)
1133	1235	no data - no returns
1235	1315	Dark greenish grey andesite, red lithic tuff, euhedral quartz crystals, (depth uncertain, sample stuck to the bailer)
1315	1360	no data - no returns
	1360	- Total Depth

REV. 08/05/03



Application for Well ID Number

RECEIVED BY OWRD

Do not complete if the well a	lready has a	Well Identification	Number.
-------------------------------	--------------	---------------------	---------

NOV 03 2014

SALEM, OF
I. OWNER INFORMATION CONTROL (SVEC): Attn: Lynn Culp
Current Owner Name (please print): Suprise Valley Electrification Corp. (SVEC); Attn: Lynn Culp
Mailing Address: 516 US Highway 395 E
City, State, Zip: Alturas, CA, 96101
Mail Well ID Tag to: SAME AS ABOVE In Care Of (C/O)
Name & Address:
City, State, Zip:
II. WELL LOCATION INFORMATION (Please fill out as completely as possible)
Township: 33S (North / South) Range: 18E (East / West) Section: 23 Tax Lot: 1300 County Lake NE 1/4 of the SW 1/4
Tax Lot: 1300 County Lake NE 1/4 of the SW 1/4
GPS Coordinates: already assigned a OWRD well Log number: LAKE 52530 - but does not have ID number
Street Address of Well, City:
If the property had a different street address in the past:
III. GENERAL WELL INFORMATION (Please fill out as completely as possible)
Use of Well (domestic, irrigation, commercial, industrial, monitoring): industrial/geothermal & irrigation
Date Well Constructed (or property built): August 2012 Total Well Depth: 1360 Casing Diameter: 13 3/8 "
Owner at time the well was constructed (if known): SVEC is well owner - Colahan's own the property
Other Information: Well name: SVE-1
SUBMITTED BY (please print). Lynn Culp
PHONE: (530) 233-3511 EMAIL &/or FAX: lynnsvec@frontier.com
Send application to: Oregon Water Resources Department 725 Summer St NE, Suite A, Salem, Oregon 97301; or fax to (503) 986-
0902. Applications are processed in the order they are received, and Well ID Numbers are mailed within 4-5 business days.

For Official Use Only by the Oregon Water Resources Department:

Received Date:

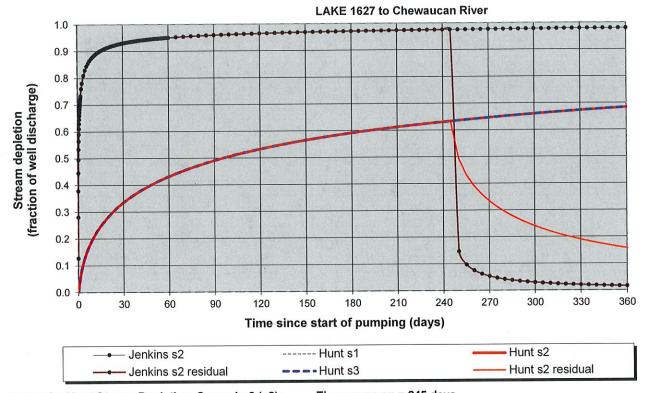
Well Log Number:

LAKE 52530

Well Identification #; L-117043

Theis Equation: \$ = [Ol(4TTp)][V(U)] V(U) = Valida distance (L) F = radial distance (L) F	Drawdown Calcu	Drawdown Calculations Using Theis Equation	s Equation						а				
r = radial distance (L) t = time (T) u = dimensionless W(u) = well function a	Theis Equation:	s = [Q/(4*T*pi)][W] u = (r*r*S)/(4*T*t) $W(u) = (-ln u)-(0.5^{\circ})$	(u)] 772157)+(u/1*1!)-(u*u/2*2!)+(u*u'	."u,a,n,n)-(is,e/n,	4*4!)+							
Charle Time Distance Dist	-	s = drawdown (L) T = transmissivity S = storage coeffic pi = 3.141592654	(L*LT) ∷ient (dimensionl	ess)		r = radial dist t = time (T) u = dimensio W(u) = well fi	ance (L) nless unction						
Company Comp	Transmissivity	Transmissivity	Storage	Pumping Rate	Pumping Rate	Time	Distance	id	п	W(u)	Drawdown	Difference	Comments
Note : W(u) calculation valid when u < 7.1	(#/pub)	T (ff2/dav)	Coefficient	Q (qal/min)	(ft3/sec)	t (days)	r (feet)				(feet)	(feet)	
1625 (Transmissivity from LAKE 1627 specific capacity) 7.0000 1.1545E-04 3.91 30.00 6,050.00 3.14 0.0114 3.9107 3.9198 2.47 30.00 6,050.00 3.14 0.0114 3.9107 3.9198 2.47 30.00 6,050.00 3.14 0.0114 3.9107 2.4756 2.47 245.00 6,050.00 3.14 0.014 6,0008 3.7987 AWell") to LAKE 1625 (Transmissivity from LAKE 1627 specific capacity) 4,9476 1.0278 3.91 245.00 3,610.00 3.14 0.0040 4,9361 1.0278 2.47 30.00 3,610.00 3.14 0.0040 4,9361 1.0342 2.47 245.00 3,610.00 3.14 0.0040 4,9361 0.6532 2.47 245.00 3,610.00 3.14 0.0040 4,9361 0.6532	6.000			2					Note: W(u)	calculation v	alid when u	< 7.1	
1625 (Transmissivity from LAKE 1627 specific capacity) 3.91 30.00 6,050.00 3.14 0.0114 3.9107 3.9198 3.91 245.00 6,050.00 3.14 0.0114 3.9107 3.9198 2.47 30.00 6,050.00 3.14 0.0114 3.9107 2.4756 2.47 245.00 6,050.00 3.14 0.0014 6,0008 3.7987 At Well") to LAKE 1625 (Transmissivity from LAKE 1627 specific capacity) 3.91 30.00 3,610.00 3.14 0.0040 4,9361 1,0278 3.91 245.00 3,610.00 3.14 0.00040 4,9361 7,0491 1,0342 2.47 30.00 3,610.00 3.14 0.0040 4,9361 3,1247 0.6491 2.47 245.00 3,610.00 3.14 0.0005 7,0326 4,4519 0.6532	Note:	: yellow grid areas	are where valu	ses are calculate	pe				7.0000	1.1545E-04			W(u) calculation test
3.9198 6.0148 2.4756 3.7987 4.9476 1.0278 7.0491 1.0342 3.1247 0.6491 4.4519 0.6532	Authorized POA \	Well (LAKE 1627 =	owner well 1 "	Hot Well") to LA		smissivity fr	om LAKE 162	7 specific ca	(bacity)				
6.0148 2.4756 3.7987 4.9476 1.0278 7.0491 1.0342 3.1247 0.6491 4.4519 0.6532	200 630 17	26.820.35	0.00100	1,754.93	3.91	30.00	6,050.00	3.14	0.0114	3.9107	3.9198		Continuous Pumping at Full Rate
2.4756 3.7987 4.9476 1.0278 7.0491 1.0342 3.1247 0.6491 4.4519 0.6532	200,630.17	26,820.35	0.00100	1,754.93	3.91	245.00	6,050.00	3.14	0.0014	6.0008	6.0148		Continuous Pumping at Full Rate
3.7987 4.9476 1.0278 7.0491 1.0342 3.1247 0.6491 4.4519 0.6532	200,630.17	26,820.35	0.00100	1,108.34	2.47	30.00	6,050.00	3.14	0.0114	3.9107	2.4756		Pro-Rated Pumping Rate
4.9476 1.0278 7.0491 1.0342 3.1247 0.6491 4.4519 0.6532	200,630.17	26,820.35	0.00100	1,108.34	2.47	245.00	6,050.00	3.14	0.0014	6.0008	3.7987		Pro-Rated Pumping Kate
26,820.35 0.00100 1,754.93 3.91 30.00 3,610.00 3.14 0.0040 4.9361 4.9476 1.0278 26,820.35 0.00100 1,754.93 3.91 245.00 3,610.00 3.14 0.0005 7.0326 7.0491 1.0342 26,820.35 0.00100 1,108.34 2.47 30.00 3,610.00 3.14 0.0040 4.9361 3.1247 0.6491 26,820.35 0.00100 1,108.34 2.47 245.00 3,610.00 3.14 0.0005 7.0326 4.4519 0.6532	Proposed APOA	Well (LAKE 1628 /	LAKE 1626 = o	wner well "Little	Hot Well") to L	AKE 1625 (Transmissivit	y from LAKE	1627 specif	fic capacity)			
26,820.35 0.00100 1,754.93 3.91 245.00 3,610.00 3.14 0.0005 7.0326 7.0491 1.0342 26,820.35 0.00100 1,108.34 2.47 30.00 3,610.00 3.14 0.0040 4.9361 3.1247 0.6491 26,820.35 0.00100 1,108.34 2.47 245.00 3,610.00 3.14 0.0005 7.0326 4.4519 0.6532	200 630 17	26 820 35	0.00100	1 754 93	3.91	30.00	3.610.00	3.14	0.0040	4.9361	4.9476	1.0278	Continuous Pumping at Full Rate
26,820.35 0.00100 1,108.34 2.47 30.00 3,610.00 3.14 0.0040 4.9361 3.1247 0.6491 26,820.35 0.00100 1,108.34 2.47 245.00 3,610.00 3.14 0.0005 7.0326 4.4519 0.6532	200,630.17	26,820.35	0.00100	1,754.93	3.91	245.00	3,610.00	3.14	0.0005	7.0326	7.0491	1.0342	Continuous Pumping at Full Rate
26,820.35 0.00100 1,108.34 2.47 245.00 3,610.00 3.14 0.0005 7.0326 4.4519 0.6532	200.630.17	26.820.35	0.00100	1,108.34	2.47	30.00	3,610.00	3.14	0.0040	4.9361	3.1247	0.6491	Pro-Rated Pumping Rate
	200,630.17	26,820.35	0.00100	1,108.34	2.47	245.00	3,610.00	3.14	0.0005	7.0326	4.4519	0.6532	Pro-Rated Pumping Rate

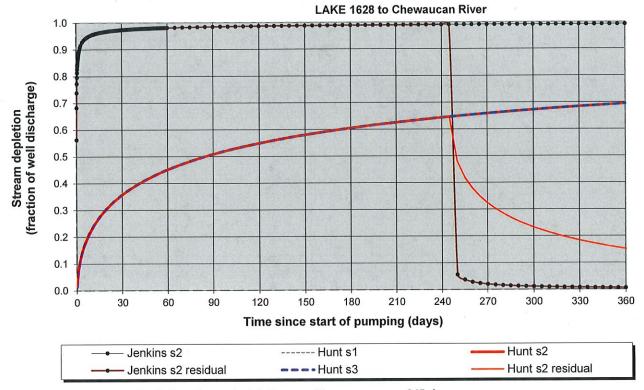
Transient Stream Depletion (Jenkins, 1970; Hunt, 1999)



Output for H	unt Strea	m Deplet	ion, Scer	nerio 2 (s	:2):	Time pur	mp on = 2	245 days				
Davs	30	60	90	120	150	180	210	240	270	300	330	360
Qw, cfs	3.910	3.910	3.910	3.910	3.910	3.910	3.910	3.910	3.910	3.910	3.910	3.910
Jenk SD %	0.930	0.950	0.959	0.965	0.969	0.971	0.973	0.975	0.053	0.030	0.021	0.016
Jen SD cfs	3.636	3.716	3.752	3.773	3.787	3.798	3.806	3.813	0.209	0.116	0.080	0.061
Hunt SD %	0.336	0.432	0.491	0.533	0.565	0.591	0.613	0.631	0.335	0.241	0.190	0.157
Hunt SD cfs	1.312	1.689	1.920	2.084	2.210	2.311	2.395	2.466	1.309	0.941	0.742	0.613

Parameters:		Scenario 1	Scenario 2	Scenario 3	Units
Net steady pumping rate	Qw	3.91	3.91	3.91	cfs
Distance to stream	а	3530	3530	3530	ft
Aquifer hydraulic conductivity	К	26.82035	26.82035	26.82035	ft/day
Aquifer thickness	b	1000	1000	1000	ft
Aguifer transmissivity	T	26820.35	26820.35	26820.35	ft*ft/day
Aquifer storage coefficient	S.	0.001	0.001	0.001	T
Stream width	ws	60	60	60	ft
Streambed hydraulic conductivity	Ks	0.3	0.3	0.3	ft/day
Streambed thickness	bs	20	20	20	ft
Streambed conductance	sbc	0.9	0.9	0.9	ft/day
Stream depletion factor (Jenkins)	sdf	0.464606167	0.464606167	0.464606167	days
Streambed factor (Hunt)	sbf	0.11845483	0.11845483	0.11845483	

Transient Stream Depletion (Jenkins, 1970; Hunt, 1999)



Output for H	unt Strea	m Deplet	tion, Scer	nerio 2 (s	2):	Time pur	mp on = 2	245 days				
Days	30	60	90	120	150	180	210	240	270	300	330	360
Qw, cfs	3.910	3.910	3.910	3.910	3.910	3.910	3.910	3.910	3.910	3.910	3.910	3.910
Jenk SD %	0.973	0.981	0.985	0.987	0.988	0.989	0.990	0.991	0.020	0.011	0.008	0.006
Jen SD cfs	3.806	3.836	3.850	3.858	3.863	3.867	3.871	3.873	0.079	0.044	0.030	0.023
Hunt SD %	0.358	0.451	0.508	0.549	0.580	0.605	0.626	0.643	0.324	0.233	0.184	0.151
Hunt SD cfs	1.399	1.765	1.988	2.147	2.268	2.366	2.447	2.516	1.267	0.910	0.718	0.592

Parameters:		Scenario 1	Scenario 2	Scenario 3	Units
Net steady pumping rate	Qw	3.91	3.91	3.91	cfs
Distance to stream	а	1340	1340	1340	ft
Aquifer hydraulic conductivity	K	26.82035	26.82035	26.82035	ft/day
Aquifer thickness	b	1000	1000	1000	ft
Aquifer transmissivity	Т	26820.35	26820.35	26820.35	ft*ft/day
Aquifer storage coefficient	S	0.001	0.001	0.001	
Stream width	ws	60	60	60	ft
Streambed hydraulic conductivity	Ks	0.3	0.3	0.3	ft/day
Streambed thickness	bs	20	20	20	ft
Streambed conductance	sbc	0.9	0.9	0.9	ft/day
Stream depletion factor (Jenkins)	sdf	0.066949164	0.066949164	0.066949164	days
Streambed factor (Hunt)	sbf	0.044965856	0.044965856	0.044965856	

Transmissivity	Transmissivity from Specific Capacity using the Theis Equation	city using the Theis	s Equation					Data Entry		Enter Data Below (yellow boxes only)	
Adapted from Vorhis (1979)	orhis (1979)							Well Log ID or Comment for Records	nt for Records	LAKE 1627 / LAKE 4448	
Theis Equation:	: $T = [Q/(4^*s^*pi)][W(u)]$	[n]						Pumping Rate (apm) = Q	= 0	800.00	(mdb)
	W(u) = (-In u)-(0.5	772157)+(u/1*1!)-(u*	$W(u) = (-\ln u) - (0.5772157) + (u/1^11) - (u^uu/2^22!) + (u^uu^uu/3^33!) - (u^uu^uu/4^44!) +$	-(u*u*u*u/4*4!)+						000	(6004)
	T - transmissivity (1 *1 /T)	E						Drawdown (reet) = s =		00.8	(neer)
	s = drawdown (L)	(8		r = radial distance (L)	(1)		Time (hours) = t =		4.0000	(hours)
	S = storage coeffic pi = 3.141592654	S = storage coefficient (dimensionless) pi = 3.141592654	G.		t = time (T) u = dimensionless			Storage Coefficient = S =		0.001000	(dimensionless)
Note: Transmis	Note: Transmissivity is derived using an iterative process	ing an iterative pro	cess		W(u) = well function	c		Well Diameter (inches) = d	p	12.0000	(inches)
	The calculations u	(Q/s) is used to first	The calculations use a known or assumed Storage Coeficient (S) provided by the user Specific Capacity ($Q(s)$ is used to first approximate the Transmissivity (T) used to calcu	ent (S) provided the namissivity (T) us	by the user ed to calculate u in t	The calculations use a known or assumed Storage Coeficient (S) provided by the user Specific Capacity (Q/s) is used to first approximate the Transmissivity (T) used to calculate u in the first Theis equation iteration	ration	3		Press F9 to Calculate	
¥5	The Transmissivit	The Transmissivity of the previous iteration is Total Theis Equation iterations = 25 iterations	The Transmissivity of the previous iteration is used to calculate u in a given Theis equation iteration Total Theis Equation iterations = 25 iterations	ulate u in a given	Theis equation iteral	tion		Calculated Results		Calculated Results	
	Can accept answe	Can accept answer if difference in calculated Tran Can accept answer if u in the last iteration is < 7.1	Can accept answer if difference in calculated. I fansmissivity for the last z iterations. Can accept answer if u in the last iteration is < 7.1	ty ror the last z ite	rations is < 0.0001			Transmissivity (ft2/day) = T) = T =	26,820.35	(ft2/day)
Note: Well effic	Note: Well efficiency is not included in the calculations	ed in the calculatio	suc			ı		Transmissivity (gpd/ft) = T =	= <u>T</u> =	200,630.17	(gpd/ft)
References:	Theis, C.V. 1935. ground water s'	The relation betwer torage. American G	eis, C.V. 1935. The relation between the lowering of the piezometric surface and the rate and duration of di ground water storage. American Geophysical Union Transactions, 16 annual meeting, vol. 16, pg. 519-524.	e piezometric sur. ansactions, 16 an	face and the rate and nual meeting, vol. 16	Theis, C.V. 1935. The relation between the lowering of the piezometric surface and the rate and duration of discharge of a well using ground water storage. American Geophysical Union Transactions, 16 annual meeting, vol. 16, pg. 519-524.	f a well using	Transmissivity Difference = (last 2 iterations)	= = = = = = = = = = = = = = = = = = =	0.0000E+00 okay to use T if diff < 0.0001	(ft2/day)
	Vorhis, R.C. 1979. Tran Dec. 1979, pg. 50-52.	 Transmissivity frois 50-52. 	m pumped well data.	. Well Log, Nation	nal Water Well Asso	1979. Transmissivity from pumped well data. Well Log, National Water Well Association newsletter, vol. 10, no. 11, 9, pg. 50-52.), no. 11,	u = (last iteration)		1.3982E-08 okay to use T if u <7.1	
Drawdown	Storage	Pumping Rate	Pumping Rate	Time	Distance	3	W(u)	Transmissivity	Transmissivity	Comments	Theis
s	Coefficient	ď	O	t t	r = d/2			T (45/C4)	difference from		Equation
(reet)	n	(gal/min)	(Italisec)	(ddys)				(itenay)	3000		
Not	Note: yellow grid areas are where values are calculated	are where values	are calculated			Note: W(u) calculation valid when u < 7.1	valid when u < 7.1				
						7.0000	1.1545E-04			W(u) calculation test	
8.00	0.00100	800.00	1.78	0.17	0.50			19,250.00	THE RESERVE OF THE PARTY OF THE	T=Q/s	
000	0000	0000	7100	0.47	0	1 0484E.08	17 1766	26 312 31	7 0623E+03	T = Theis Fourtion	100
8.00	0.00100	800.00	1.78	0.17	0.50	1.4252E-08	17.4892	26,791.05	4.7875E+02	T = Theis Equation	2.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3997E-08	17.5072	26,818.68	2.7622E+01	T = Theis Equation	3.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3983E-08	17.5083	26,820.35	1.5/85E+00 9.0162E-02	T = Theis Equation	5.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083	26,820.35	5.1497E-03	T = Theis Equation	00.9
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083	26,820.35	2.9413E-04 1.6799E-05	T = Theis Equation	8.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083	26,820.35	9.5951E-07	T = Theis Equation	00.6
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083 17.5083	26,820.35	5.4803E-08 3.1323E-09	T = Theis Equation T = Theis Equation	11.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083	26,820.35	1.7462E-10	T = Theis Equation	12.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083	26,820.35	0.0000E+00	T = Theis Equation	13.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083	26,820.35	0.0000E+00	T = Theis Equation	15.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083	26,820.35	0.0000E+00	T = Theis Equation	16.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083	26,820.35	0.0000E+00	T = Theis Equation	18.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083	26,820.35	0.0000E+00	T = Theis Equation	19.00
8.00	0.00100	800:00	1.78	0.17	0.50	1.3982E-08	17,5083	26,820.35	0.0000E+00	T = Theis Equation	21.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17,5083	26,820.35	0.0000E+00	T = Theis Equation	22.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17.5083	26,820.35	0.0000E+00	T = Theis Equation	24.00
8.00	0.00100	800.00	1.78	0.17	0.50	1.3982E-08	17,5083	26,820.35	0.0000E+00	T = Theis Equation	25.00



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900 www.wrd.state.or.us

Watermaster Review Form: Water Right Transfer

Transfer Application: T-11894	Review Due Date:	11/12/2014
Applicant Name: <u>Colahan Enterprises</u>		
Proposed Changes: POU POD	□ USE	OTHER
Reviewer(s): <u>Brian Mayer</u>	Date of Review:	Nov. 12, 2014
1. Do you have <u>evidence</u> that the right has not be presumption of forfeiture would not likely be evidence (e.g. dated aerial photo showing pay	rebuttable? Yes No	If "yes", attack
 Is there a history of regulation on the source t involved the transferred right(s) and downstre Generally characterize the frequency of any re occurred: 	eam water rights? \(\subseteq \text{Yes}	⊠ No
3. Have headgate notices been issued for the sou ☐ Yes ☐ No ☐ Records not available.		d right(s)?
 In your estimation, after the proposed change result in regulation of other water rights that original right(s) was/were maximized? ☐ Yes ☒ No If "Yes", explain: 	would distribution of water to would not have occurred if us	for the right(s) se under the
5. In your estimation, if the proposed change is would be affected? Yes No If "Y and list the rights most affected:	approved, are there upstream es", describe how the rights v	water rights that would be affected
6. Check here ☐ if it appears that downstream from the current use of the transferred right(s the locations where the return flows likely oc ☑N/A	s)? If you check the box, gen	erally characterize
7. For POD changes and instream transfers, che the old and new PODs or within the propose describe and, if possible, estimate the losses:	d instream reach? If you chec : \overline{\text{N/A}}	ck the box,
8. For instream transfers that propose protection stream: N/A Would the quantity be measuith OAR 690-077-0015(8)? Yes N	asureable into the receiving st	h of the source ream consistent
9. For POU changes: ⊠ N/A Is it likely the o water from the same source? ☐ Yes ☐ No	original place of use would co o If "Yes", explain:	ntinue to receive

10.	For POU or USE changes: N/A In your best judgment, would use of the existing right at "full face value," result in the diversion of more water than can be used beneficially and without waste? Yes No If "Yes", explain:
11.	Are there other issues not identified through the above questions that should be considered in determining whether the change "can be effected without injury to other rights"? Yes No If "Yes", explain: Groundwater Section Review. This approval is contingent on a approval.
12.	What alternatives may be available for addressing any issues identified above:
13.	Do conditions need to be included in the transfer order to avoid enlargement of the right or injury to other rights? No Yes, as checked below:
	A Headgate should be required prior to diverting water.
	 ✓ Measurement Devices for POD or POA: (if this condition is selected, also fill in the top sections of page 3) a. Before water use may begin under this order, the water user shall install a
	<u>totalizing flow meter</u> *, or, with prior approval of the Director, another suitable measuring device, \square at each point of diversion/appropriation (new and existing) or \square at each new point of diversion/appropriation.
	b. The water user shall maintain the meters or measuring devices in good working order.
	c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
	Reservoir water use measurement: (if this condition is selected, also fill in the top sections of page 3)
	a. Before water use may begin under this order, the water user shall install <u>staff</u> <u>gages</u> *, or, with prior approval of the Director, other suitable measuring devices, that measure the entire range and stage between empty and full in each reservoir. Staff gages shall be United States Geological Survey style.
	b. Before water use may begin under this order, if the reservoir is located in channel, weirs or other suitable measuring devices must be installed upstream and downstream of the reservoir, and, an adjustable outlet valve must be installed. The water user shall maintain such devices in good working order. A written waiver may be obtained, if in the judgment of the Director, the installation of weirs or other suitable measuring devices, or the adjustable outlet valve, will provide no public benefit.
	* The following alternative device(s) should be substituted for the bold, underlined
	device in the above selected condition: Submerged Orifice
	☐ Weir ☐ Submerged Orifice ☐ Parshall Flume ☐ Flow Restrictor
	Other:

Oregon Water Resources Department

Measurement Condition Information for the Applicant

(to be sent with the Draft Preliminary Determination or Final Order)

Trans	fer	#:	T-	11	894

transfer: \times at each point of diversion/appropric at each new point of diversion/appro	ation (new and existing	er, as a condition of this
For additional information, or to obtain approvapplicant should contact the area Watermaster:		measurement device, the
Watermaster name: Brian Mayer		
District: <u>12</u>		
Address: 513 Center St.		
City/State/Zip: Lakeview OR 97630		
Phone: 541 947 6038		
Email: mayerbm@state.or.us		
Note: If a device other than the one specified i approved by the Watermaster, fill out and ***********************************	l mail the form below to	o the Salem office. *********
Approval of an Alternate M (to be filled out after consultation	easurement Device on with the applicant, or	r after a site visit)
Approval of an Alternate M (to be filled out after consultatio) On behalf of the Director, I authorize use of the	n with the applicant, or	r after a site visit)
(to be filled out after consultatio	n with the applicant, or	r after a site visit)
(to be filled out after consultatio	n with the applicant, or	r after a site visit)
(to be filled out after consultation) On behalf of the Director, I authorize use of the	n with the applicant, or ne following suitable al	r after a site visit) ternate measurement device: Date

म् भ

9

From:

Bruce Brody-Heine <BBheine@gsiws.com>

Sent:

Thursday, February 26, 2015 10:32 AM

To:

SMITH Joan M

Subject:

RE: Transfer Application T-11894

Attachments:

T-11894 Well Correction Letter_Final.pdf

Hi Joan.

Please find attached the replacement pages to the T-11894 application that provided corrected well locations as we discussed over the phone yesterday.

Do not hesitate to call if you have any more questions.

Thanks for the help in finalizing this transfer. Bruce



Bruce Brody-Heine, RG, CWRE | Senior Hydrogeologist direct: (541) 678-5117 x 141 | mobile: (541) 390-0591 147 SW Shevlin Hixon Dr, Suite 201, Bend, OR 97702 bbheine@gsiws.com | http://www.gsiwatersolutions.com

From: SMITH Joan M [mailto:joan.m.smith@state.or.us]

Sent: Wednesday, February 25, 2015 2:58 PM

To: Bruce Brody-Heine

Subject: Transfer Application T-11894

Bruce, I am working on Transfer Application t-11894 and when I use the measurements from the application to locate SVE 2, Located 2665 feet North and 1725 feet West from the SE corner of Section 23, on our mapper this places that point in the SW NE, not the NW SE as listed in the application. The location of the point on the Application map also appears to be in the SW NE. Would you please confirm the location of SVE 2.

Thank you,

Joan Smith

Joan M Smith Transfer Specialist Oregon Department of Water Resources 725 Summer St NE Suite A Salem Oregon 97301 phone 503-986-0892

Please Note: Under Oregon Law, messages to and from this e-mail address may be available to the public.

From:

Bruce Brody-Heine <BBheine@gsiws.com>

Sent:

Wednesday, February 25, 2015 5:51 PM

To:

SMITH Joan M

Subject:

RE: Transfer Application T-11894

Hi Joan,

Thank you for noticing the well location error. My map person will make the corrections in the morning, and as discussed I will send you an electronic copy of the corrected Table 1 and the stamped and signed map, with the original dropped into the mail.

Bruce

From: SMITH Joan M [mailto:joan.m.smith@state.or.us]

Sent: Wednesday, February 25, 2015 2:58 PM

To: Bruce Brody-Heine

Subject: Transfer Application T-11894

Bruce, I am working on Transfer Application t-11894 and when I use the measurements from the application to locate SVE 2, Located 2665 feet North and 1725 feet West from the SE corner of Section 23, on our mapper this places that point in the SW NE, not the NW SE as listed in the application. The location of the point on the Application map also appears to be in the SW NE. Would you please confirm the location of SVE 2.

Thank you,

Joan Smith

Joan M Smith
Transfer Specialist
Oregon Department of Water Resources
725 Summer St NE Suite A
Salem Oregon 97301
phone 503-986-0892

Please Note: Under Oregon Law, messages to and from this e-mail address may be available to the public.

From:

Bruce Brody-Heine <BBheine@gsiws.com>

Sent:

Wednesday, February 25, 2015 3:24 PM

To:

SMITH Joan M

Subject:

RE: Transfer Application T-11894

Hi Joan,

I will work on getting you an answer this afternoon sometime.

Bruce

From: SMITH Joan M [mailto:joan.m.smith@state.or.us]

Sent: Wednesday, February 25, 2015 2:58 PM

To: Bruce Brody-Heine

Subject: Transfer Application T-11894

Bruce, I am working on Transfer Application t-11894 and when I use the measurements from the application to locate SVE 2, Located 2665 feet North and 1725 feet West from the SE corner of Section 23, on our mapper this places that point in the SW NE, not the NW SE as listed in the application. The location of the point on the Application map also appears to be in the SW NE. Would you please confirm the location of SVE 2.

Thank you,

Joan Smith

Joan M Smith
Transfer Specialist
Oregon Department of Water Resources
725 Summer St NE Suite A
Salem Oregon 97301
phone 503-986-0892

Please Note: Under Oregon Law, messages to and from this e-mail address may be available to the public.

From:

Bruce Brody-Heine <BBheine@gsiws.com>

Sent:

Thursday, February 26, 2015 10:46 AM

To:

SMITH Joan M

Subject:

RE: Transfer Application T-11894

Hi Joan,

I just sent off an email with an electronic version of the well location corrections. The attached file was approximately 3 MB in size

So, I am just following up with you to make sure that you receive that email.

Thanks **Bruce**

From: SMITH Joan M [mailto:joan.m.smith@state.or.us]

Sent: Wednesday, February 25, 2015 2:58 PM

To: Bruce Brody-Heine

Subject: Transfer Application T-11894

Bruce, I am working on Transfer Application t-11894 and when I use the measurements from the application to locate SVE 2, Located 2665 feet North and 1725 feet West from the SE corner of Section 23, on our mapper this places that point in the SW NE, not the NW SE as listed in the application. The location of the point on the Application map also appears to be in the SW NE. Would you please confirm the location of SVE 2.

Thank you,

Joan Smith

Joan M Smith
Transfer Specialist
Oregon Department of Water Resources
725 Summer St NE Suite A
Salem Oregon 97301
phone 503-986-0892

Please Note: Under Oregon Law, messages to and from this e-mail address may be available to the public.

Sperseedel



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900 www.wrd.state.or.us

Watermaster Review Form: Water Right Transfer

Γrai	nsfer Application: T- <u>11894</u>	Review Due Date:	11/12/2014
Арр	olicant Name: <u>Colahan Enterprises</u>		
Proj	posed Changes: POU POD 🔀 P	OA USE	OTHER
Rev	riewer(s): Brian Mayer	Date of Review:	Nov. 12, 2014
l.	Do you have <u>evidence</u> that the right has not been use presumption of forfeiture would not likely be rebutta evidence (e.g. dated aerial photo showing pavement	ıble? 🛛 Yes 🔲 No	If "yes", attach
2.	Is there a history of regulation on the source that servinvolved the transferred right(s) and downstream was Generally characterize the frequency of any regulation occurred:	ter rights? \[\] Yes	⊠ No
3.	Have headgate notices been issued for the source that Yes No Records not available.	t serves the transferred	d right(s)?
4.	In your estimation, after the proposed change would result in regulation of other water rights that would roriginal right(s) was/were maximized? Yes No If "Yes", explain:	distribution of water for the state occurred if us	for the right(s) se under the
5.	In your estimation, if the proposed change is approve would be affected? Yes No If "Yes", destand list the rights most affected:	ed, are there upstream scribe how the rights v	water rights that would be affected
6.	Check here if it appears that downstream water refrom the current use of the transferred right(s)? If you the locations where the return flows likely occur and \overline{N}/A	ou check the box, gene	erally characterize
7.	For POD changes and instream transfers, check here the old and new PODs or within the proposed instread describe and, if possible, estimate the losses:	am reach? If you chec	el losses between
8.	For instream transfers that propose protection of a restream: N/A Would the quantity be measureable with OAR 690-077-0015(8)? Yes No	each beyond the mouth e into the receiving str	n of the source ream consistent
9.	For POU changes: N/A Is it likely the original property water from the same source? Yes No Is	place of use would corf "Yes", explain:	ntinue to receive

10.	For POU or USE changes: N/A In your best judgment, would use of the existing right at "full face value," result in the diversion of more water than can be used beneficially and without waste? Yes No If "Yes", explain:					
11.	Are there other issues not identified through the above questions that should be considered in determining whether the change "can be effected without injury to other rights"? Yes No If "Yes", explain: Groundwater Section Review. This approval is contingent on a approval.					
12.	What alternatives may be available for addressing any issues identified above:					
13.	Do conditions need to be included in the transfer order to avoid enlargement of the right of injury to other rights? No Yes, as checked below:					
	A Headgate should be required prior to diverting water.					
	Measurement Devices for POD or POA: (if this condition is selected, also fill in the top sections of page 3)					
	a. Before water use may begin under this order, the water user shall install a totalizing flow meter* , or, with prior approval of the Director, another suitable measuring device, at each point of diversion/appropriation (new and existing) or at each new point of diversion/appropriation.					
	b. The water user shall maintain the meters or measuring devices in good working order.					
	c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.					
	Reservoir water use measurement: (if this condition is selected, also fill in the top sections of page 3)					
	 a. Before water use may begin under this order, the water user shall install staff gages*, or, with prior approval of the Director, other suitable measuring devices, that measure the entire range and stage between empty and full in each reservoir. Staff gages shall be United States Geological Survey style. b. Before water use may begin under this order, if the reservoir is located in channel, weirs or other suitable measuring devices must be installed upstream and downstream of the reservoir, and, an adjustable outlet valve must be installed. The water user shall maintain such devices in good working order. A written waiver may be obtained, if in the judgment of the Director, the installation of weirs or other suitable measuring devices, or the adjustable outlet valve, will provide no public benefit. 					
	* The following alternative device(s) should be substituted for the bold, underlined					
	device in the above selected condition:					
	☐ Weir ☐ Submerged Orifice					
	Parshall Flume Flow Restrictor					
	Other:					

Regular Permanent Water Righ	nt Transfe	er Applicati	ion C	heckli	st		
Checked by Stoff - C	4 [Certs & acres involved:					
(If OK, check box to left; if not, fill in the blank)					2		
If not, what is missing? Changes:							
2. Are fees included and correct? Fee paid: 800					# cfs involved:		
If not, the correct fee would be:, so the amount missing is:					Source:		
► If a Substitution (see Page 5 of application)			L				
Base fee for 1 well (POA) \$72							
Number of additional wells =		x \$350.00 =					
		Total =	r				
► If a Government Action POD change (see: Page 5): NO CHARGE							
► If any other type of "regular permanent" transfer:							
	Base fee for one water right, one change and first cfs =			0.00			
# of additional water rights beyond the first (see Part 4 of application) =		x \$450.00 =	45	0			
Additional fee for groundwater staff review number of changes to well location(s), addi or change from SW diversion point to a well	tional well(s)	\$350.00	35	0			
1 or 2 additional TYPEs of change* (see Page 5 of application) =		x \$800.00 =					
If Place of Use or Character of Use change and transfer involves more than 1 cfs (based on primary acres x rate), # cfs or fraction above the first cfs =	on involved in transc	x \$300.00 =	transfor				
HINT: Total cfs on WR (\div) total # acres on WR (x) # acres involved in transfer = # cfs involved in transfer Sub-total = $\frac{1}{8}$							
If a letter from ODFW endorsing this as a "fish-friendly" transfer is included, multiply sub-total by 0.50 =							
Total = sub-total minus 50% "fish-friendly" reduction, if applicable =							
*NOTE: [POD/APOD, POA/APOA, SW to GW, Gov Action] are all counted as one type POU is counted as one type [USE or (Supplemental to Primary)] are counted as one type							
3. Page 3 of application: Have all the applicants list If no, whose signature is missing?		*	·				
4. Are all listed certificates or permits shown by WRIS as non-cancelled? If no, which are cancelled? For each cancelled certificate, if there has been a remaining right certificate issued that covers the lands in the left side of Table 2, list its number and check the #4 box at left on this checklist.							
5. If any certificate is in the name of a "district", is a Supplemental Form D from that district enclosed? N/A Form D needed from(district)							
6. If all #1-#5 boxes on this checklist are checked (with no remaining deficiencies identified), accept the application and assign it a numbered transfer folder. Put this check sheet in the transfer folder. If #1, #2, #3, #4 or #5 on this checklist is deficient, the application cannot be accepted. It should be returned and the deficiencies listed in the "staff" section at the bottom of Application Page 1, unless the applicant or agent can resolve the deficiencies within 2-3 days.							



Water Resources Department

North Mall Office Building 725 Summer St NE, Suite A Salem, OR 97301 Phone (503) 986-0900 Fax (503) 986-0904 www.wrd.state.or.us

COLAHAN ENTERPRISES ATTN ERIN DOUGLAS PO BOX 300 PAISLEY, OR 97636

Reference: Application T-11894

On September 26, 2014, we received your water right Transfer application. The application was accompanied by \$1800.00. Our receipt number 113538 is enclosed.

By copy of this letter, we are asking the Watermaster for a report regarding the potential for injury to existing water rights which may be caused by the requested change. A review form will also be sent to our groundwater staff to determine whether the proposed well accesses the same source of water as the original well.

Your application will be examined to determine whether additional information is needed. We will notify you if further information or corrections to the application or map are required.

This application <u>may</u> require publication of a notice for two consecutive weeks in a newspaper with general circulation in the area where the water right is located. If it is determined that newspaper notice will be required, the Department will prepare the notice and notify you of the cost. You will be responsible for submitting payment to the Department prior to publication of the notice.

Except as provided under ORS 540.510(3) for municipalities, you may not use water from the new point of appropriation until a final order approving the transfer application has been issued by the Department.

In order to avoid any possible forfeiture of the water right, you should continue to use the water as described by your existing water right.

If the land is sold before the application is approved, the buyer's consent to the application will be required unless a recorded deed or other legal document clearly established that the water right was not conveyed in the sale.

Refer to the following page for a chart showing the steps and expected timelines for the processing of your application.

If you have any questions, please contact the Transfer Section at (503)986-0807.

Cc: Watermaster Dist. #12 (via email)
Bruce Brody-heine, Agent

Enclosure

Regular Transfer Process (including "Proving Up" on the changes)

OAR 690 Division 380

Application Received

(required information included)

Injury Review forms sent to Watermaster, and Groundwater staff and ODFW as appropriate

Notice of Application in WRD Weekly Notice (30-day Comment Period)

Review of the status of the right and the potential for enlargement or injury to other rights

Draft Preliminary Determination

(WRD assessment of whether application should be approved or denied, considering injury review and any comments received) sent to applicant, with request for a report of ownership for the lands where the transfer right is.

Applicant Review of

Draft Preliminary Determination

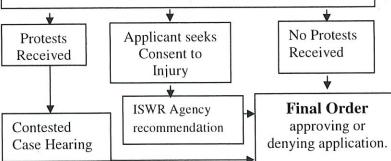
(Opportunity for applicant to submit a report of land ownership and modify or withdraw proposed transfer—at least 30 days allowed)

Preliminary Determination Issued

Notice of Preliminary Determination

in WRD Weekly Notice and, if statutorily required, in newspaper once a week for 2 or 3 consecutive weeks.

Protest Period ends 30 days after WRD notice, or 30 days after last date of newspaper publication, whichever is later.



Period for developing authorized changes begins as soon as an order is issued approving the changes. If the certificate has been cancelled the right goes into an inchoate state.

Deadline for completion of the changes.

The applicant must make full beneficial use under terms and conditions of the order by the deadline or request an extension of time, or inform the department that he does not intend to complete the change.

If the applicant decides not to complete a change in POD/POA, the Department will issue an order reverting the right to the original POD/POA and issue a new certificate. However, if any other type of change is not completed, the transferred portion of the right is forfeited.

An order may be issued, granting an extension of time for completing the changes.

Applicant submits a Claim of Beneficial
Use prepared by a CWRE within one year
after the completion deadline or the date of
complete beneficial use. There is no
provision for extending the deadline for
submission of the Claim.

Water Right Services Division reviews the Claim, determines whether proof has been made and if so, issues a new certificate. Right is no longer inchoate, but perfected and subject to being transferred.

Transfer Applications: Regular

The holder of a water right may apply to permanently change an existing water use subject to transfer as defined in ORS 540.505(4). An application may involve any of the following changes: Point of diversion or appropriation (POD; POA); Additional point of diversion or appropriation (APOD; APOA); Historic POD (HIST); Place of use (POU); Character of use (USE); Instream (ISWR); Substitution (SUB); or Exchange (EXCH).

The Department seeks public comment on the recently-filed transfer applications listed below. Any person may comment on a transfer application. Comments must be received by the Department on or before November 13, 2014. Any person who provides comments within the comment period will receive a copy of the Department's preliminary determination of whether the application should be approved or rejected after the Department has completed a review of the application and will be provided an opportunity to protest the application and preliminary determination at that time.

Transfer

T 11894

Water Right County/Basin Cert:89546 CF *, Cert:89355 CF * Lake / Goose & Summer Lake(13) COLAHAN ENTERPRISES

Applicant Name

PO BOX 300 PAISLEY, OR 9763

Sources/TRSQ160Q40

A WELL > CHEWAUCAN RIVER / 33.00S 18.00E 23 SWNW A WELL > CHEWAUCAN RIVER / 33.00S 18.00E 23 SWNW

Use/Quantity

SUPPLEMENTAL IRRIGATION / 2.900 CFS SUPPLEMENTAL IRRIGATION / 1.010 CFS

Priority Date

04/09/1982, 04/19/1983



September 15, 2014

RECEIVED SEP. 26 2014 OWRD

Kelly Starnes Transfer Program Advisor Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301

RE: Request to Revert the Remaining Portion of Transfer T-11214

(former Certificate 64775)

Mr. Starnes:

On January 10, 2012, the Oregon Water Resources Department (Department) approved Transfer Application T-11214, filed by Colahan Enterprises. The original Transfer T-11214 authorized additional points of appropriation associated with Certificate 82230 and Certificate 64775 – adding Wells 2, 3 and 4 as new points of appropriation. Transfer T-11214 did not authorize a change in the character of use or place of use.

I request that the Department revert the remaining Certificate 64775 (2.9 cfs) associated with Transfer T-11214 back to Well 1, the original point of appropriation. The location for Well 1 was clarified and is most accurately described in the transfer final order.

I appreciate your attention to this request. Please feel free to contact me with any questions in regards to this request.

Sincerely,

Erin K. Douglas

Secretary, Colahan Enterprises

Cc Lynn Culp – Surprise Valley Electrification Corp. Bruce Brody-Heine – GSI Water Solutions, Inc.



September 25, 2014

Kelly Starnes Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301

RE: Application for Water Right Transfer Certificate 89355 and Former Certificate 64775

Dear Kelly,

Enclosed is a Transfer application and supporting documentation for Certificate 89355 (formerly Certificate 82230) and former Certificate 64775. Former Certificate 64775 is currently part of Transfer T-11214; however we are requesting that this existing transfer be reverted. A letter requesting the reversion of Transfer T-11214 accompanies this application package.

This application is being submitted on behalf of Colahan Enterprises. The enclosed application proposes to add three additional points of appropriation that will provide redundancy in the system. Enclosed is a check for the application fee in the amount of \$1,800.00.

GSI Water Solutions, Inc., is the authorized agent for the applicant regarding this transaction, and should be copied on all correspondence associated with this application. Please do not hesitate to call if you have any questions or need additional information.

Sincerely,

Bruce Brody-Heine

GSI Water Solutions, Inc.

Beur Brody Hein

Enclosures

Cc:

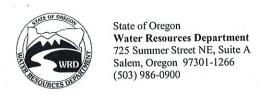
Erin Douglas, Secretary – Colahan Enterprises Lynn Culp, Surprise Valley Electrification Corporation SEP. 26 2014 OWRD

Just 1 my pin

J 1 V 13 3 3 3

wige as TES

777



Application for Permanent Water Right Transfer

Part 1 of 5 - Minimum Requirements Checklist

This transfer application will be returned if Parts 1 through 5 and all required attachments are not completed and included.

For questions, please call (503) 986-0900, and ask for Transfer Section. RECEIVED Check all items included with this application. (N/A = Not Applicable) SEP. 26 2014 Part 1 - Completed Minimum Requirements Checklist. \boxtimes OWRD Part 2 – Completed Transfer Application Map Checklist. \boxtimes Part 3 - Application Fee, payable by check to the Oregon Water Resources Department, and \boxtimes completed Fee Worksheet, page 3. Try the new online fee calculator at: http://apps.wrd.state.or.us/apps/misc/wrd fee calculator. If you have questions, call Customer Service at (503) 986-0801. Part 4 – Completed Applicant Information and Signature. Part 5 - Information about Water Rights to be Transferred: How many water rights are to X be transferred? 2 List them here: 89355 & former 64775 (Transfer T-11214 being reverted and a new Certificate # currently being issued by Department - see attached reversion letter) Please include a separate Part 5 for each water right. (See instructions on page 6) **Attachments:** Completed Transfer Application Map. Completed Evidence of Use Affidavit and supporting documentation. N/A Affidavit(s) of Consent from Landowner(s) (if the applicant does not own the land the water right is on.) Supplemental Form D - For water rights served by or issued in the name of an irrigation district. Complete when the transfer applicant is not the irrigation district. Land Use Information Form with approval and signature (or signed land use form receipt stub). Not required if water is to be diverted, conveyed, and/or used only on federal lands or if all of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone. Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional N/A point(s) of appropriation. Geologist Report for a change from a surface water point of diversion to a ground water point N/A of appropriation (well), if the proposed well is more than 500' from the surface water source and more than 1000' upstream or downstream from the point of diversion. See OAR 690-380-2130 for requirements and applicability. (For Staff Use Only) WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S): Map not included or incomplete Application fee not enclosed/insufficient Land Use Form not enclosed or incomplete is incomplete Additional signature(s) required Part Other/Explanation 503-986-0 Date: Staff:

Your transfer application will be returned if any of the map requirements listed below are not met. Please be sure that the transfer application map you submit includes all the required items and matches the existing water right map. Check all boxes that apply. N/A Certified Water Right Examiner (CWRE) Stamp and Original Signature. For a list of \boxtimes CWREs, see http://apps.wrd.state.or.us/apps/wr/cwre_license_view/. CWRE stamp and signature are not required for substitutions. N/A If more than three water rights are involved, separate maps are needed for each water right. \boxtimes Permanent quality printed with dark ink on good quality paper. X The size of the map can be $8\frac{1}{2}$ x 11 inches, $8\frac{1}{2}$ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required. X A north arrow, a legend, and scale. \boxtimes The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the Final Proof/Claim of Beneficial Use Map (the map used when the permit was certificated), the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department. \boxtimes Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines. \boxtimes Tax lot boundaries (property lines) are required. Tax lot numbers are recommended. X Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads. Major water delivery system features from the point(s) of diversion/appropriation such as \boxtimes main pipelines, canals, and ditches. Existing place of use that includes separate hachuring for each water right, priority date, and X use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the water right is being changed, a separate hachuring is needed for lands left unchanged. Proposed place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. X Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water right certificate or permit. If you are proposing a change in point(s) of diversion or well(s), show the proposed location M and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example - 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example - 42.53764°).

	FEE WORKSHEET for PERMANENT TRANSFER Part 3 of 5	- Fee	Worksheet
1	Base Fee (includes one type of change to one water right for up to 1 cts)	1	\$1,000
	Types of change proposed:	3	RECEIVE
	Place of Use		OFD 00 2011
	Character of Use		SEP 26 2014
	Point of Diversion/Appropriation		OWRD
	Number of above boxes checked = $\frac{1(2a)}{a}$		CAALID
	Subtract 1 from the number in line $2a = 0$ (2b) If only one change, this will be 0	2	0
2	Multiply line 2b by \$800 and enter » » » » » » » » » » » » » » »	2	0
	Number of water rights included in transfer 2 (3a)		
	Subtract 1 from the number in 3a above: 1 (3b) If only one water right this will		
_	be 0	3	450
3	Multiply line 3b by \$450 and enter » » » » » » » » » » » » » » » »	3	430
	Do you propose to add or change a well, or change from a surface water POD		
	to a well?		
	No: enter 0 »» » » » » » » » » » » » » » » » » »	4	350
4	Yes: enter \$350 » » » » » » » » » » » » » » » » » » »	7	330
	Do you propose to change the place of use or character of use?		
	No: enter 0 on line 5 » » » » » » » » » » » » » » » » » »		
	Yes: enter the cfs for the portions of the rights to be transferred (see		
	example below*):(5a) Subtract 1.0 from the number in 5a above: (5b)		
	Dublicot 1.0 Hom the manner and the		
	If 5b is 0 or less, enter 0 on line 5 » » » » » » » » » » » » » » » » » »	20	
_	If 5b is greater than 0, round up to the nearest whole number:(5c)	5	0
5	and multiply 5c by \$300, then enter on line 5 » » » » » » » » » » Add entries on lines 1 through 5 above » » » » » » » » » » » Subtotal:	6	\$1,800
6	ridd chilles on mics I throught the	0	Ψ1,000
	Is this transfer:		
	necessary to complete a project funded by the Oregon Watershed		
	Enhancement Board (OWEB) under ORS 541.932?		
	endorsed in writing by ODFW as a change that will result in a net		
	benefit to fish and wildlife habitat? If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 »		
7	If no box is applicable, enter 0 on line 7 » » » » » » » » » » » » » » » »	7	0
7	Subtract line 7 from line 6 » » » » » » » » » » » » » » » Transfer Fee:	8	\$1,800
8 Evenn	Subtract line / from line 6 % % % % % % % % % % % % % % % % % %		

*Example for Line 5a calculation to transfer 45.0 acres of Primary Certificate 12345 (total 1.25 cfs for 100 acres) and 45.0 acres of Supplemental Certificate 87654 (1/80 cfs per acre) on the same land:

1. For irrigation calculate cfs for each water right involved as follows:

a. Divide total authorized cfs by total acres in the water right (for C12345, 1.25 cfs \div 100 ac); then multiply by the number of acres to be transferred to get the transfer cfs (x 45 ac= 0.56 cfs).

b. If the water right certificate does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). (For C87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs)

2. Add cfs for the portions of water rights on all the land included in the transfer; however do not count cfs for supplemental rights on acreage for which you have already calculated the cfs fee for the primary right on the same land. The fee should be assessed only once for each "on the ground" acre included in the transfer. (In this example, blank 5a would be only 0.56 cfs, since both rights serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0).

	FEE WORKSHEET for SUBSTITUTION		
1	Base Fee (includes change to one well)	1	- NA -
	Number of wells included in substitution (2a)		
	Subtract 1 from the number in 3a above:(2b) If only one well this will be 0	-	
2	Multiply line 2b by \$350 and enter » » » » » » » » » » » » »	2	
3	Add entries on lines 1 through 2 above » » » » » Fee for Substitution:	3	

Part 4 of 5 - Applicant Information and Signature

Applicant	Information
-----------	-------------

z z P P z z z z z z z z z z z z z z z z			THE PARTY OF THE P	ADDITIONAL CONTACT NO.
APPLICANT/BUSINESS NAME			PHONE NO.	ADDITIONAL CONTACT NO.
Colahan Enterprises Attn: Erin	Douglas		541-943-3341	
ADDRESS				FAX NO.
PO Box 300				
CITY	STATE	ZIP	E-MAIL	
Paisley	OR	97636	lizzymongo@hotma	il.com
BY PROVIDING AN E-MAIL A				
BY PROVIDING AN E-MAIL A	DDKESS, (O OI THEORIO	OTTO RECEIVE THE O	TO WILL ALSO DE MAILED
DEPARTMENT ELECTRONIC	ALLY. CO	PIES OF THE I	TNAL ORDER DOCUMEN	18 WILL ALSO BE MAILED.

Paisley	OR	9/030	nzzymongownot		DD ONE THE
BY PROVIDING AN E-MAIL A	DDRESS, C	CONSENT IS GIVE	N TO RECEIVE ALL	CORRESPONDENCE	FROM THE
DEPARTMENT ELECTRONICA	ALLY. CO	PIES OF THE FINA	AL ORDER DOCUM	ENTS WILL ALSO BE	MAILED.
Agent Information – The ag	ent is auth	orized to represen	nt the applicant in a	ill matters relating to	this application.
AGENT/BUSINESS NAME			PHONE NO.	ADDITIONAL CO	NTACT NO.
GSI Water Solutions, Inc. Attn	Bruce Br	ody-Heine	541-678-5117		
ADDRESS				FAX NO.	,
147 SW Shevlin Hixon Dr.		,			
CITY	STATE	ZIP	E-MAIL	2011	
Bend	OR	97702	bbheine@gsiws.	CODDESDONDENCE	FROM THE
BY PROVIDING AN E-MAIL A	DDRESS, C	CONSENT IS GIVE	N TO RECEIVE ALI	CORRESPONDENCE	MAILED
DEPARTMENT ELECTRONIC					
Explain in your own words	what you	nronose to acco	omplish with this	transfer application	n, and why:
Propose to add three addition	what you	s in order to pro	vide redundancy	in source of water	for our
	mai r OA	s in order to pro	vide reddinadie)		
supplemental water rights.					4.0
If you need additional space, con	tinue on a s	separate piece of pa	per and attach to the	application as "Attach	ment 1".
Check this box if this pr					
Check this box if this pl	oject is i	ulty of partially	funded by the 2km	ionioum reductory w	
Reinvestment Act. (Fed	eral stimi	ulus dollars)			
		Check (1.4	maios to
By signing this application,	understand	d that, upon receipt	of the draft prelimin	ary determination and avid	prior io lance that I am
Department approval of the	transfer, I v	will be required to p	200 4010(5): OD	p information and evid	once that I am
authorized to pursue the tran I affirm the applicant is a mu	ister as idei	nned in OAK 090	-360-4010(3), OM 3/0 510(3)(b) and the	t the right is in the	
name of the municipality or	micipanty a	sor OR	740.510(5)(6) and the	the right to the street	
I affirm the applicant is an e	a predecess	he authority to cond	lemn property and is	acquiring by	
condemnation the property t	o which the	e water right propo	sed for transfer is app	ourtenant and have	
supporting documentation.		,	•		
2417					
			ofon annlication I	may be required to s	ubmit payment to
I understand that prior to Dep	artment ap	oproval of the trai	ister application, i	llay of required to s	nere the water
the Department for publication	n of a not	ice in a newspape	r with general choice	nauon ni me aiva wi analifyina newsnan	er is available. I
right is located, once per wee	k for two	consecutive week	s, ii more man one 	quantying newspap	
suggest publishing the notice					RECEIVED
I (we) affirm that the inform	nation co	ntained in this a	oplication is true a	and accurate.	ULCLIAFF
5. ///	1			9-16-14	SEP 26 2014
elin the	uppo		s, Secretary I Title if applicable)	Date	SEP 20 ZUIT
Applicant signature		Print Name (and	i Title if applicable)	Date	OWRD
		18			OAALID
Applicant signature	1-1-13-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Print Name (and	l Title if applicable)	Date	
Is the applicant the sole ov	mor of th	e land on which	the water right	r portion thereof, n	roposed for
is the applicant the sole ov		es Mo If W) include sionatures	of all deeded landown	ers (and mailing

uransier is located? [X] I es [] INO. If INO, include signatures of all deeded landowners (and mailing and/or e-mail addresses if different than the applicant's) or attach affidavits of consent (and mailing and/or e-mail addresses) from all landowners or individuals/entities to which the water right(s) were conveyed.

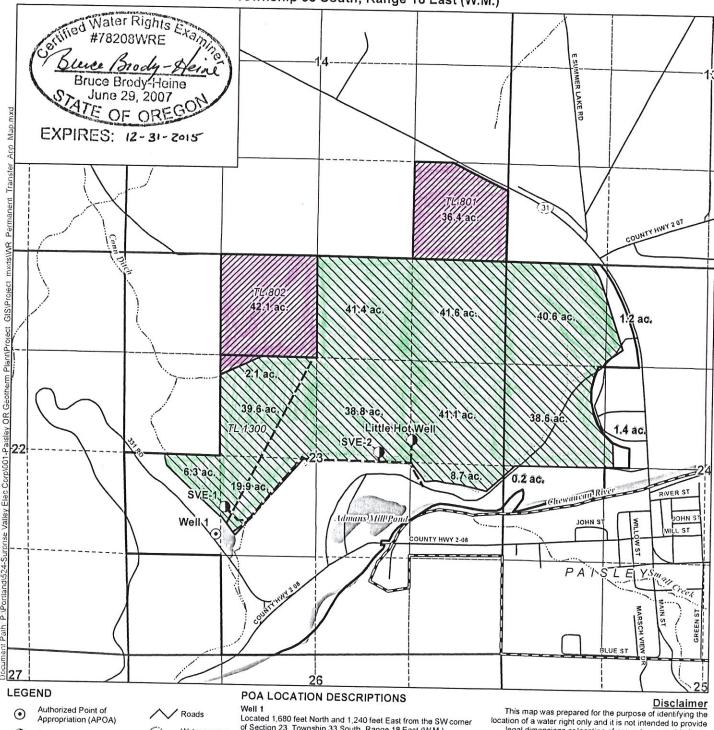
Check the following boxes th	at apply.	•				
continue to be sent to	the appl	icant.			ices and correspondence shou	
The receiving landov final order is issued.	wner will Copies o	be respon of notices	nsible fo and cor	r completing the respondence sl	ne proposed change(s) after the hould be sent to this landowne	ie er.
Both the receiving la Copies of notices and	ndowner d corresp	and appli ondence s	icant wil should b	ll be responsible sent to this la	le for completion of change(s) andowner and the applicant.).
At this time, are the lands in	this tran	sfer appli	cation in	n the process o	f being sold? Yes No	
information table below assignment will have to	. If you do be filed f	lo not kno or at a lat	ow who er date.	the new lando	mplete the receiving landown wner will be, then a request fo	er or
If a property sells, the counless a sale agreement http://www.oregon.gov/	or other of	locument	states o	therwise. For	nd belong to the new owner, more information see:	
RECEIVING LANDOWNER NAME				PHONE NO.	ADDITIONAL CONTACT NO.	
- NA - ADDRESS				,	FAX NO.	
CITY	STATE	ZIP		E-MAIL		
an irrigation or other wa IRRIGATION DISTRICT NAME - NA -	ater distri	ct. (Tip:	Comple	te and attach S	will be located within or serv upplemental Form D.)	
CITY		_ 9	STATE		ZIP	
Check here if water for for stored water with a	any of the	e rights su gency or o	applied to	under a water s ity.	ervice agreement or other cor	ntract
ENTITY NAME - NA -			ADDRE	SS		
CITY	16		STATE		ZIP	
To meet State Land Use Cocorporation, or tribal gover	onsistency nments w	y Require	ments, y	ou must list al	l county, city, municipal vill be diverted, conveyed or u	used.
ENTITY NAME Lake County Planning Depart	ment		ADDR 513 (ESS Center St.		
CITY			STAT		ZIP 97630	
Lakeview			OR		97030	
ENTITY NAME			ADDRE	SS		
CITY			STATE		ZIP	
					RECEIVED	

SEP 26 2014 OWRD

Water Right Transfer Map To Add Points of Appropriation Certificate 89355 & Former Certificate 64775

Colahan Enterprises

Township 33 South, Range 18 East (W.M.)



Authorized Point of Appropriation (APOA)

Proposed APOA

Place of Use (POU) Certificate 89355

Former Certificate (64775) 89546 (new certificate # being

issued)

All Other Features

Distribution Pipeline

Paisley City Limits

Watercourses

Waterbodies

Localed 1,680 feet North and 1,240 feet East from the SW corner of Section 23, Township 33 South, Range 18 East (W.M.) SVE-1

Located 2,050 feet North and 1,370 feet East from the SW corner of Section 23, Township 33 South, Range 18 East (W.M.)

Located 2,665 feet North and 1,725 feet West from the SE corner of Section 23, Township 33 South, Range 18 East (W.M.)

Located 310 feet North and 1,270 feet West from the E1/4 corner of Section 23, Township 33 South, Range 18 East (W.M.)

RECEIVED

SEP. 26 2014



legal dimensions or location of property ownership lines. Map Notes

Data Sources: OWRD, USGS, US BLM, ESRI Prepared By: GS Water Solutions, Inc.

Recreved 2-26-15 gr

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 # 89355

								parameter 1			
Desci	ription of Wate	er Delivery S	yste	m					E		
Syste	m capacity: 1.	01 cubic feet	per	seco	nd (c	fs)	OR				
		gallons	per r	ninu	te (g	pm)					
five y and a that center SVE-pumpipe the pwell	rears. Include in pply the water a pumps water in er pivots, various, various a 200HP ped from SVE-2 (200' of from intersect power plant to has a 25HP sulpersect.	nformation on the the authoring of a bulge (us wheel line) turbine weled through 2 of 12" line), the bulge in	n the zed pones, a des, a des, a des, a des	e purplaced) the Powersyste	nps, e of unat he lood and comber Plem the wat	cana ise. as 2 irris SVI iam bine ant. irou er fi	Als, pip Appr 40HP gation E-2 ha leter p d wat A co ligh a 3 rom th	oved For turbic sites. as 3001 sipe to er is materiale 3200' mis well	and sport and sp	prinklers uas 100H nd pum rbine we utersection through ume of valuement ped into	ome time within the last used to divert, convey IP turbine well pump os. Water is pumped to 2 ell pump. Water is on with the discharge line a 820' of 16" diameter water is diverted from the er line. The Little Hot othe onsite irrigation line. Appropriation (POA)
Table 1. I	Location of Au he POD/POA na	thorized and ame is not sp	i Pro ecifi	opos ed o	ea P n the	cer	tificate	e, assig	gn it a	name or	number here.)
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)		мр	Ri		Sec		½ 4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1 (Hot Well)	Authorized Proposed	LAKE 1627, 4448	33	S	18	E	23	NW	sw	1300	1680' N and 1240' E from the SW corner of Section 23
SVE 1	☐ Authorized ☐ Proposed	LAKE 52530	33	s	18	E	23	NW	sw	1300	1853' N and 1208' E from the SW corner of Section 23
SVE 2	☐ Authorized ☐ Proposed	LAKE 52529	33	S	18	E	23	sw	NE	1300	2665' N and 1725' W from the SE corner of Section 23.
Little Hot Well	☐ Authorized ☐ Proposed	LAKE 1628, 1626	33	s	18	E	23	sw	NE	1300	347' N and 1386' W from the E 1/4 corner of Section 23
Che	eck all type(s) o	of change(s)	prop	oseo	d bel	ow ((chang	ge "CC	DDES	" are pr	ovided in parentheses):
	Place of U		•								to Primary Use (S to P)
		of Use (USE	E)					Poin	nt of A	ppropria	ation/Well (POA)
		oiversion (PC					\boxtimes	Add	litiona	l Point o	f Appropriation (APOA)
		l Point of Di	- 5	on (APO	D)		Sub	stitutio	on (SUB)

Surface Water POD to Ground Water

POA (SW/GW)

Government Action POD (GOV)



February 26, 2015

Joan Smith Transfer Specialist Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301

RE: Application for Water Right Transfer T-11894 Well Location Corrections

Dear Joan,

Please find enclosed two replacement pages for the Transfer Application T-11894 submitted on behalf of Colahan Enterprises. The attached pages include page 7 of the application with the well locations in Table 1 revised, and an updated transfer application map that has been stamped and signed.

Please do not hesitate to call if you have any questions or need additional information. I can be reached at phone number 541.678.5117 x141 or by email at bbheine@gsiws.com.

Bence Brody - Heine

Bruce Brody-Heine

GSI Water Solutions, Inc.

Enclosures

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions.

Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

Table 2. Description of Changes to Water Right Certificate # 89355

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.	Twp Rng Sec 1/4 1/4 Lot DLC Acres Type of to be used (from Date DLC)	33 S 18 E 14 SE SE 801 N/A 36.4 N/A SVE 1, SVE 2, 4/19/1983 Little Hot Well 1,	33 S 18 E 23 NE NW 802 N/A 42.1 N/A SVE 1, SVE 2, 4/19/1983 Little Hot Well	33 S 18 E 23 SE NW 1300 N/A 2.1 N/A SVE 1, SVE 2, 4/19/1983 Little Hot Well		*			TOTAL ACRES: 80.6
Proposed Changes (see	"CODES" from previous page)	APOA	APOA	APOA					
or "off" lands) ORE PROPOSED CHANGES ight that will be changed.	Type of USE POD(s) or listed on or number Date Certificate from Table 1)								
AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES I ist only that next or nortion of the water right that will be changed.	Rng Sec 1/4 1/4 Tax Lot or Acres 10 DLC							- 1	TOTAL ACRES:

Additional remarks: Adding 3 POAs to this existing water right.

Permanent Transfer Application Form – Page 9 of 15

RECEIVED

SEP. 26 2014 OWRD

For Place of Use or Character of Use Changes Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands? Yes No N/A No POU change If YES, list the certificate, water use permit, or ground water registration numbers: - NA -Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application. For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation) - NA -Ground water supplemental Permit or Certificate # - NA -; Surface water primary Certificate # - NA -. For a change from Supplemental Irrigation Use to Primary Irrigation Use Identify the primary certificate to be cancelled. Certificate # - NA -For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation: Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map. Tip: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For proposed wells not yet constructed or built, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specificate (cfs or gpm). If less han full rate water right
Number								A STATE OF THE PARTY OF THE PAR		I

Similar OWRD Groundwater reviews were completed under the Transfer T-11214 (GW review dated 5/16/2011) and for the recent drought temporary transfer application T-11860 (GW review dated 7/23/2014)

Recieved 2/26/15 gs

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 #89355 Description of Water Delivery System System capacity: 1.01 cubic feet per second (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. Approved POA has 100HP turbine well pump that pumps water into a bulge (pond) that has 2 40HP turbine pond pumps. Water is pumped to 2 center pivots, various wheel lines, and flood irrigation sites. SVE-1 has a 200HP turbine well pump, and SVE-2 has 300HP turbine well pump. Water is pumped from SVE-1 through 2600' of 12" diameter pipe to the intersection with the discharge line from SVE-2 (200' of 12" line), then the combined water is moved through 820' of 16" diameter pipe from intersection of SVE-2 to Power Plant. A controlled volume of water is diverted from the the power plant to the bulge in the system through a 3200' 12" in diameter line. The Little Hot well has a 25HP submersible pump and water from this well is piped into the onsite irrigation line. 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.) If POA, Is this Tax POD/POA POD/POA OWRD Well Measured Distances Lot, Name or Authorized on Log ID# (or DLC or (from a recognized Twp Rng Sec 1/4 1/4 Number the Certificate or Well ID Gov't survey corner) is it Proposed? Tag # L-) Lot Well 1 LAKE 1680' N and 1240' E from 33 S E NW SW 18 23 1300 1627, 4448 (Hot Well) ☐ Proposed the SW corner of Section 23. ☐ Authorized LAKE 1853' N and 1208' E from SVE 1 33 S 18 E 23 NW SW 1300 52530 N Proposed the SW corner of Section 23. Authorized LAKE 2665' N and 1725' W from SVE 2 33 S 18 E 23 SW NE 1300 52529 □ Proposed the SE corner of Section 23. 347' N and 1386' W from ☐ Authorized Little LAKE SW33 S 18 E 23 NE 1300 the E 1/4 corner of Section Hot Well Proposed 1628, 1626 Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses): Place of Use (POU) Supplemental Use to Primary Use (S to P) Character of Use (USE) Point of Appropriation/Well (POA) Point of Diversion (POD) Additional Point of Appropriation (APOA)

Substitution (SUB)

Government Action POD (GOV)

Additional Point of Diversion (APOD)

Surface Water POD to Ground Water

POA (SW/GW)

TOTAL ACRES:							Twp Rng Sec 1/4 1/4 Tax Lot or Acres	AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.
							Priority Date	m" or "off" lands) BEFORE PROPOSED CHANGES iter right that will be changed.
	APOA	APOA	APOA	APOA	APOA	APOA	"CODES" from previous page)	Proposed Changes (see
	33	33	33	33	33 5	33 S 18	Twp	
	33 S 18	18						
	· 🔁	E	Ħ	E	E	F	Rng	le lis
		24	24	24	24	23	Sec	ting
	WW	SE	SW	WN		NE	7.	PR as it v
TOTA	SW		WN	WN	WN	SE	% %	OPO:
TOTAL ACRES:	1300	1300	1300	1300	NE NW 1300 N/A	1300 N/A	Tax Lot	SED (1
RES:	24 NW SW 1300 N/A	NW 1300 N/A	N/A	24 NW NW 1300 N/A	N/A	N/A	Gvt Lot or DLC	(the "to" car AFTE are made
319.4	0.2	1.4	SW NW 1300 N/A 38.6	40.6	1.2	8.7	Acres	PROPOSED (the "to" or "on" lands) it would appear AFTER PROPOSEI are made.
	N/A	N/A	N/A	N/A	N/A	N/A	New Type of USE	n" lan (OPO)
	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	Well 1, SVE 1, SVE 2, 4/9/1982 Little Hot Well	POI to b	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.
	4/9/1982	4/9/1982	4/9/1982	4/9/1982	4/9/1982	4/9/1982	Priority Date) X

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions.

Contact the Department at 503-986-0900 and ask for Transfer Staff. Do you have questions about how to fill-out the tables?

Table 2. Description of Changes to Water Right Certificate # Former 64775 (see attached reversion letter)

List the change proposed for the acreage in each ½ ½. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.	Twp Rng Sec 1/2 1/2 Lot	33 S 18 E 23 NE NE 1300 N/A 41.6 N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well 1,	33 S 18 E 23 NW NE 1300 N/A 41.4 N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well	33 S 18 E 23 SW NE 1300 N/A 38.8 N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well 1,	33 S 18 E 23 SE NE 1300 N/A 41.1 N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well	33 S 18 E 23 SE NW 1300 N/A 39.6 N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well	33 S 18 E 23 NE SW 1300 N/A 19.9 N/A SVE 1, SVE 2, 4/9/1982 Little Hot Well	33 S 18 E 23 NW SW 1300 N/A 6.3 N/A SVE 1, SVE 2, 4/9/1982	7100 1100 1100 1100 1100 1100 1100 1100
AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed. Changes (see	Twp Rng Sec 1/4 1/4 Lot DLC or DLC Certificate from Table 1) Tax Lot or DLC Certificate from Table 1) Type of USE POD(s) or "CODES" Type of USE POA(s) (name Priority from previous page)	APOA	APOA	APOA	APOA	APOA	APOA	APOA	11 11 11 11 11 11

Table continued on the next page

Additional remarks: Adding 3 POAs to this existing water right.

Permanent Transfer Application Form - Page 13 of 15

Revised 7/1/2013

TACS

SEP. 26 2014

OWRD

For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands?

Yes

No

N/A No POU change If YES, list the certificate, water use permit, or ground water registration numbers: - NA -Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application. For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation) - NA -Ground water supplemental Permit or Certificate # - NA -; Surface water primary Certificate # - NA -. For a change from Supplemental Irrigation Use to Primary Irrigation Use Identify the primary certificate to be cancelled. Certificate # - NA -For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation: Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and \boxtimes associated with the corresponding well(s) in Table 1 above and on the accompanying application Tip: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well log/Default.aspx AND/OR Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For proposed wells not yet constructed or built, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a

Table 3. Construction of Point(s) of Appropriation

information necessary to complete Table 3.

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

licensed well driller, geologist, or certified water right examiner to assist with assembling the

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). If less han full rate water right
INGILIDEL	((Yes or No)	L	цери	Diameter	(1001)	(Micrialo)				

Similar OWRD Groundwater reviews were completed under the Transfer T-11214 (GW review dated 5/16/2011) and for the recent drought temporary transfer application T-11860 (GW review dated 7/23/2014) RECEIVED

TACS

Attachment A

Transfer Application Map

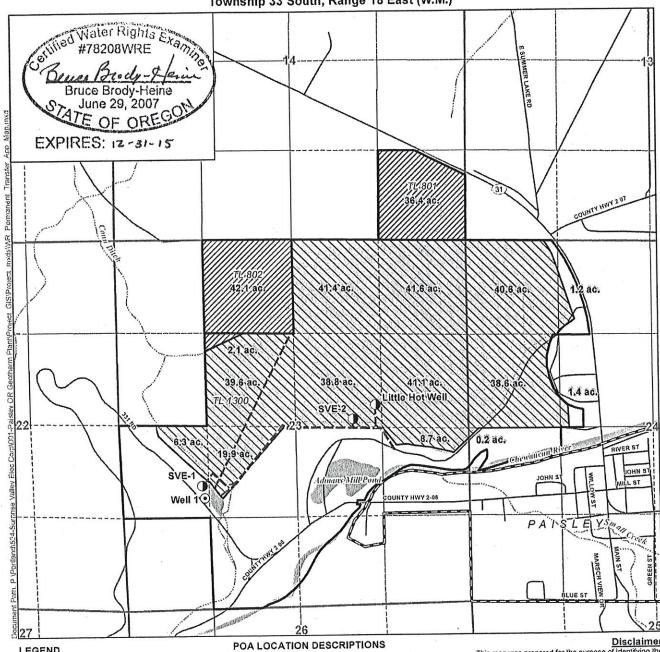
RECEIVED SEP 26 2014 OWRD

Recuird 2/26/15 gr

Water Right Transfer Map To Add Points of Appropriation Certificate 89355 & Former Certificate 64775

Colahan Enterprises

Township 33 South, Range 18 East (W.M.)



LEGEND

Authorized Point of Appropriation (APOA) \odot

Proposed

Place of Use (POU)

Certificate 89355

Former Certificate 64775 (new certificate # being issued)

All Other Features

- Distribution Pipeline

Paisley City Limits

Located 1,680 feet North and 1,240 feet East from the SW comer of Section 23, Township 33 South, Range 18 East (W.M.) / Roads . Watercourses

Waterbodies

Located 1,853 feet North and 1,208 feet East from the SW comer of Section 23, Township 33 South, Range 18 East (W.M.)

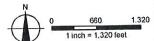
Located 2,665 feet North and 1,725 feet West from the SE corner of Section 23, Township 33 South, Range 18 East (W.M.)

Located 347 feet North and 1.386 feet West from the E1/4 comer of Section 23, Township 33 South, Range 18 East (W.M.)

This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

Map Notes

Date: February 26, 2015
Data Sources: OWRD, USGS, US BLM, ESRI
Prepared By: GSI Water Solutions, Inc.





Attachment B

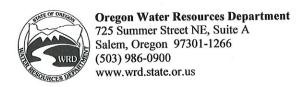
Evidence of Use Affidavit

RECEIVED

SEP 26 2014

OWRD

Application for Water Right **Transfer**



Evidence of Use Affidavit

	Please print le	gibly or t	ype. Be a Su	s specif pporting	ic as possi g docume	ible. Atta ntation m	ch additiona ust be attach	i pages ii you n ed.	geen more spacing.	
State o	f Oregon)) ss		Ti.				
County	of Lake)) 33						
, ERIN	Douglas, in m	y capac	ity as <u>Irı</u>	RIGATION	N MANAGE	<u>er</u> ,				
nailin	g address <u>PO I</u>	30X 300 I	PAISLEY	OR 976	<u> 36</u>					
eleph	one number (£	<u>541)943-3</u>	<u>341,</u> beir	ng first	duly swo	orn depo	se and say:			
l. M	y knowledge o	of the ex	ercise or	status	of the w	ater righ	t is based o	n (check one):	
	□ Person	onal obse	ervation			Profess	ional exper	tise		
2. I at	ttest that:									
\boxtimes	Water was u	sed duri	ng the p	revious	five yea	ars on the	entire pla	ce of use for	an an	
								EW CERT #); O		
	My knowledge is specific			the use	of wate	r at the f	ollowing lo		n the last five year	rs: 1
	Certificate #	Townsl	hip	Range	Mer	Sec	1/4 1/4	Gov't Lot or DLC	(if applicable)	
OR										4
	Confirming	Certific	ate #	has	been issu	ued with	in the past i	five years; O	R	
	Confirming Certificate # has been issued within the past five years; OR Part or all of the water right was leased instream at some time within the last five years. The									
	instream lea transfer was	se numb not leas	oer is: sed, addi	(No	ote: If the evidence	e entire r of use is	ight propos needed for	ed for r the portion	not leased instream	n.);
	non-use wo	uld be re	ebutted u	mder O	RS 540.	610(2) is	attached.		ption of forfeiture	for
	Water has b	een used	d at the a	ctual c	urrent po	oint of di	version or	appropriation	for more than	
	10 years for	Certific	cate #			es on reve		R	RECEIVED	
									SEP 26 2014	

3. The water right was used for: (e.g., crops, pasture, etc.): ALFALFA HAY AND PASTURE FOR LIVESTOCK.

4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

Signature of Affiant

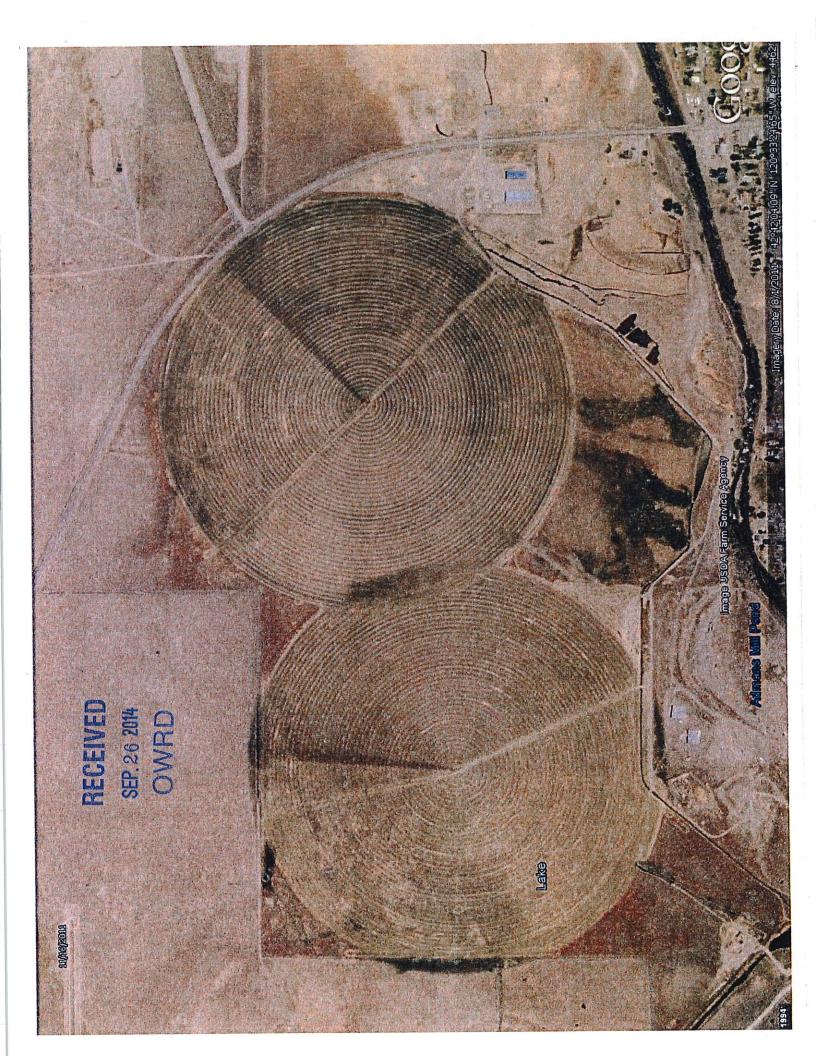
Signed and sworn to (or affirmed) before me this 16 day of September, 2014.

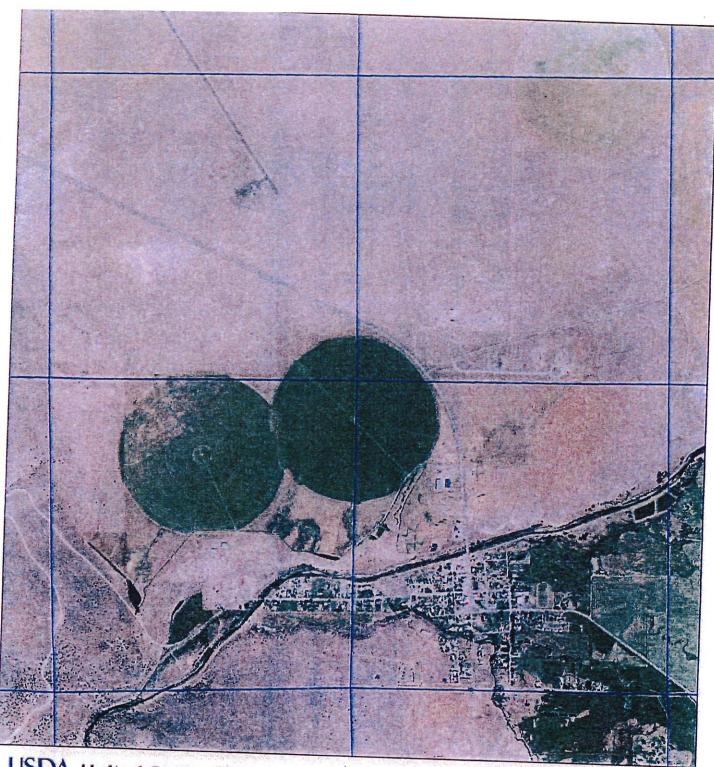


My Commission Expires: 5-17-2016

Supporting Documents	Examples
Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of confirming water right certificate that shows issue date
Copies of receipts from sales of irrigated crops or for expenditures related to use of water	Power usage records for pumps associated with irrigation use
	Fertilizer or seed bills related to irrigated crops
	Farmers Co-op sales receipt
Records such as FSA crop reports, irrigation	District assessment records for water delivered
district records, NRCS farm management plan, or records of other water suppliers	Crop reports submitted under a federal loan agreement
records of other water supplies	Beneficial use reports from district
	IRS Farm Usage Deduction Report
	Agricultural Stabilization Plan
*	CREP Report
Aerial photos containing sufficient detail to establish location and date of photograph	Multiple photos can be submitted to resolve different areas of a water right. If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added.
	Sources for aerial photos:
	OSU -www.oregonexplorer.info/imagery
'	OWRD – www.wrd.state.or.us
	Google Earth – earth.google.com TerraServer – www.terraserver.com
Approved Lease establishing beneficial use	Copy of instream lease or lease number
within the last 5 years	

RECEIVED SEP 26 2014







USDA United States Department of Agriculture Farm Service Agency



T33S,R18E. Sect: 13/14/23/24 2009 Imagery

Wetland Determination Identifiers

Restricted Use

Limited Restrictions Exempt from Conservation Compliance Provisions

Section Boundary

CLU Boundary

USDA FSA maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership, rather it depicts the information provided directly from the producer and/or the 2009 orthor ectified imagery for Oregon. The producer accepts the data has is and assumes all risks associated with its use Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact

1:18,521

February 18, 2011

Attachment C

Land Use Information Form

RECEIVED SEP. 26 2014 OWRD

Land Use Information Form



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900 www.wrd.state.or.us

Applicant(s): Colahan Enterprises

Mailing Address: PO Box 300

City: Paisley

State: OR

Zip Code: 97636

Daytime Phone: (541) 943-3341

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Fownship	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
	See atta	ched table				☐ Diverted	☐ Conveyed	☐ Used	
						☐ Diverted	☐ Conveyed	☐ Used	
						☐ Diverted	☐ Conveyed	☐ Used	13
						☐ Diverted	☐ Conveyed	☐ Used	S
Lake Co				4	diverted, conveyed, and				
ype of ap			h the Wate	er Resources r Right Transfe ation of Conse	er 🔲 Permi	t Amendment inge of Water	or Ground Wa	ter Registra	tion Modification
ype of ap	plication to t to Use or S ed Water Us	be filed with Store Water	h the Wate	r Right Transfe	er 🔲 Permi	inge of Water		ter Registra	tion Modification
Type of ap Permi Limite Source of	plication to t to Use or S ed Water Us water:	o be filed with Store Water se License	h the Water Water Alloc	r Right Transfe ation of Conse Ground Water	er Permi rved Water Excha	inge of Water	-	ter Registra	tion Modification
Type of ap Permi Limite Source of	plication to t to Use or S ed Water Us water:	o be filed with Store Water se License Reservoir/Pond	th the Water Water Alloc d 3.91	r Right Transfe ation of Conse Ground Water	er Permirved Water Excha	nge of Water name)] gallons per i	-	acre-feet	
Type of ap Permi Limite Gource of Y Estimated Intended u	plication to t to Use or S ed Water Us water: quantity of use of water	o be filed with Store Water se License Reservoir/Pond f water needed ::	th the Water Water Alloc d 3.91 ion [ipal]	r Right Transfe ation of Conse Ground Water Cu Commercia Quasi-Muni	r Permirved Water Excha	name)] gallons per i Don	ninute	acre-feethouseho	
Type of ap Permi Limite Gource of Sestimated Intended u	plication to t to Use or S ed Water Us water: quantity of use of water	o be filed with Store Water se License Reservoir/Pond f water needed ::	th the Water Water Alloc d 3.91 ion [ipal]	r Right Transfe ation of Conse Ground Water Cu Commercia Quasi-Muni	er Permirved Water Excha	name)] gallons per i Don	ninute	acre-feethouseho	
Type of ap Permi Limite Gource of Y Estimated Intended u	plication to t to Use or S ed Water Us water: quantity of use of water	o be filed with Store Water se License Reservoir/Pond f water needed ::	th the Water Water Alloc d 3.91 ion [ipal]	r Right Transfe ation of Conse Ground Water Cu Commercia Quasi-Muni	r Permirved Water Excha	name)] gallons per i Don	ninute	acre-feethouseho	
Type of ap Permi Limite Source of Settimated Intended u	plication to t to Use or S ed Water Us water: quantity of use of water	o be filed with Store Water se License Reservoir/Pond f water needed ::	th the Water Water Alloc d 3.91 ion [ipal]	r Right Transfe ation of Conse Ground Water Cu Commercia Quasi-Muni	r Permirved Water Excha	name)] gallons per i Don	ninute	acre-feethouseho	

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. \rightarrow

RECEIVED

SEP 26 2014

OWRD

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box bel	ow and provide the requested infor	<u>mation</u>				
Land uses to be served by the proposed water your comprehensive plan. Cite applicable or	dinance section(s): Lake Co. Zoring one.	1-2 2006) AR	ticle 3.			
☐ Land uses to be served by the proposed water listed in the table below. (Please attach document Record of Action/land-use decision and accomperiods have not ended, check "Being pure pure land to be a served by the proposed water listed in the table below. (Please attach document listed in the table below.)	mentation of applicable land-use approvals wi ompanying findings are sufficient.) If approv a	nich nave aireac	ly been obtained.			
Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	(e.g., plan amendments, rezones, conditional-use Ordinance Section References					
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued			
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued			
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued			
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued			
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued			
Local governments are invited to express special regarding this proposed use of water below, or of the special	on a separate sheet.					
Name: Dadur Thuson In.	Title:	Roming D	PRECTOR			
Name: Datur Thron In. Signature: Aske Court Rame	Phone: <u>541-947-66</u>	036 Date: 2	22 SEPT 2014			
Note to local government representative: Pl sign the receipt, you will have 30 days from the Form or WRD may presume the land use associated the second seco	e Water Resources Department's notice date to	return the com tible with local	comprehensive plans.			
Receipt	for Request for Land Use Inform					
Applicant name:						

RECEIVED

Phone:_____ Date: _____

SEP. 26 2014

OWRD

WR/FS

City or County:_____ Staff contact: ____

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
<u>33 S</u>	<u>18 E</u>	<u>23</u>	NW SW	1300		☑ Diverted	□ Conveyed	☑ Used	<u>Irrigation</u>
33 S	<u>18 E</u>	<u>14</u>	SE SE	<u>801</u>		☐ Diverted	□ Conveyed	☑ Used	<u>Irrigation</u>
<u>33 S</u>	<u>18 E</u>	<u>23</u>	<u>NE NW</u>	<u>802</u>		☐ Diverted	□ Conveyed	☑ Used	<u>Irrigation</u>
<u>33 S</u>	<u>18 E</u>	<u>23</u>	SE NW	<u>1300</u>		☐ Diverted	□ Conveyed	☑ Used	<u>Irrigation</u>
<u>33 S</u>	<u>18 E</u>	<u>23</u>	NW SE	1300		☑ Diverted	☑ Conveyed	☐ Used	<u>Irrigation</u>
33 S	<u>18 E</u>	<u>23</u>	SW NE	1300		☑ Diverted	□ Conveyed	☑ Used	<u>Irrigation</u>
33 S	18 E	23	NE NE	1300	, iii iii ii	Diverted	☑ Conveyed	☑ Used	Irrigation
<u>33 S</u>	18 E	<u>23</u>	NW NE	1300		Diverted	☑ Conveyed	☑ Used	<u>Irrigation</u>
33 <u>S</u>	<u>18 E</u>	<u>23</u>	SE NE	1300		Diverted	■ Conveyed	☑ Used	<u>Irrigation</u>
33 S	<u>18 E</u>	<u>23</u>	NE SW	1300		Diverted	□ Conveyed	☑ Used	<u>Irrigation</u>
33 S	18 E	<u>23</u>	NE SE	1300		Diverted	☑ Conveyed	☑ Used	<u>Irrigation</u>
33 S	18 E	<u>24</u>	NE NW	1300		Diverted		☑ Used	<u>Irrigation</u>
33 S	18 E	24	NW NW	1300		☐ Diverted		☑ Used	Irrigation
<u>33 S</u>	<u>18 E</u>	24	SW NW	1300		Diverted		☑ Used	<u>Irrigation</u>
<u>33 S</u>	<u>18 E</u>	24	<u>SE NW</u>	1300		Diverted	☑ Conveyed	☑ Used	<u>Irrigation</u>
33 S	18 E	<u>24</u>	NW SW	1300		Diverted		☑ Used	Irrigation

RECEIVED SEP 26 2014 OWRD

Attachment D

Well Logs

RECEIVED

SEP 26 2014

OWRD

Colahan's Transfer Application Water Wells

Well Name	OWRD Water Well Log Number
Existing POA	
Hot Well	LAKE 1627 & 4448
Additional POAs	
Little Hot Well	LAKE 1628 & 1626
SVE -1	LAKE 52530
SVE-2	LAKE 52529

RECEIVED SEP. 26 2014 OWRD

TICE TO WATER WELL CONTRACTOR	0	20	
The original and first copy of this copy to E I V WALER WE	ILL REPORT - for WW }	<u> ५५</u> /	1
WATER RESOURCES DEPARTMENT, OT SA 1990 STATE QU	OREGON 11/82 State Well'No	75/2	18E-2306
within 30 days from the date	of or print) State Fermit	No. /	5-9765
of well completion WATER RESCURCES TO Edit write	above this line) well #		the second section of the sect
(1) OWNER.	(10) LOCATION OF WELL:		
Name Post Colaban () 162)			**
Address Bod 89 P.J. C. Dale			
94131	Bearing and distance from section or subdivise	R. 18/=	<u>w.w.</u>
(2) TYPE OF WORK (check)!	See and disputes 541971 specials or subdivis	non corner	· · · · · · · · · · · · · · · · · · ·
New Well Despening Reconditioning Abondon			
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed v	vell.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 69 0		74 tt.
Jetted Domestic Industrial Municipal	Static level /2" ft, below land	surface. Date	Det 23.8
☐ Bored ☐ Irrigation F Test Well ☐ Other ☐	Artesian pressure lbs. per squa	re inch. Date	,
(5) CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well		12/ hare
AG Dism. from Q tt. to 22 ft. Gage 1250	atmitaint or Matt	below casing	1574
Dism. from ft. to ft. Gage			183 n.
" Dism. from ft. to ft. Gage	Formation: Describe color, texture, grain size and show thickness and nature of each stratu	the and accide	
(6) PERFORATIONS: Perforated? Yes Prop.	with at least one entry for each change of forms position of Static Water Level and indicate prin	tion Dannut .	anh ahamas to
Type of perforator used	MATERIAL	1	
Size of perforations in by in.	Brun Top soil		7 SWL
perforations from	Bolom Buelt & Bon B.		28
perforations from	Booking BrigaBin rocks		8/
perforations from ft to ft.	170 W/M seem.	3.0	
(7) SCREENS: Well screen installed? Yes 2No	The state of the s	181 2	10
Manufacturer's Name	90 = 60	25/ 28	5/
Type Model No.	med head all	296 54	
Diam. Slot size Set from ft. to ft. Diam. Slot size Set from ft. to ft.	rul had then Blue at l.	291 29	
	arm shel	297 33	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	720 Ht water	330 72	20
a pump test made? Ves WNo II yes, by whom?	- Alaboration	720 1	75
Yield: gal./min. with tt. drawdown after hrs.	Hard Charles Line	-	10
" The second sec	Stand Strel-	800 98	
" the same of the	MAR 2 1 ZUTI		
test 860 gal./min. with ft. drawdown after / hrs.	WATER RESOURCES E	FPT	
Arresian flow g.p.m.	SALEM DREGON	-	
Temperature of water 220 Depth artesian flow encountered ft.	Work started 1950 Complete	150 22	1980
(9) CONSTRUCTION:		000 27	1980
Well seal-Material used	Drilling Machine Operator's Certification:		
Well sealed from land surface to3/	This well was constructed under my	direct sur	pervision.
Diameter of well bore to bottom of seal 1 in.	Materials used and information reported best knowledge and belief,	above are t	true to my
Diameter of well bore below seal 15 1 75 30 10 75- 983	[Signed] Ston of adding	Date CZA	23000
Number of sacks of cement used in well seal	(Drilling Machine Operator) Drilling Machine Operator's License No		
de la contraction de la contra	Dittalle Operator & Dicense No	()	
	Water Well Contractor's Certification:	>	
	This well was drilled under my jurisdic true to the best of my knowledge and belie	tion and thi	is report is
Was a drive shoe used? Yes WNo. Plugs Size: location	Name Life Commence and bent	24.	
Old any strata contain unusable water? Yes The	(Person, firm or corporation)	(Type or	print)
Type of water? depth of strata	Address 41. 1 God H44 Hulis	HT) CH	17/33
Method of sealing strata off	(Signed) Tyle Oleme		
	(Water Well Contra	N /1 -	
	Contractor's License No. 69.0 Date 6		, 19.2
(USE ADDITIONAL SHI	EXE IF NECESSARY)		SF*45656-119

NOTICE TO WATER WELL CONTRACTO The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

ROSS

(2) TYPE OF WORK (check): Deepening 🔲

If abandonment, describe material and procedure in Item 13.

NINE Diam, from the to the ft. Gage

in. by

Set from

Set from

476

669

570

Address Bayen Pars / 84

(3) TYPE OF WELL:

Driven []

Jetted D

(b) CASING INSTALLED:

....." Diam. trom

(6) PERFORATIONS:

16.5.6 perforations from ..

1840 perforations from

... perforations from ...

Was a pump test made? Yes | No If yes, by whom?

gal./min. with

gal./min. with

g.p.m. Temperature of water 212 Depth artesian flow encountered

NOT

Was a drive shoe used? Yes No Plugs Size: location ft.

depth of strata

Size of gravel:

Type of perforator used

Size of perforations

(7) SCREENS:

Manufacturer's Name

Diam. Slot size

(8) WELL TESTS:

Diam. Slot size

1584

Bailer test

rian flow

(9) CONSTRUCTION:

Well sealed from land surface to Diameter of well bore to bottom of seal

Diameter of well bore below seal Number of sacks of cement used in well seal

Number of sacks of bentonite used in well seal

Did any strata contain unusable water? \(\subseteq \text{Yes} \subseteq \text{No} \)

Number of pounds of bentonite per 100 gallons

Was well gravel packed? ☐ Yes ☐ No

Well seal-Material used

Brand name of bentonite ...

Method of sealing strata off

Type of water?

Gravel placed from _

(1) OWNER:

New Well

Rotary 🗆

Name



Reconditioning

(4) PROPOSED USE (check):

Threaded | Welded |

ft. Gage ...

Irrigation 🗆 Test Well 🕱 Other

Factory 1/8" × 4"

..... ft. to

Well screen installed? Yes No

......... Model No.

Drawdown is amount water level is lowered below statio level

ft. drawdown after A

DISTURBE

ft. drawdown after

.... ft. to

ft. to _.

758

hrs. #

669

Abandon |

App. 6-10791 weell #1

WATER WELL REPRECE STATE OF OREGON

(Please type or print) (Do not write above the line) RESOURCES DEPT

OCT 2 1981 State Permit No.

(10) LOCATION OF WELL: County Driller's well number 5 F 14 5 4 14 Section 2 3 T. 33 5 R. 18 Bearing and distance from section or subdivision corner (11) WATER LEVEL: Completed well. Depth at which water was first found ft. below land surface. Date 9-22-8 Domestic | Industrial | Municipal | Static level 145 Artesian pressure lbs. per square inch. Date (12) WELL LOG: Diameter of well below casing . Depth drilled 0 ft. Depth of completed well 70 th. Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata. MATERIAL From INSTALLED Liner only LINEW X8 Flom 592 70 770 1375 wall X12 70 640 1/411 616 To Lines BUT BUTL LINEY LAS ERIG hrs. SALF Work started 17 # 19 8/ Completed .19 8 Date well drilling machine moved off of well 19 8/ Drilling Machine Operator's Certification: This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. Drilling Machine Operator's License No. Water Well Contractor's Certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Name Land ownie Board # BBD 221 4815 (Person, firm or corporation) Address BOX 89) Pais/s [Signed] Contractor's License No. Date

(USE ADDITIONAL SHEETS IF NECESSARY)

... Ibs./100 gals.

9-29-8/ SP-45656-118

NOTICE TO WATER WELL CONTRACTOR WATER WELL REPORT The original and first copy of this report are to be filed with the 7 196 STATE OF OREGON 33/18-23G STATE ENGINEER, SALEM 10, OREGON within 30 days from the date of well completion. State Permit No. ... (1) OWNER: (11) WELL TESTS: Drawdown is amount water level is lowered below static level Name Ross Colohan Was a pump test made? M Yes \(\subseteq No \) If yes, by whom? Contractor Address Paisley, Oregon Yield: 150 gal./min. with 83 ft. drawdown after 3 (2) LOCATION OF WELL: ,, Bailer test County Lake gal./min. with Driller's well number ft. drawdown after ME M Section 23 Artesian flow SW T. 33S g.p m. Date R. 18 E W.M. Bearing and distance from section or subdivision corner Temperature of water 104 Was_a_chemical analysis made?

Yes $1\frac{1}{2}$ miles NW of Paisley, Oregon (12) WELL LOG: Diameter of well below casing8 Depth drilled 315 ft. Depth of completed well 315 Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation. MATERIAL (3) TYPE OF WORK (check): soil zone, gravelly Well A Deepening [Reconditioning [Abandon [loose gravel and sand, med.3 bandonment, describe material and procedure in Item 12. clay&sand, brown (4) PROPOSED USE (check): volcanic gravel & clay, (5) TYPE OF WELL: gravel, med. scepage of wat92 Domestic 🗌 Industrial 🗎 Municipal 🗎 ☐ Driven ☐ Rotary gravel & clay, brn. Cable Jetted Irrigation X Test Well | Other Dug □ Bored med. gravel & brn. 110 (6) CASING INSTALLED: hard-packed sand and clay, Threaded [1112 16 "Diam from 0 ft. to 270 ft. Gage . 250 soft sandy clay, brown sticky clay & gravel, brn. loose gravel, fine waterbe boulders & clay, gray 125 (7) PERFORATIONS: sandy clay , brown Perforated? X☐ Yes ☐ No Type of perforator used Mills fine gravel, waterbearing 176 Size of perforations sticky clay & gravel, gray in, by 1400 perforations from 100 ft. to 240 182 fine sand, white, waterbe 194 perforations from clay & gravel, brn. 199 perforations fromft. to fine sand, wht. & pink, wat 220 perforations from ft. to sandy clay & gravel, fine perforations from med. gravel, waterbearing 230 sticky clay, brn. (8) SCREENS: Well screen installed Yes No basalt rock w/ clay string Manufacturer's Name ers. brown Model No. Slot size Set from ft. to Work started 3/7/64 19 Completed 4/3 Date well drilling machine moved off of well (9) CONSTRUCTION: (13) PUMP: Well seal-Material used in seal __puddled_clay Depth of seal ______ft. Was a packer used? ______ Manufacturer's Name Diameter of well bore to bottom of seal22 Were any loose strata cemented off?

Yes X No Depth Water Well Contractor's Certification: Was a drive shoe used XXYes 🗌 No This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Was well gravel packed? | Yes X No Size of gravel: Gravel placed from ft. to ft. NAME Jack Stooksberry, Jr. (Type or print) Did any strata contain unusable water? Tes I No

hrs.

,,

hrs.

35

92

94

110

112

118

121

124

125

159

176

182

194

199

220

225

230

234

298

315

Address Route 2, Box 47 Lakeview, Ore.

Drilling Machine Operator's License No.45

Stookberry (Water Well Contractor)

1964

1964

Contractor's License No. 211 Date 4/3 19 64 (USE ADDITIONAL SHEETS IF NECESSARY)

Type of water?

Static level 83

Artesian pressure

Method of sealing strate off

(10) WATER LEVELS:

Denth of strata

ft. below land surface Date 4/3/64

lbs. per square inch Date

STATE OF OREGON

WATER WELL REPORT (as required by ORS 537.765)

(1) OW	1) OWNER: Owner's Well Number: Owner's Well Number:										
Address P	.0. I	ox				n c -		Zip 976	36		
City Pais	ely				State 0	reg	3.	Zip 970	=		
(2) TYI	11	2 Dee	pen 🗆	Recond	lition		☐ Ab	andon			
(3) DR			tary Mud		Cable	[Oth	er	31 I		
(4) PR	ic [munity	Indust		50	Irriga	tion	`		
') BORE HOLE CONSTRUCTION: Depth of Completed Well 415 ft. Special Standards date of approval											
Liameter	OLE From	То	Material	SEAL From	То		86	Amount acks or pour	nds		
300	306	430	xxx	not d	list	urt	ed				
						_					
How was se		d? Meth	nod	□в	c		l D C] E			
Other_			ft. to	ft	. Ma	teria	ıl	1.0			
Gravel place	ed from	'	ft. to	ft.			gravel_				
(6) CA											
П	iamete 81	r Fro	m To	Gauge . 188		Pl	lastic	Welded T	hreaded		
Liner:											
Final locat	THE RESERVE TO PERSONS ASSESSMENT										
) PE	RFO	RAT	IONS/S								
	Perforati	ons	Method		-		one				
	Screens	OI.	Type				Materia e/pipe	N			
rom	То	~		er Diar	neter		ize	Casing	Liner		
			-	-		_		H			
-		_	-	_							
		1000	TS: Mini		testi:	ng t	ime	is 1 hour Flowin			
∐ I Yield g	oump al/min	200	Bailer		orill st	em a	ıt	Time			
50		-	100	-	415			1 hr	144		
			100 m				11.	- 11			
Tempera Was a wa	ter anal	ysis don ntain w	ater not suite	es By	whom .	d use	no ? 🗆 1	ow Found			
Salty Depth of	□м	uddy [Odor 🗆	Colored	0	ther .	no				

0	١	10	1	10
\forall	ol		2	W
U'	•	IR) "	

(9) LOCATION OF WELL by le	gal des	eripti	on:	sc
County Lake Latitude	<u>" "</u> L	ongitude .		
Township 33S N or S, Range	181	<u> </u>	E or W, V	VM.
Section 23 SW 4	NE_	_1/4		
Tax Lot Lot Block		Subdiv	ision	
Street Address of Well (or nearest address)				
CONTRACTOR WASTED I FUEL				
(10) STATIC WATER LEVEL: 120 ft. below land surface.		Date 1	dar.	18-87
Artesian pressurelb. per s	quare inch.	Date_		
(11) WELL LOG: Ground elevation	unki	lown		
Material	From		WB?	SWL
Hard Grey Basalt	306	329	77 1	
Mild Brown Lava	329	331		
Hard Grey Basalt	331	337		
Mild Brown Lava	337	339		
Broken Lava, W/B	339	3 53	WB-	
Hard Basalt	353	360	100,000	
White Clays	360	375		
Brown & Blue Clays	375	430	-	
	430	432		
Brown & Blue Clays	400	7.12	4	
			le le	
		100	100	
			Q 14 UNIO	
	-			
				-
3 11				
				12
	4.0			
	1	-		
		RE	CEI	VED
	-	0 6 6-	YLI	MED
	-	OF	20-	0000
	+	SE	126	2014
		0	W/E	20
	1		AAI	
Date started	mpleted		T9-8	
(unbonded) Water Well Constructor (Jertifica	tion:		
I constructed this well in compliant standards. Materials used and information	nce with	Oregon	well co	nstruction to my best
standards. Materials used and information knowledge and belief.	r reporce	. 45576		,,
Signed ATT MAN		Date	Mar	· 22 -8
(bonded) Water Well Constructor Cer	rtification	n:	L. Carrie	
I accept responsibility for construct	tion of th	is well	and its	complianc
with all Oregon water well standards. T	his repor	t is true	to the	best of my
knowledge and belief.	0	/	/m0_0	7
Signed	En -	Date_	4-3 - 0	
Company Orvail Buckner Well	Dril	Li.18 0	NJ.nc	

WELL I.D. # L ___

	ND OV				Well No	umber S V	E #		F WELL by legal	description:		
Name_	Sola	han	Enterpri	ses				County LAK	ELatitude	10.5	Longitude	
City	o class	OOK	300	State C	R	Zin	97636	Township 33	S_N or SRang	e 18E	E • W.	WM.
	PE OF			State C	-	Z.IV	11000	Section 33	1/4		1/4	
M New	Well [Deener	ning □Alte	ration (rene	ir/recondi	tion) [] Ah	endonment		LotBlo			
	_	-		The state of the s		trany (1710)		Street Address of	Well (or newest addres SW COTNET of) _ a,050 tt	N & 1,3	370 ft
	RILL M		ש: yMud □ 0	Cable DA	waer			(10) STATIC WAT		STERON	<u> </u>	
	r		,		1080			The property of the control of the c	below land surface.		Date	
The same of the sa	OPOSE		č:						lb. per	square inch	Date	
, .,		AUGUSTA CONTRACTOR	unity 🗆 Inc	dustrial 🗆	Irrigatio	on		(11) WATER BEA	A STATE OF THE PARTY OF THE PAR	,		
Ther	mal [Injecti	on Li	vestock [Other_							
			ONSTRUC					Depth at which water	was first found			
			oroval ☐ Ye: ☐ No Type					From	То	Estimated	Flow Rate	SWL
Explosi	HOLE	☐ tes	□ NO Type	SEAL	^	mount						
Diamete	T From	To	Materia		Τb	Sacks or po	nunda					
	-			4	-							-
	0	1360		0	900							-
	-			-	-							
How wa	e seat nis	ced:	Method		B	C D	DE	(12) WELL LOG:				
	2 30ai pii							Gro	und Elevation			
			ft. to	ft.	Materi	alla		Mate	rial	From	To	SWL
Gravel p	laced fro	m	ft. to	ft.	Size of	gravel						
	SING/L											
	Diameter	From		uge Steel	Plastic	Welded	Threaded					
Casing: _		-		🛚								
ī	33/81	1						See attach	ed_			
<u>.</u>	376	- 0										
Liner: _		+-	+								-	
LWW		+]					
Drive Sh Final loc	noe used	Insid	e 🗌 Outsid	e None								
(7) PE		TIONS	SCREEN Method_	S:							-	
	reens		Туре		_ MINI	erial						
		Slot	781 R		Tele/plp	ie						
From	То	size	Number	Diameter	alze	Casing	Liner					
			+		-]}				\vdash
	0-1		1-1			_ 🛮					-	
100												
		_						Day street				
8) WE	LL TES	TS: M	linimum te	sting time	e is 1 ho	Plow	ina	Date started	Com	pleted		
Pur	np	☐ Ba	iler	☐ Air		☐ Artes						
Yield	aVmla	Dra	wdows	Drill ste	m at	n	M14	SOURCE O	E DATA/INI	ΕO		
						1	hr.					
~1,0	00	-				1-		File T-11				
								File LL-1	150			
Cemperal	ure of w	ater	De	pth Artesia	n Flow I	Found						
			? Yes	•		AND A STATE OF THE		COMPUED	DV. C			
			er not suitabl				o little	COMPILED				
•			Odor 🗆		Other				OWRD	Groundwa	Let Sec	ben
Depth of	strata:							- 1 - 22 -	1 1 1			
								DATE: 22:	LUL 2014			

LITHOGRAPHIC DESCRIPTION OF OIL OR GAS WELL

(Not required if a mud log is submitted)

STATE OF OREGON • DEPT OF GEOLOGY & MINERAL INDUSTRIES • 229 BROADALBIN ST SW • ALBANY OR 97321

(In compliance with rules and regulations pursuant to ORS 520.)

(1) Permittee Information

Name	Surprise Valley Electrification Corp.
Mailing Address	516 US Hwy 395 E
City/State/Zip	Alturas, CA 96101
Telephone	530.233.3511
Fax	530.233.2190
Email	lynnsvec@frontier.com
Prepared by	Lynn Culp, Silvio Pezzopane, Roy Mink, Kyle Makovsky

(2) Well Information

Well No. SVE #1 36-037-90009 Lake 448 DOGAMI ID No.

RECEIVED

SEP 26 2014

OWRD 5/29/2012

Signature

General Manager Title

Date

Well Cu		Description
From	То	
0	40	Brown clay soil and gravelly sand
40	75	Brownish-grey rounded mixed volcanic (basalt, rhyolite, andesite, tuff, pumice) gravel, qtz-rich sand
75	105	Grey quartz-rich sand, with thin brown and grey clay beds, Water Bearing (WB)
105	150	Greyish-brown mixed volcanic gravel, qtz-sand, and clay, WB
150	165	Brown mixed volcanic (basalt, rhyolite, andesite) gravel, rounded sand and clay
165	175	Brown clayey sand and mixed gravels
175	225	Blackish grey basalt gravel, w/ sand and clay beds, WB
225	240	Blackish grey to brown basalt and andesite gravel, and sand
240	305	Varicolored mixed volcanic (basalt, rhyolite, andesite, tuff) gravel and sand, w/ brown clay beds
305	360	Brown gravelly sand and brown clay beds
360	390	Varicolored (grey, brown, black, red, green) basalt, rhyolite, andesite gravel, sand, and brown clay, WB
390	415	Brownish grey and red volcanic gravel, sand, and clay, WB
415	435	Varicolored mixed volcanic gravel (basalt, rhyolite, andesite, tuff), rounded, reddish brown sand and clay
435	490	Varicolored coarse volcanic gravel, rounded, red to brown sand, brown sticky clay beds
490	530	Varicolored volcanic pebble gravel, rounded, w/ sand and reddish brown sticky clay
530	540	White calcite, black and grey basalt andesite, red rhyolite, red and grey tuff w/ brownish red sticky clay
540	575	Red sticky clay ash, vesicular and fiberous pumice clasts, minor sand, grey pebbles
575	640	Red and grey tuffs w/ altered vesicles, minor grey to greenish to black basalt, andesite, rhyolite, WB?
640	675	Red rhyolite tuff and grey andesite w/ altered vesicles, greenish basalt, blades of calcite
675	715	Light grey basalt, reddish brown and green alteration stains, altered vesicles, pyrite, euhedral calcite and quartz
715	715	Light greyish green rhyolite, reddish brown to dark purple basalt?, altered vesicles, pyrite, calcite and quartz
715	795	Dark greenish grey andesite?, dark purplish brown basalt, minor light red and white tuff, rare euhedral quartz
795	870	Dark grey to brown basalt w/ white pumice chunks, rare red and white tuff cinders, rare euhedral quartz
870	905	Dark greenish grey to dark purplish brown basalt, few pumice, rare euhedral and calcite quartz
870	903	Grey to white calcite flakes, possible fracture zone?
905	920	no rock data - lost circulation, samples floated up during trip out
920	950	Brown sticky slick clay ash, large (<2 cm dia.) euhedral calcite chunks, red cinders and pumice, dries hard
950	1000	Purple, grey, and brown lithic tuff, poorly-welded?, soft waxy, sticky ashy clay, small calcite and quartz crystals
1000	1050	Green, grey, and brown andesite, alteration stains, red lithic tuff, cinders?, large euhedral calcite and quartz crystals
1050	1080	Dark greenish grey andesite, reddish purple stains, hard, fine-grained, large euhedral calcite flakes (fractures?)
1080	1100	no data - no returns
	1100	Red, grey, white, and brown lithic tuff or volcaniclastic sediment (depth uncertain, samples floated up during cleaning
1100	1120	no data - no returns - lost circulation
1100	1120	Dark greenish grey andesite, reddish purple clay? stains, hard, fine-grained, red lithic tuff w/ euhedral quartz crystals,
1120	1120	(depth uncertain, sample picked out of the drill collar)
1120	1133	no data - no returns
1133	1133	Reddish brown, lithic tuff, poorly-welded?, sticky clay, dries hard, small calcite and quartz crystals (depth uncertain, sample stuck to the drill bit face)
1133	1235	no data - no returns
1235	1315	Dark greenish grey andesite, red lithic tuff, euhedral quartz crystals, (depth uncertain, sample stuck to the bailer)
1315	1360	no data - no returns
1313	1360	- Total Depth

WELL 1.D. # L_

				_								
	ND OV		Enterpri	401	Well N	umber_S\	E#a		F WELL by legal	description:		
			300					County LAK	Latitude SN or S Rang	105	Longitude	
City			300		10	7in	97636	Township 33	N or(S)Rang	e_ (8E	Eor W.	WM.
	-	-		JAKE (712	Zap	11606		1/4.			
	PE OF			teration (repai					Lot Blo			
PATHEM	Well L	Deeper	ning LI Al	teration (repai	r/recondi	tion) LIAD	andonment	Street Address of	Well (or nearest addres	a) 2,665 ft	N & 1.7	as ft L
	ILL M							trem	SE colner of	section	93	
			y Mud	Cable A	luger			(10) STATIC WAT	ER LEVEL:			
Othe	1100	9.0							elow land surface.		Date	
	OPOSE						-	Artesian pressure	lb. per	square inch	Date	
				rdustrial 🔲				(11) WATER BEA	RING ZONES:			
				ivestock [Other_			D				
			INSTRU				1260 -	Depth at which water	was first found			
				es 🗆 No De				From	To	Estimated	Flow Rate	SWL
Explosi		☐ Yes	□ No Typ	SEAL	^	mount						
Diameter	HOLE	Тъ	Materi	0.000	Ть	g						
Districtor	LION	L."	IMMEN	1 1000	10	Sacks or p	Orman					
	0	1260		10	495							
								(12) WELL LOG:				
How wa	s seal pla	ced:	Method		B	C DD	DE		ind Elevation			
☐ Other												
			fl. to_		Materi			Mate	riat	From	То	SWL
Gravel p	laced fro	m	ft. to_	ft	Size of	gravel						
(6) CAS	SING/L	INER:										
	Diameter	Fron	1 1	auge Steel	Plastic			I				
Casing: _		+-		<u> </u>				See attack	ed			
ī	33/8/1	10										
<u>.</u>	3-18.	10										
-				<u></u>								
Liner: _		+	+								1.	
Deive Sh	00 11504	- Ineid	a Coute	de None								
				GE C ITORE								
		-	SCREE									
	rforation		Method_									
□ 30	reens		Туре		iviat	crial						
		Slot			Tele/plp							
From	То	size	Number	Diameter	nize	Casing	Liner					
			-		_		_					
	-		-		_							
-			-									
		=			_			l				
(8) WEI	LL TES	TS: M	linimum 1	esting time	e is 1 he	our		Date started	Com	pleted		
□ Pun	1D	□Ba	iler	□Air		Plow ☐ Artes						
Yield g	90 0 000 000		wdown	Drill ster	on at		lane	2 200				
	-			1			hr.	SOURCE O	F DATA/IN	FO		
~ 2 00	~					+						
~ 3,00						+		File T	-11860			
									- 1450			
Temperate	ure of wa	ter		epth Artesia		ound						
Was a wa	ter analy	sis done	? □ Ye	s By whom	·—			COMPLED	DV: C			
				ble for intend		0.000	o little	COMPILED				
3.50				Colored [Other				QWRD	Groundwa	iter Secl	700
Depth of	strata:											
	200					0 823	22-23	DATE	aa Jul	a014		

LITHOGRAPHIC DESCRIPTION OF OIL OR GAS WELL (Not required if a mud log is submitted)

STATE OF OREGON • DEPT OF GEOLOGY & MINERAL INDUSTRIES • 229 BROADALBIN ST SW • ALBANY OR 97321

(In compliance with rules and regulations pursuant to ORS 520.)

(1) Permittee Information

Name	Surprise Valley Electrification Corp.	
Mailing Address	516 US Hwy 395 E.	
City/State/Zip	Alturas, CA 96101	
Telephone	530.233.3511	
Fax	530.233.2190	
Email	lynnsvec@frontier.com	
Prepared by	Lynn Culp, Kyle Makovsky, Roy Mink, Silvio Pezzopane	

(2) Well Information

Well No. SVE #2

DOGAMI ID No. 36-037-90027 Lake 1628

RECEIVED

SEP 26 2014 OWRD

General Manager

5/29/2012

Signature

Title

Date

(3) Well Cuttings

De	pth	Description							
From	То								
0	40	Brown clay soil and gravelly sand							
40	60	Light brown ash fragments, reddish rhyolite, black basalt, minor calcite/quartz							
60	80	Light brown/grey ash, red rhyolite, black basalt, cinders, rounded grains, black and red cuttings magnetic							
80	105	Light grey/brown ash, red rhyolite, black basalt, rounded grains, chert and obsidian magnetic							
105	125	Light grey/brown ash, red rhyolite, black basalt, rounded grains, purple, orange alteration, green stone							
125	155	Grey/brown ash, red rhyolite, black basalt, rounded grains, black and grey chips magnetic, light tan pumice fragment							
155	185	Grey/brown ash, red rhyolite, black basalt, magnetic, white/grey pumice green stone, minor alteration stains							
185	210	Grey/brown rhyolite, red rhyolite with alteration, black basalt, white/grey pumice							
210	245	Grey/brown rhyolite, red rhyolite, black basalt, light brown pumice							
245	300	Grey/brown rhyolite, red and brown rhyolite, black basalt, pumice, rounded grains							
300	340	Brown/grey rhyolite, rounded w/ some alteration, light grey tuff, black basalt/rhyolite; light grey tuff, feldspar chip							
340	360	Grey/light brown rhyolite, dark grey/black rhyolite, light red/yellow altered rhyolite, some chips rounded							
360	410	Grey/brown rhyolite, dark grey/black basalt, light red/yellow altered rhyolite, grey/white pumice, rounded pebbles							
410	420	Black basalt, light brown rhyolite, some alteration							
425	430	no data - no returns							
435	460	Black basalt, light brown/grey rhyolite, red altered rhyolite							
460	465	Fine sand of light brown/grey rhyolite, black basalt/rhyolite; light brown/red altered rhyolite							
465	475	Light brown/grey rhyolite, black basalt/rhyolite, yellow/red altered rhyolite							
475	490	Large amount fine sand, smaller cuttings are same as above with white alteration/pumice							
490	510	Altered tuff, light grey to reddish brown to dark brown, waxy texture, amorphous silica present							
510	530	no data - no returns							
530	565	Dark to light gray basalt, andesite, white and green alteration minerals							
565	620	Porphyritic basalt and andesite, pink/dark green/white alteration, opaline quartz, amorphous silica, calcite rhombs							
620	695	Dark gray, green, purple, and red basalt, amorphous silica, euhedral quartz, and calcite in vesicles							
695	710	Porphyritic andesite, opaline quartz							
710	790	Gray green and red basalt, altered, fibrous banded white mineral, calcite rhombs, crystalline and opaline quartz							
790	800	Olivine rich basalt, little alteration							
800	815	Porphyritic andesite and basalt rock, highly altered, clear crystalline quartz, banded alteration							
815	845	Amygdaloidal basalt, amygdules are green, white banded, botryoidal texture, calcite grains							
845	890	Gray basalt, little to no alteration							
890	905	Vesicular/amygdaloidal basalt, high amount of crystalline quartz filling vesicles							
905	920	Basalt with pyrite mineralization							
920	930	Gray basaltic andesite							
930	960	Gray/red/purple basalt, calcite rhombs, some amygdaloidal calcite							
960	1010	Dark gray and green basalt, calcite rhombs							
1010	1070	Highly altered vesicular/amygdaloidal basalt, pyrite mineralization, dark green/white/pink alteration minerals							
1070	1260	no data ~ no returns							
	1260	~ Total Depth							

RECEIVED SEP. 26 2014 OWRD

Attachment E

Recorded Deeds

1967 EN .:	<u> 56910</u>	SYNVER	
			735
KNOW AYY, M	RN BY THESE PRESENTS. T	Dat H. EEOR 141	ORIS COLAHAN
husband and wife	• • • • • • • • • • • • • • • • • • • •		
regented a service of the contract of	. hereinafte	called the grantor, for the consid	leration hereinatter stated,
to grantor paid byC	OLAHAM ENTERPRYSES THE	an Oregon corporation.	in the Ameleo
		Tall the same and the same	sinalter called the frautse,
does hereby gram, burg	pla, sell and convey unto the sa	id frantee and frantee's beirs, so and apputiesances thereanto before	meind or more deining. sit-
certain real property, w	ith the tenements, personaments	and State of Ozogon, described a	tollows. to-wit:
unted in the County of	TOTAL WINDOWS	And State in Ologon, sussing a	
EE qidanwoT	South, Range 16 Bast of	the Willamette Meridian	
Section 23:	NET, SETNWI, SETSWI, SWI	az excepting deed record	ed in Book 53
	at page 635 of Record	of Deeds.	
	n1sw1	- 17 - 11 - 53 July 11	web of the
	That portion of NESSES	of said Section 23 lying N ing therefrom that portion	of said WRISR!
	chewattan kiver, except	Morthwest Townsite Compa	iv to Kittie
,	Loveland recorded in Boo	ok 52 at page 593 of the R	spord of Deeds.
Bection 24:	NAMES SWIMES, NWS. EXCH	epting a tract of land con	reyed to State []
	of Oregon in Book 79 at	page 395 of Record of Dee	is and highway
	right-of-way.	- 1 1 04 1-2 W	auth as the
	That portion of NWISWA	of said Section 24 lying N	anting therefrom
	extension or will street	in Paialey, Oregon, exc retofore conveyed by North	vest Townsite
	Company and its produce:	saces in interest recorded	in Book 44 at
	Page 95. Book 51 at bade	44 10. 432 and S49; Book 5	2.at page 593;
	Book 53 at page 147; Bor	ok 56 at page 504, Book 62	at page 386 of
	the Record of Deeds.	•	14
Section 26:	hwłneł .		
SUBJECT TO a	11 reservations, restrict	tions, easements and right	enchalf of All Fig.
pparent on the gro	und, including, but not	limited to, reservation of	one many or all yes,
sal, oil and other	· snp-sne factor wayscays conv	ne thermal the whole to take	and removed
To Have and to	Hold the same unto the said fre	intee and grantee's beirs, successor	and suigns forever.
And said drantm	r hereby covenants to and with a	raid frances and frances a horre, a	TOCOMOUS WINT WINNESSON THE !
grantor is lawfully sein	ed in fee simple of the above gr	ented premises, free from all end	Motbuces
***************************************	and a second se	The second secon	
		and that grantor will warrant ar	d torover detend the above
sented premises and e	very part and parcal thereof ser	ainst the lawful claims and deman	da of all paraona whomas-
the state of the state	and any of the chance of marting of	ace embrancos	
ma	and the standard and for the	tennedar stated in lating of dollar	as, is \$ 1 to think is
OHowever, the actual	consideration consists of or inclu	des other property or value giv	an or produced source is
the whole consideration	((indicate Which). [©]		
In constraing the	is deed and where the context ac	requires, the ringular includes the	10 8/
WITWESS gran	lor a band this	of appril	, 33-342
H Toda HC	delan		
			.4
Narial C	olahan	Mary party	
STATE OF OREGON	Museland Take) 55	n , a/
	1 County in	-, //-	0_1
Parsonally appar	ared the above namedROSS	H. Colahan and Dorid Cola	2 1 19.8/
Parsonally appear	ared the above namedROSB	H. Colahan and Dorid Cola	1+1+111+1+1+1+1+1+1+1+1+1+1+1+1+1+1+1+
Parsonally appear	ared the above namedROSB	H. Colahan and Darid Cola	1+1+111+1+1+1+1+1+1+1+1+1+1+1+1+1+1+1+
Parsonally appear	ared the above namedROSS	H. Colahan and Darid Cola	1+1+111+1+1+1+1+1+1+1+1+1+1+1+1+1+1+1+
Parsonally appear	ared the above namedROSB	H. Colahan and David Color bo volunta	ary not and deed.
Parsonally appeared on the control of the control o	ared the above namedROSS- edged the foregoing instrument to Helore a	H. Colahan and Dazid Color be volunta Notary Public for Oregon My commission expires	7-10-82-
Parsonally appeared on the control of the control o	ared the above namedROSS- edged the foregoing instrument to Helore a	H. Colahan and Dazid Color be volunta Notary Public for Oregon My commission expires	7-10-82-
Parsonally appeared on the control of the control o	ared the above namedROSS- edged the foregoing instrument to Helore a	H. Colahan and Dazid Color Do volunta Notary Public for Oregon	7-10-82-
Pareonally appearance of the second of the s	ared the above namedROSS- edged the foregoing instrument to Helore a	H. Colahan and Dazid Color be volunta Notary Public for Oregon My commission expires	er not and deed. AND 7-10-82- The second
Pareonally appearance of the second of the s	ned the above namedROSS- edged the foregoing instrument to Heloro a	Notary Public for Oregon My commission expires	or not and deed. Aux 7-10-82- The INT feeded leader. OREGON,
Pareonally appearance of the control	ned the above namedRoss- edged the foregoing instrument to Helore a	II. Collaban and Dassid Collection of the Volunta Notary Public for Oregon My commission expires while the County of STATE OR County of	or not and deed. Aux 7-10-8 z- and by he 1997 (peods tentes. OREGON, On R.
Parsonally apparatus of the control	ned the above namedRoss- edged the foregoing instrument to Heloro a Heloro a Je mink O, II - 1 - 100 - 111, and he de and floris. Collaban.	H. Colahan and David Colors be volunta Notary Public for Oregon Notary Public for Oregon Notary Public for Oregon STATE OR County on L confi	or not and deed. ANN -10-82-
Parsonally apparent of the party of the part	ned the above namedRoss- edged the foregoing instrument to Helore a	H. Collaban and David Collection be voluntary Public for Oregon My commission expires while the Country of Country of L corting of L corting of L corting of L corting was read to ment was read to the control of L corting was read to the cor	or not and deed. AND 7-10-82 The War INV feeded tenden. OREGON, by that the withdra instru- variety for record on the
Parsonally apparatus of the control	ned the above namedRoss- edged the foregoing instrument to Heloro a Heloro a Je mink O, II - 1 - 100 - 111, and he de and floris. Collaban.	Notary Public for Oregon My commission expires STATE OF County of ment Was re	or not and deed. ALL OREGON, Or to the within instru- scrived for record on the LUGULLOL 1984.
Parsonally apparation of the party of the pa	ned the above namedRoss- edged the foregoing instrument to Heloro a Heloro a Je mink O, II - 1 - 100 - 111, and he de and floris. Collaban.	Notary Public for Oregon My commission expires STATE OR County of ment was re Statishing and day County of Count	or not and deed. ALL OREGON, Or Lot the within instru- scrived for record on the Luffilloth, 1984, o'clock M., and recorded
Parsonally apparation of the party of the pa	ned the above named Ross- edged the foregoing instrument to Helore a H	Notary Public for Oregon STATE OR County or I confirmed was re STATE OR County or I confirmed was re Stay of Stay	or not and deed. ALL OREGON, Or to the within instru- scrived for record on the LUGULLOL 1984.
Parsonally apparation and schemes are schemes and schemes and schemes and schemes are schemes are schemes and schemes are sche	ared the above named Rose- edged the foregoing instrument to Helore a	H. Colahan and David Colors be volunta Notary Public for Oregon Notary Public for Oregon Notary Public for Oregon STATE OR County of L continued to the continuent was reconstructed to the continuent was	or act and deed. If JE Z. All We is 1807 feeded testes. OREGON, If that the wilden instructive for record on the instructive for record on the instructive for the instructive for recorded wighten No. J. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.
Parsonally apparation of the control	need the above named Rose- edged the foregoing instrument to Helore a	M. Collaban and David Collection be voluntal vol	or act and deed. AND
Parsonally apparation of the control	need the above named Rose- edged the foregoing instrument to Helore a	M. Colahan and David Colors Do Volunta Notary Public for Oregon My commission expires STATE OF County of ment was ment was in book recl. And the control of the cont	or not and deed. AND
Parsonally apparation of the control	med the above named Rose adject the foregoing instrument to Helore a Helore a man with the second se	M. Colahan and David Colors Do Volunta Notary Public for Oregon My commission expires STATE OF County of ment was ment was in book recl. And the control of the cont	or act and deed. OREGON, If that the within instructive of a record on the state of the state
Parsonally appear of the particular of the parti	ared the above named Rose added the foregoing instrument to Hefore a Hefo	Notary Public for Oregon Notary Public for Oregon My commission expires STATE OF County of ment was a day of state of the control of the control	or act and deed. OREGON, It that the within instructive for record on the state of the fill of the f
Parsonally apparation of the control	ared the above named Rose added the foregoing instrument to Hefore a Hefo	Notary Public for Oregon Notary Public for Oregon My commission expires STATE OF County of ment was a day of state of the control of the control	or act and deed. OREGON, It that the within instructive for record on the state of the fill of the f
Parsonally apparation and other comming arise let a colaban Enterprise corporation sawrite and and size and and and size and and size and and and size and and and size and and and and and size and	med the above named Rose- edged the foregoing instrument to Hefore a Hefore a Hefore and head he described he de Hefore an Aregoin He name and address	Notary Public for Oregon Notary Public for Oregon My commission expires STATE OF County of ment was a day of state of the control of the control	or act and deed. OREGON, It that the within instructive of a record on the state of the state

RECEIVED SEP. 26 2014 OWRD

PORM No. 724 BANGAIN AND SALE OCED (Inveloped by Corporate).	Ø 11	THE COME STREET OF THE SECOND STREET, AND SECOND ST
		ED IN ANY FORM OR BY ANY ELECTRONIC OR MECHANICAL MEANS.
Ross A. Colaham		STATE OF OREGON, Rahe }s.
— Paisley, OR 97636	0000010	40/ my 11 million market 1 million marke
Calahan Enthaprises, Inc.	6800948	I certify that the within instrument was received for record on
PO Box 300	F	
Paistoy, OR 97636	,	book/reel/volume No. 275 on page 63%.
After recording, rathers to (Phone, Asistema, Dipj:	BPACE RETERVED FOR	and/or as fee/file/instrument/microfilm/reception No. 00 9 4 5
Colainn Huterprises, Inc. PO Box 300	RECORDERS USE	Witness my hand and seal of County affixed.
Paisley, OR 97636		train Mes - Cal
Unit requested ofference, cond off me amendments to obtain, Address, Esp.: Colaban Hutaryrises, Inc.		MULE DRUGE CHEK
PO Box 300		By Mouria Merchia, Deputy
Paisley, OR 97636		By Mruica Meldrey, Deputy.
		12/09/
	RGAIN AND SALE DEED	
KNOW ALL BY THESE PRESENTS that	Ross A. Coluban	
hereinafter called graptor, for the consideration hereinaft Colehan Enterprises, inc.	er stated, does hereby g	ment, bargain, sell and convay unto
bereinafter called grantee, and unto grantee's heirs, succ		1
inaments and apportenances thereunto belonging or in a		
State of Oregon, described as follows, to-wit:		
Township 33 South, Range 18 Rest of the Williams	te Meridian	
Section 14: SEXSEX Section 23: NEXNWX		
SECTION 23: NESSAN W71		
<i>X</i>		
		8
	•	
*		
		2
THE STANCE WILLIAMS	CIENT, CONTINUE DESCRIPTION	ON REVERBE
To Have and to Hold the same unto grantee and	grantea's heirs, succes	sors and assigns forever.
The true and actual consideration paid for this in	ensfer, stated in terms (of dollars, is \$ \$40,000 . O However, the
, actual consideration consists of or includes other proper which) consideration. © (The sentence between the symbols ©, I		
In constraing this deed, where the context so rea	prints, the singular incl	indes the plural, and all grammatical changes shall be
made so that this deed shall apply equally to corporation	ns and to individuals.	
IN WITNESS WHERE 2009-001110 has executed its name to be algorithm.	uted this instrument on med and its seal, if any	affixed by an officer or other person duly authorized
REPORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON THE	ANSFERPING ()	as Ca Da Var
195.300, 195.301 AND 195.306 TO 185.396 AND SECTIONS 6 TO 11, C OREGON LAWS 2007, THIS WAS TRUMENT DOES NOT ALLOW USE OF TH	HAPTER 424 LE PROPERTY	
DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND UP REGULATIONS, BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT,	selaws and The person	
ACQUIRING FEE TITLS TO THE PROPERTY SHOULD CHECK WITH THE A	PPROPRIATE	
TRANSFERRED IS A LAWFIELLY ESTABLISHED LOT ON PARCEL, AS DES 92.010 OR 215,010, TO VERIFY THE APPROVED USES OF THE LOT OF	INED IN ORS	
DETERMINE ANY LIMITS ON LAWSLITS AGAINST EXPANIEND OF FOREST P OFFIXED IN ORS 30.930, AND TO INDUIRE AROUT THE RIGHTS OF I	RAUTICES, AS REIGHBORING SE TO 106 354	
DO dO SO DY CROSE OT ILS DOGRED OF CUPECOUS. ESPORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON THE PET TITLE SHOULD INCHINE ABOUT THE PERSON'S RIGHTS, IP ANY, 195.300, 196.301 AND 195.306 TO 195.396 MO SECTIONS 5 TO 11, C OREGON LAWS 2007. THIS INSTRUMENTS DOES NOT ALLOW USE OF THE DESCRIBED IN THIS INSTRUMENT IN YOULTON OF A PELCAR ELAND USE OF THE DESCRIBED IN THIS INSTRUMENT, ACQUIRING ERE TITLE TO THE PROPERTY SHOULD CHECK WITH THE ACQUIRING OF THE TOT OF THE PROPERTY SHOULD CHECK WITH THE ACCOUNTY PLANNING DEPARTMENT TO VERY THAT THE WITH THE ACCOUNTY PLANNING DEPARTMENT TO VERY THAT THE WITH THE ACCOUNTY OF A SHOULD SH	Lake Rahe	\
, , , , , , , , , , , , , , , , , , , ,	acknowledged before a	me on July 8, 2007
by Ross Colake	ZAL-	
	acknowledged before i	ne on
. by	No. OFFICE OF ASSESSMENT	on protes the pastings of the land
of		
CHICAL SEA.	911	ica widnes
MONICA WEIDNER	Notate Pobl	ic for Oregon
A EMPERSON NOTARY PUBLIC-DREGION W		sion expires June 12 2010
COMMESTON NO. 407078 NY COMMESTON EXPARES JUNE 12, 2010	, **********************************	438
Company and the second		ו מרלו

RECEIVED SEP. 26 2014 **OWRD**

RECEIVED SEP 26 2014 OWRD

Attachment F

T-11214 Reversion Letter



September 15, 2014

Kelly Starnes Transfer Program Advisor Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301

RE:

Request to Revert the Remaining Portion of Transfer T-11214

(former Certificate 64775)

Mr. Starnes:

On January 10, 2012, the Oregon Water Resources Department (Department) approved Transfer Application T-11214, filed by Colahan Enterprises. The original Transfer T-11214 authorized additional points of appropriation associated with Certificate 82230 and Certificate 64775 – adding Wells 2, 3 and 4 as new points of appropriation. Transfer T-11214 did not authorize a change in the character of use or place of use.

I request that the Department revert the remaining Certificate 64775 (2.9 cfs) associated with Transfer T-11214 back to Well 1, the original point of appropriation. The location for Well 1 was clarified and is most accurately described in the transfer final order.

I appreciate your attention to this request. Please feel free to contact me with any questions in regards to this request.

Sincerely,

Cc

Erin K. Douglas

Secretary, Colahan Enterprises

RECEIVED

SEP 26 2014

OWRD

Lynn Culp – Surprise Valley Electrification Corp. Bruce Brody-Heine – GSI Water Solutions, Inc.

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 # 89355

Description of Water Delivery System System capacity: 1.01 cubic feet per second (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. Approved POA has 100HP turbine well pump that pumps water into a bulge (pond) that has 2 40HP turbine pond pumps. Water is pumped to 2 center pivots, various wheel lines, and flood irrigation sites.

SVE-1 has a 200HP turbine well pump, and SVE-2 has 300HP turbine well pump. Water is pumped from SVE-1 through 2600' of 12" diameter pipe to the intersection with the discharge line from SVE-2 (200' of 12" line), then the combined water is moved through 820' of 16" diameter pipe from intersection of SVE-2 to Power Plant. A controlled volume of water is diverted from the the power plant to the bulge in the system through a 3200' 12" in diameter line. The Little Hot well has a 25HP submersible pump and water from this well is piped into the onsite irrigation line.

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.)

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)	Τ·	wp	R	ng	Sec	V4 V4		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1 (Hot Well)	✓ Authorized✓ Proposed	LAKE 1627, 4448	33	S	18	E	23	NW	SW	1300	1680' N and 1240' E from the SW corner of Section 23.
SVE 1	☐ Authorized ☐ Proposed	LAKE 52530	33	S	18	E	23	NW	SW.	1300	2,050' N and 1,370' E from the SW corner of Section 23.
SVE 2	☐ Authorized ☐ Proposed	LAKE 52529	33	S	18	E	23	NW	SE	1300	2,665' N and 1,725' W from the SE corner of Section 23.
Little Hot Well	☐ Authorized ☐ Proposed	LAKE 1628, 1626	33	S	18	E	23	sw	NE	1300	310' N and 1270' W from the E 1/4 corner of Section 23

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):								
	Place of Use (POU)		Supplemental Use to Primary Use (S to P)					
	Character of Use (USE)		Point of Appropriation/Well (POA)					
	Point of Diversion (POD)	\boxtimes	Additional Point of Appropriation (APOA)					
	Additional Point of Diversion (APOD)		Substitution (SUB)					
	Surface Water POD to Ground Water		Government Action POD (GOV)					
	POA (SW/GW)		RECEIVED					

OWRD

wm an	of the proposed changes affect the entire water right:	
X Yes	Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. "CODES" listed above to describe the proposed changes.	Use the
П No	Complete all of Table 2 to describe the portion of the water right to be changed.	

Part 5 of 5 - Water Right Information

Super Seed SEP. 26 2014

OWRD

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 # Former 64775 (OWRD reverting T-11214 and issuing new certificate as part of this Transfer application- see attached letter)

Description of Water Delivery System

System capacity: 2.90 cubic feet per second (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. Approved POA has 100HP turbine well pump that pumps water into a bulge (pond) that has 2 40HP turbine pond pumps. Water is pumped to 2 center pivots, various wheel lines, and flood irrigation sites.

SVE-1 has a 200HP turbine well pump, and SVE-2 has 300HP turbine well pump. Water is pumped from SVE-1 through 2600' of 12" diameter pipe to the intersection with the discharge line from SVE-2 (200' of 12" line), then the combined water is moved through 820' of 16" diameter pipe from intersection of SVE-2 to Power Plant. A controlled volume of water is diverted from the the power plant to the bulge in the system through a 3200' 12" in diameter line. The Little Hot well has a 25HP submersible pump and water from this well is piped into the onsite irrigation line.

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.)

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)	T	wp	R	ng	Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1 (Hot Well)	✓ Authorized✓ Proposed	LAKE 1627, 4448	33	S	18	E	23	NW	sw	1300	1680' N and 1240' E from the SW corner of Section 23.
SVE 1	☐ Authorized ☐ Proposed	LAKE 52530	33	S	18	E	23	NW	sw	1300	2,050' N and 1,370' E from the SW corner of Section 23.
SVE 2	☐ Authorized ☐ Proposed	LAKE 52529	33	S	18	E	23	NW	SE	1300	2,665' N and 1,725' W from the SE corner of Section 23.
Little Hot Well	☐ Authorized ☐ Proposed	LAKE 1628, 1626	33	S	18	E	23	sw	NE	1300	310' N and 1270' W from the E 1/4 corner of Section 23

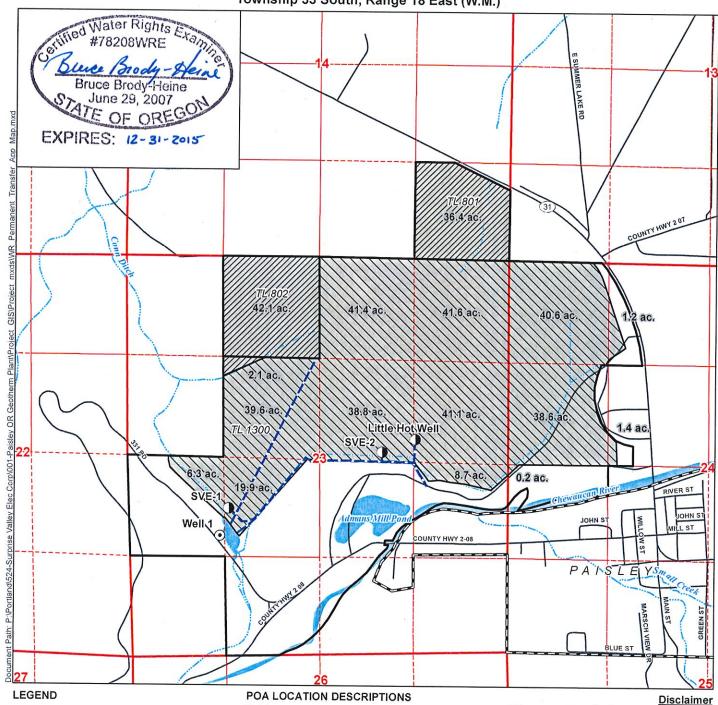
Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):						
	Place of Use (POU)		Supplemental Use to Primary Use (S to P)			
	Character of Use (USE)		Point of Appropriation/Well (POA)			
	Point of Diversion (POD)	\boxtimes	Additional Point of Appropriation (APOA)			
	Additional Point of Diversion (APOD)		Substitution (SUB)			
	Surface Water POD to Ground Water POA (SW/GW)		Government Action POD (GOV)			

Will all of the proposed changes affect the entire water right?							
X Yes	Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. "CODES" listed above to describe the proposed changes.	Use the					
☐ No	Complete all of Table 2 to describe the portion of the water right to be changed.						

Water Right Transfer Map To Add Points of Appropriation Certificate 89355 & Former Certificate 64775

Colahan Enterprises

Township 33 South, Range 18 East (W.M.)



Authorized Point of Appropriation (APOA)

Proposed APOA



Certificate 89355



All Other Features

Distribution Pipeline Paisley City Limits



Roads

Watercourses

Waterbodies

Located 1,680 feet North and 1,240 feet East from the SW corner of Section 23, Township 33 South, Range 18 East (W.M.)

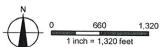
Located 2,050 feet North and 1,370 feet East from the SW corner of Section 23, Township 33 South, Range 18 East (W.M.)

Located 2,665 feet North and 1,725 feet West from the SE corner of Section 23, Township 33 South, Range 18 East (W.M.)

Located 310 feet North and 1,270 feet West from the E1/4 corner of Section 23, Township 33 South, Range 18 East (W.M.)

RECEIVED

SEP. 26 2014 OWRD





<u>Disclaimer</u>

This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

Map Notes

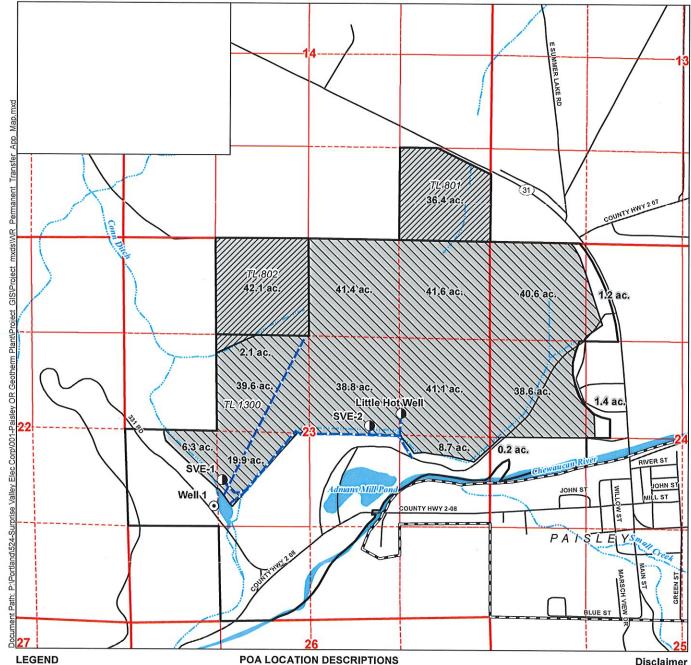
Date: September 16, 2014
Data Sources: OWRD, USGS, US BLM, ESRI Prepared By: GSI Water Solutions, Inc.

SUPUSeedel

Water Right Transfer Map To Add Points of Appropriation Certificate 89355 & Former Certificate 64775

Colahan Enterprises

Township 33 South, Range 18 East (W.M.)



Authorized Point of 0 Appropriation (APOA)

Proposed APOA Place of Use (POU)

Certificate 89355

Former Certificate 64775



(new certificate # being issued)

All Other Features



 Distribution Pipeline Paisley City Limits



Tax Lots

Watercourses

Waterbodies

Located 1,680 feet North and 1,240 feet East from the SW corner of Section 23, Township 33 South, Range 18 East (W.M.) SVF-1

Located 2,050 feet North and 1,370 feet East from the SW corner of Section 23, Township 33 South, Range 18 East (W.M.)

Located 2,665 feet North and 1,725 feet West from the SE corner of Section 23, Township 33 South, Range 18 East (W.M.) Little Hot Well

Located 310 feet North and 1,270 feet West from the E1/4 corner of Section 23, Township 33 South, Range 18 East (W.M.)

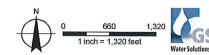
RECEIVED

SEP 26 2014 OWRD

Disclaimer
This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

Map Notes

Date: September 16, 2014 Data Sources: OWRD, USGS, US BLM, ESRI Prepared By: GSI Water Solutions, Inc.



RECEIPT#	STATE OF OREGON WATER RESOURCES DEPAR 725 Summer St. N.E. Ste. A SALEM, OR 97301-4172 (503) 986-0900 / (503) 986-0904 (fr	INVOICE#	
RECEIVED FR	ROM: OSI Water Solutions	APPLICATION	
BY:		PERMIT	
CASH:	CHECK!# OTHER (IDENTITIO	TRANSFER	7-11894
	CHECK: (IDENTIFY)	TOTAL REC'D	\$ 1800 20
1083	TREASURY 4170 WRD MISC CASH	ACCT	
0407	COPIES 1.4.4.1 A.F.		\$
	OTHER: (IDENTIFY)		\$
0243 I/S	Lease 0244 Muni Water Mgmt, Plan 0	245 Cons Water	
St. Xeesen Child	4270 WRD OPERATING		
\$2.500 mm (100 mm)	MISCELLANEOUS		
0407	COPY & TAPE FEES		s 7
0410	RESEARCH FEES		\$
0408	MISC REVENUE: (IDENTIFY)		\$
TC162	DEPOSIT LIAB. (IDENTIFY)		\$
0240	EXTENSION OF TIME		\$
	WATER RIGHTS: EXAM FEE	<u> </u>	RECORD FEE
0201	SURFACE WATER \$	0202	\$
0203	GROUND WATER \$	0204	\$
0205	TRANSFER \$ \$ \$ \$ 100 A	7-	
	WELL CONSTRUCTION EXAM FEE		LICENSE FEE
0218	WELL DRILL CONSTRUCTOR \$	0219	\$
	LANDOWNER'S PERMIT	0220	\$
	OTHER (IDENTIFY)		
0536	TREASURY 0437 WELL CONST. STA	RT FEE	
0211	WELL CONST START FEE \$	CARD#	
0210	MONITORING WELLS \$	CARD#	
	OTHER (IDENTIFY)		
0607	TREASURY 0467 HYDRO ACTIVITY	LIC NUMBER	
0233	POWER LICENSE FEE (FW/WRD)		s
0231	HYDRO LICENSE FEE (FW/WRD)	Aaria aa a	\$
			\$ 25.5
No. approximately 1	_ HYDRO APPLICATION	Decenie	Ψ 30 2012 - 21301
	TREASURY OTHER / RDX	CHULINE COTUR	- S ₁₀ 0
FUND	TITLE		UNIER
OBJ. ÇOD	DE VENDOR #		
	PTION		\$
A P	12520 0/1/2/1/		b
RECEIPT: 🎎	.13538 DATED: 1/4/// BY:	1 HUMOS	
Dis	tribution – White Copy - Customer, Yellow Copy - Fiscal, Blue	Copy - File, Buff Copy	r-Fiscal