



State of Oregon
Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900

Application for Permit Amendment

Part 1 of 5 – Minimum Requirements Checklist

This permit amendment 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.

Check all items included with this application. (N/A = Not Applicable)

- ☒ Part 1 – Completed Minimum Requirements Checklist.
- ☒ Part 2 – Completed Application Map Checklist.
- ☒ Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and 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 Permits to be Amended: **Number of permits to be amended: 1**
List the Permits here: G-17749 (Attachment A)
Please include a separate Part 5 for each permit. (See instructions on page 6)
- ☒ Completed Permit Amendment Application Map (Does not have to be prepared by a Certified Water Right Examiner). ([Attachment B](#))
- ☐ ☒ N/A Request for Assignment Form and statutory fee. The request for assignment form has to be completed if the applicant is **not** the permit holder of record and needs to be assigned to the permit; **or** the landowner of the proposed place of use is **not** the permit holder of record and needs to be assigned to the permit (the Request for Assignment Form is available online at <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>). Assignment is not needed if the applicant is the permit holder of record.
- ☐ ☒ N/A Affidavit(s) of Consent are required from all permit holder(s) of record if the permit is not assigned to the applicant **or** other permit holders of record that are not listed as applicants.
- ☒ ☐ N/A Oregon Water Resources Department's Land Use Information Form with approval and signature (or signed land use form receipt stub) from each local land use authority in which water is to be diverted, conveyed, and/or used. 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. ([Attachment C](#))
- ☒ ☐ N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation. ([Attachment D](#))
- ☐ ☒ N/A Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500 feet from the surface water source and more than 1000 feet upstream or downstream from the point of diversion. (ORS 540.531(2) or (3)).

(For Staff Use Only)

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

- | | |
|--|---|
| <input type="checkbox"/> Application fee not enclosed/insufficient | <input type="checkbox"/> Map not included or incomplete |
| <input type="checkbox"/> Land Use Form not enclosed or incomplete | <input type="checkbox"/> Part _____ is incomplete |
| <input type="checkbox"/> Additional signature(s) required | |

Other/Explanation _____

Staff: _____ 503-986-0 _____

Date: ____/____/____ **RECEIVED**

Part 2 of 5 – Permit Amendment Map Checklist

Your permit amendment application will be returned if any of the map requirements listed below are not met.

Please be sure that the map you submit includes all the items listed below and meets the requirements of OAR 690-380-3100, however, the map does not have to be prepared by a Certified Water Right Examiner. Check all boxes that apply.

- ☐ ☒ N/A If **more than three** permits are involved, separate maps for each permit.
- ☒ Permanent quality printed with dark ink on good quality paper.
- ☒ The size of the map can be 8½ x 11 inches, 8½ 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.
- ☒ A north arrow, a legend, and scale.
- ☒ The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, 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.
- ☒ Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- ☒ Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- ☒ 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 main pipelines, canals, and ditches.
- ☒ Existing place of use that includes separate hachuring for each water use permit, 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. If less than the entirety of the permit is being changed, a separate hachuring is needed for the portion of the permit left unchanged.
- ☒ ☐ N/A If you are proposing a change in place of use, show the proposed place of use with hachuring that includes separate hachuring for each permit, 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.
- ☒ 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 use permit.
- ☒ ☐ N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location 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°).

Part 3 of 5 – Fee Worksheet

FEE WORKSHEET for PERMIT AMENDMENT			
1	Base Fee (includes one type of change to one permit for up to 1 cfs)	1	\$1,160
2	Types of change proposed: <input checked="" type="checkbox"/> Place of Use <input checked="" type="checkbox"/> Point of Diversion/Appropriation Number of above boxes checked = <u>2 (2a)</u> Subtract 1 from the number in line 2a = <u>1 (2b)</u> <i>If only one change, this will be 0</i> Multiply line 2b by \$930 and enter » » » » » » » » » » » » » » » »	2	\$930
3	Number of permits included in Permit Amendment <u>1 (3a)</u> Subtract 1 from the number in 3a: <u>0 (3b)</u> <i>If only one permit this will be 0</i> Multiply line 3b by \$520 and enter » » » » » » » » » » » » » » » »	3	0
4	Do you propose to add or change a well, or change from a surface water POD to a well? <input type="checkbox"/> No: enter 0 » <input checked="" type="checkbox"/> Yes: enter \$410 »	4	410
5	Do you propose to change the place of use? <input type="checkbox"/> No: enter 0 on line 5 » <input checked="" type="checkbox"/> Yes: enter the cfs for the portions of the permits to be amended (see example below*): <u>17.8 (5a)</u> Subtract 1.0 from the number in 5a above: <u>16.8 (5b)</u> If 5b is 0, enter 0 on line 5 » If 5b is greater than 0, round up to the nearest whole number: <u>17 (5c)</u> and multiply 5c by \$350, then enter on line 5 » » » » » » » » » » » » » » » »	5	\$5,950
6	Add entries on lines 1 through 5 above » » » » » » » » » » Subtotal:	6	\$8,450
7	Is this permit amendment: <input type="checkbox"/> necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932? <input type="checkbox"/> 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 » If no box is applicable, enter 0 on line 7 » » » » » » » » » » » » » » » »	7	0
8	Subtract line 7 from line 6 » » » » » » » » » » Permit Amendment Fee:	8	\$8,450

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

1. For irrigation calculate cfs for each permit involved as follows:
 - a. Divide total authorized cfs by total acres in the permit (*for S-12345, 1.25 cfs ÷ 100 ac*); then multiply by the number of acres to be changed to get the application cfs (*x 45 ac = 0.56 cfs*).
 - b. If the water right permit 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 S-87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs*)
2. Add cfs for the portions of permits on all the land included in the application; however **do not count cfs for supplemental permits on acreage for which you have already calculated the cfs fee for the primary permit on the same land**. The fee should be assessed only once for each "on the ground" acre included in the application. (*In this example, blank 5a would be only 0.56 cfs, since both permits serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0*).

Part 4 of 5 – Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME Western Development Group LP Thomas A. MacDonald			PHONE NO. 541-943-3192 541-943-3104	ADDITIONAL CONTACT NO.
ADDRESS PO Box 40 (Western Development Group LP) PO Box 87 (Thomas MacDonald)				FAX NO.
CITY Summer Lake	STATE OR	ZIP 97640	E-MAIL	
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.				

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

CO-AGENT /BUSINESS NAME GSI Water Solutions, Inc. Attn. Bruce Brody-Heine			PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS 147 SW Shevlin Hixon Dr, Suite 201				FAX NO.
CITY Bend	STATE OR	ZIP 97702	E-MAIL bbheine@gsiws.com	

CO-AGENT/BUSINESS NAME JORDAN RAMIS PC ATTN. STEVE SHROPSHIRE			PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS 360 SW Bond St, Suite #510				FAX NO.
CITY Bend	STATE OR	ZIP 97702	E-MAIL Steve.Shropshire@jordanramis.com	

CO-AGENT/BUSINESS NAME All Points Engineering & Surveying, Inc. Attn. Scott D Montgomery			PHONE NO. 541-548-5833	ADDITIONAL CONTACT NO.
ADDRESS PO Box 767				FAX NO.
CITY Terrebonne	STATE OR	ZIP 97760	E-MAIL scott@apeands.com	
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.				

Explain in your own words what you propose to accomplish with this permit amendment; and why:
The permit amendment updates the well description locations for Wells #1 through #8 to more accurately reflect the location of these wells; and adds two new POAs that are intended to serve as replacement wells for the current Wells #1 through #4 that are beginning to fail; and adds additional fish raceways to the permitted place of use.

If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

☐ Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

Is the applicant the permit holder of record? ☐ Yes ☒ No

If NO, include either:

- ☒ A completed assignment form (with required statutory assignment fee), assigning all or a portion of the permit to the applicant(s), (an assignment form is being submitted that will be completed on a parallel track to this application)
- ☐ An affidavit of consent from the permit holder(s) of record that gives permission for the applicant to amend the permit.

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Has the Completion ("C") Date of the permit(s) in this application expired? ☐ Yes ☒ No

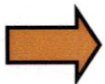
If YES, this application will not be accepted by the Department.

If NO, what are the completion dates of the permit(s)? October 1, 2020 (per Extension Final Order issued 7/28/17)

- If the permit completion date expires while the Permit Amendment Application is pending, the Department will not approve the Permit Amendment Application until an Extension of Time Application is approved for the permit.
- You may consider using the Reimbursement Authority process to expedite the processing of this Permit Amendment Application if the completion date of the permit expires within 6 months of the date of filing this application.

By my signature below, I confirm that I understand:

- Prior to Department approval of the permit amendment, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the permit is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following newspaper: Lake County Examiner.



I (we) affirm that the information contained in this application is true and accurate.

Bernie Burkholder
Applicant Signature

Bernie Burkholder
Print Name (and Title if applicable)

2/11/2020
Date

Western Development Group LP

Thomas A. MacDonald
Applicant Signature

Thomas A. MacDonald
Print Name (and Title if applicable)

2/11/2020
Date

Thomas A. MacDonald

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Check one of the following:

- ☒ The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- ☐ The permit holder(s) of record will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to the permit holder(s) of record.

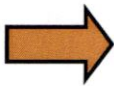
Check the appropriate box, if applicable:

- ☐ Check here if any of the permits proposed for amendment are or will be located within or served by an irrigation or other water district. N/A

IRRIGATION DISTRICT NAME	ADDRESS	
CITY	STATE	ZIP

- ☐ Check here if water for any of the permits supplied under a water service agreement or other contract for stored water with a federal agency or other entity. N/A

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP



To meet State Land Use Consistency Requirements, you must list all local governments (each county, city, municipal corporation, or tribal government) within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME Lake County	ADDRESS 513 Center Street	
CITY Lakeview	STATE OR	ZIP 97630

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

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

PERMIT # G-17749

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)

(Note: If the POD/POA name is not specified in the permit, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-____)	Twp	Rng	Sec	¼ ¼	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	LAKE 3030	30 S	17 E	8	NE NW	601	390 feet South and 150 feet West from the North ¼ corner of Section 8
Well 1	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	LAKE 3030	30 S	17 E	8	NE NW	601	*425 feet South and 145 feet West from the North ¼ corner of Section 8
Well 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	LAKE 1507	30 S	17 E	8	NE NW	601	480 feet South and 190 feet West from the North ¼ corner of Section 8
Well 2	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	LAKE 1507	30 S	17 E	8	NE NW	601	*530 feet South and 170 feet West from the North ¼ corner of Section 8
Well 3	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	LAKE 4444	30 S	17 E	8	NE NW	601	525 feet South and 140 feet West from the North ¼ corner of Section 8
Well 3	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	LAKE 4444	30 S	17 E	8	NE NW	601	*575 feet South and 135 feet West from the North ¼ corner of Section 8
Well 4	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	LAKE 3029	30 S	17 E	8	NE NW	601	340 feet South and 145 feet West from the North ¼ corner of Section 8
Well 4	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	LAKE 3029	30 S	17 E	8	NE NW	601	*405 feet South and 150 feet West from the North ¼ corner of Section 8
Well 5	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	LAKE 52764	30 S	17 E	5	SE NW	600	3200 feet North and 300 feet West from the North ¼ corner of Section 8
Well 5	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	LAKE 52764	30 S	17 E	5	SE NW	600	*3,155 feet North and 220 feet West from the South ¼ corner of Section 5
Well 6	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	LAKE 52368	30 S	17 E	5	SW SE	600	155 feet North and 230 feet East from the North ¼ corner of Section 8
Well 6	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	LAKE 52368	30 S	17 E	5	SW SE	600	*105 feet North and 250 feet East from the South ¼ corner of Section 5
Well 7	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	LAKE 52369	30 S	17 E	8	NE NW	601	110 feet South and 280 feet West from the North ¼ corner of Section 8
Well 7	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	LAKE 52369	30 S	17 E	8	NE NW	601	*180 feet South and 250 feet West from the North ¼ corner of Section 8
Well 8	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	LAKE 52487	30 S	17 E	5	NW SE	600	2070 feet North and 100 feet East from the North ¼ corner of Section 8

Well 8	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	LAKE 52487	30	S	17	E	5	NW	SE	600	*2,010 feet North and 135 feet East from the South ¼ corner of Section 5
Well 9	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	not drilled yet	30	S	17	E	5	SE	SW	600	1,040 feet North and 130 feet West from the North ¼ corner of Section 8
Well 10	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	not drilled yet	30	S	17	E	8	NE	NW	601	330 feet South and 180 feet West from the North ¼ corner of Section 8
Well 11	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	not drilled yet	30	S	17	E	8	NE	NW	601	550 feet South and 155 feet West from the North ¼ corner of Section 8

*These POAs have been re-described slightly from that listed on the Permit to more accurately reflect the location of the wells. The location, as presented in this Permit Amendment, are the same location as these well have always been located.

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

- ☒ Place of Use (POU) - Fish Culture only ☒ Point of Appropriation/Well (POA)
☐ Point of Diversion (POD) ☒ Additional Point of Appropriation (APOA)
☐ Additional Point of Diversion (APOD) ☐ Surface water POD to Ground Water POA (SW/GW)

Will all of the proposed changes affect the entire water use permit?

- ☐ Yes Complete only the proposed ("to" 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 permit to be changed.

For a change in place of use:

Does the permit holder of record own or control the land TO which the place of use is being moved?

☐ Yes ☒ No (an assignment form is being submitted that will be completed on a parallel track to this application)

If NO, the landowner of the land TO which the place of use is being moved must be assigned to the permit as a permit holder of record by submitting a completed Request for Assignment form and the required statutory fee for an assignment.

Is the proposed place of use contiguous to the authorized place of use? ☒ Yes ☐ No

The permitted place of use can be moved only to lands that are contiguous to the authorized place of use unless the change to non-contiguous lands is in furtherance of mitigation or conservation efforts undertaken for the purposes of benefiting a species listed as sensitive, threatened, or endangered under ORS 496.171 to 496.192 or the federal Endangered Species Act of 1973 (16 U.S.C. 1531 to 1544), as determined by the listing agency. Contiguous land being either adjacent land or land separated from the land to which a permit is authorized by roads, utility corridors, irrigation ditches or publicly owned rights of way.

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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 Use Permit # G-17749

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.

AUTHORIZED (the "from" or "off" lands)										PROPOSED (the "to" or "on" lands)									
The listing that appears on the certificate BEFORE PROPOSED CHANGES										The listing as it would appear AFTER PROPOSED CHANGES are made.									
List only that part or portion of the water right that will be changed.																			
Twp	Rng	Sec	1/4	Tax Lot	Gvt Lot or DLC	Acre (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date	Proposed Changes (see "CODES" from previous page)	Twp	Rng	Sec	1/4	Tax Lot	Gvt Lot or DLC	Acre (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date	
EXAMPLE																			
2	S	9	E	15	NW	100	15.0	POD #1 POD #2	POU/POD	2	S	9	E	15	NW	100	1	POD #5	
"	"	"	"	"	"	"	EXAMPLE	"	"	2	S	9	E	15	SW	200	5.0	POD #6	
30	S	17	E	5	SE	NW	1001	Wells #1-9	POA/APOA	30	S	17	E	5	SE	NW	1001	20.3 - IR	4/7/1987
30	S	17	E	5	NE	SW	601	Wells #1-9		30	S	17	E	5	NE	SW	601	28.4 - IR	4/7/1987
30	S	17	E	5	SE	SW	601	Wells #1-9		30	S	17	E	5	SE	SW	601	1.4 - IR	4/7/1987
30	S	17	E	4	SW	SW	600	Wells #1-9		30	S	17	E	4	SW	SW	600	30.0 - IS	4/7/1987
30	S	17	E	5	SW	NE	600	Wells #1-9		30	S	17	E	5	SW	NE	600	40.0 - IS	4/7/1987
30	S	17	E	5	SE	NE	600	Wells #1-9		30	S	17	E	5	SE	NE	600	40.0 - IS	4/7/1987
30	S	17	E	5	NE	SE	600	Wells #1-9		30	S	17	E	5	NE	SE	600	40.0 - IS	4/7/1987
30	S	17	E	5	NW	SE	600/601/700	Wells #1-9		30	S	17	E	5	NW	SE	600/601/700	39.1 - IS	4/7/1987
30	S	17	E	5	SW	SE	600	Wells #1-9		30	S	17	E	5	SW	SE	600	30.0 - IS	4/7/1987
30	S	17	E	5	SE	SE	600	Wells #1-9		30	S	17	E	5	SE	SE	600	40.0 - IS	4/7/1987
30	S	17	E	8	NE	NE	600	Wells #1-9		30	S	17	E	8	NE	NE	600	40.0 - IS	4/7/1987
30	S	17	E	8	NW	NE	600/601	Wells #1-9		30	S	17	E	8	NW	NE	600/601	33.0 - IS	4/7/1987

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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.										PROPOSED (the “to” or “on” lands) The listing as it would appear AFTER PROPOSED CHANGES are made.									
Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date	Proposed Changes (see “CODES” from previous page)	Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date	
EXAMPLE																			
2	S	9	E	15	NW	100	POD #1 POD #2		POU/POD	2	S	9	E	15	NW	100	1	10.0	
“	“	“	“	“	“	“	“		“	2	S	9	E	15	SW	200		5.0	
30	S	17	E	8	SW	NE	600/601	Wells #1-9	POA/APOA	30	S	17	E	8	SW	NE	600/601	Wells #1-11	4/7/1987
30	S	17	E	8	SE	NE	600	Wells #1-9		30	S	17	E	8	SE	NE	600	Wells #1-11	4/7/1987
30	S	17	E	9	SW	NE	600	Wells #1-9		30	S	17	E	9	SW	NE	600	Wells #1-11	4/7/1987
30	S	17	E	9	NW	NW	600	Wells #1-9		30	S	17	E	9	NW	NW	600	Wells #1-11	4/7/1987
30	S	17	E	9	SW	NW	600	Wells #1-9		30	S	17	E	9	SW	NW	600	Wells #1-11	4/7/1987
30	S	17	E	9	SE	NW	600	Wells #1-9		30	S	17	E	9	SE	NW	600	Wells #1-11	4/7/1987
30	S	17	E	9	NE	SW	600	Wells #1-9		30	S	17	E	9	NE	SW	600	Wells #1-11	4/7/1987
30	S	17	E	9	NE	SE	600	Wells #1-9		30	S	17	E	9	NE	SE	600	Wells #1-11	4/7/1987
30	S	17	E	9	NW	SE	600	Wells #1-9		30	S	17	E	9	NW	SE	600	Wells #1-11	4/7/1987
30	S	17	E	9	SW	SE	600	Wells #1-9		30	S	17	E	9	SW	SE	600	Wells #1-11	4/7/1987
30	S	17	E	9	SE	SE	600	Wells #1-9		30	S	17	E	9	SE	SE	600	Wells #1-11	4/7/1987
TOTAL ACRES								TOTAL ACRES								50.1 –IR 569.6 – IS			

Additional remarks: This table summarizes the Place of Use for the Irrigation (primary and supplemental) portion of Permit G-17749. Acreage labeled as IR are primary irrigation, and acreage labeled as SI are supplemental irrigation. The acres associated with the irrigation use on this right are NOT being modified, however the Applicant is proposing to add two new POAs that are intended to serve as replacement wells for the current Wells #1 through #4 that are beginning to fail. The Applicant is proposing that all POAs (existing and new) be authorized for irrigation use. The Applicant is also proposing to modify the Place of Use for the Fish Culture portion of Permit G-17749 by adding additional fish raceways. This change in POU is described in the next table.

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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.										PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.									
Twp	Rng	Sec	1/4	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date	Proposed Changes (see "CODES" from previous page)	Twp	Rng	Sec	1/4	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date	
EXAMPLE																			
2	S	9	E	15	NW	100	POD #1		POU/POD	2	S	9	E	15	NW	100	1	10.0	POD #5
"	"	"	"	"	"	EXAMPLE	POD #2		"	2	S	9	E	15	NW	200		5.0	POD #6
									POA/APOA /POU	30	S	17	E	8	SW	NE	601	N/A	Wells #1-11
										30	S	17	E	8	NE	NW	601	N/A	Wells #1-11
										30	S	17	E	8	SE	NW	601	N/A	Wells #1-11
										30	S	17	E	8	NW	NE	600	N/A	Wells #1-11
										30	S	17	E	5	SW	SE	600	N/A	Wells #1-11
										30	S	17	E	5	SE	NW	600	N/A	Wells #1-11
TOTAL ACRES										TOTAL ACRES									
										N/A									

Additional remarks: This table summarizes the Place of Use for the Fish Culture portion of Permit G-17749. The Applicant is proposing to add two new POAs that are intended to serve as replacement wells for the current Wells #1 through #4 that are beginning to fail. The objective is that all of the POAs (existing and new) will be authorized for Fish Culture use in any of the raceways. The Applicant is also proposing to modify the Place of Use for the Fish Culture portion of Permit G-17749 by adding additional fish raceways. This change in the Fish Culture POU is described in the table on this page. The fish raceways are a non-consumptive use and the additional proposed fish raceways will not enlarge the original water right. The fish raceways also serve as a lined conveyance to the POU for Irrigation.

13337

Are there other water rights certificates, water use permits or ground water registrations associated with the "from" or "to" lands? ☒ Yes ☐ No

If YES, list the other certificate, permit, or ground water registration numbers: SWR 170; Certs. 83065 & 83069



If the permit(s) are for irrigation or supplemental irrigation use, other water rights existing on the same land for irrigation that are subject to transfer must either change concurrently or be cancelled. Any change to a water right certificate or ground water registration must be filed separately in a water right transfer application or ground water registration modification application, respectively.

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) (**Attachment D**)

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 than full rate of water right
Well 9	No		500'	16"	+1 to 220'	0 to 220'		Artesian	Volcanic/basalt Unit below basin fill	2,000 gpm
Well 10*	No		300'	16"	+1 to 120	0 to 120'		Artesian	cinders/boulders/lava	2,000 gpm
Well 11*	No		275'	16"	+1 to 120	0 to 120'		Artesian	cinders/boulders/lava	2,000 gpm

*- will be constructed in a similar fashion to existing wells 3 and 4 that are beginning to fail

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ATTACHMENT A
Permit G-17749

13337

STATE OF OREGON
COUNTY OF LAKE
PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

THOMAS A. MACDONALD
PO BOX 87
SUMMER LAKE, OR 97640

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This superseding and correcting permit is issued to describe amendments for changes in the points of appropriation and an additional point of appropriation proposed under Permit Amendment Application T-11749 approved by Special Order Volume 103, Page 268 entered October 24, 2016, amendments for additional points of appropriation as described in T-10716 approved by Special Order Vol. 76, Page 833, entered December 10, 2008, and to describe all assignments and the extension of time for complete application of water approved October 30, 2016. This permit supersedes Permit G-11024 and G-17282.

to use the waters of NINE WELLS in the ANA RIVER BASIN for FISH CULTURE, IRRIGATION OF 50.1 ACRES AND SUPPLEMENTAL IRRIGATION OF 569.6 ACRES.

The dates of priority for the uses are APRIL 7, 1987 for 10.0 CFS FOR FISH CULTURE AND 7.73 CFS FOR IRRIGATION AND JUNE 14, 1989 FOR 7.8 CFS FOR FISH CULTURE. The use is limited to not more than 17.80 CUBIC FEET PER SECOND, BEING 7.73 CFS FOR IRRIGATION AND 17.80 CFS FOR FISH CULTURE, or its equivalent in case of rotation, measured at the wells.

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
30 S	17 E	WM	8	NE NW	WELL#1 - 390 FEET SOUTH AND 150 FEET WEST FROM THE NORTH ¼ CORNER OF SECTION 8
30 S	17 E	WM	8	NE NW	WELL#2 - 480 FEET SOUTH AND 190 FEET WEST FROM THE NORTH ¼ CORNER OF SECTION 8
30 S	17 E	WM	8	NE NW	WELL#3 - 525 FEET SOUTH AND 140 FEET WEST FROM THE NORTH ¼ CORNER OF SECTION 8
30 S	17 E	WM	8	NE NW	WELL#4 - 340 FEET SOUTH AND 145 FEET WEST FROM THE NORTH ¼ CORNER OF SECTION 8
30 S	17 E	WM	5	SE NW	WELL#5 - 3200 FEET NORTH AND 300 FEET WEST FROM THE NORTH ¼ CORNER OF SECTION 8
30 S	17 E	WM	5	SW SE	WELL#6 - 155 FEET NORTH AND 230 FEET EAST FROM THE NORTH ¼ CORNER OF SECTION 8
30 S	17 E	WM	8	NE NW	WELL#7 - 110 FEET SOUTH AND 280 FEET WEST FROM THE NORTH ¼ CORNER OF SECTION 8
30 S	17 E	WM	5	NW SE	WELL#8 - 2070 FEET NORTH AND 100 FEET EAST FROM THE NORTH ¼ CORNER OF SECTION 8
30 S	17 E	WM	5	SE SW	WELL#9 - 1040 FEET NORTH AND 130 FEET WEST FROM THE NORTH ¼ CORNER OF SECTION 8

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. This right shall be limited to any deficiency in the available supply of any prior right existing for the same land.

At any time when the flow of Ana Springs is insufficient to furnish the amount of water required to satisfy existing rights with priority earlier than this permit, all ground water derived under this permit shall be delivered by the permittee into Ana River to the extent necessary to restore Ana River to its historic flow.

The permittee shall construct and maintain the necessary pipelines or ditches and install and maintain the necessary measuring devices so the provisions of the permit may be enforced by the proper state officer.

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

A description of the proposed place of use under the permit is as follows:

FISH CULTURE				
Twp	Rng	Mer	Sec	Q-Q
30 S	17 E	WM	8	SW NE
30 S	17 E	WM	8	NE NW
30 S	17 E	WM	8	SE NW

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
30 S	17 E	WM	5	SE NW	20.30
30 S	17 E	WM	5	NE SW	28.40
30 S	17 E	WM	5	SE SW	1.40
Total					50.10

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
30 S	17 E	WM	4	SW SW	30.00
30 S	17 E	WM	5	SW NE	40.00
30 S	17 E	WM	5	SE NE	40.00
30 S	17 E	WM	5	NE SE	40.00
30 S	17 E	WM	5	NW SE	39.10
30 S	17 E	WM	5	SW SE	30.00
30 S	17 E	WM	5	SE SE	40.00
30 S	17 E	WM	8	NE NE	40.00
30 S	17 E	WM	8	NW NE	33.00
30 S	17 E	WM	8	SW NE	11.00
30 S	17 E	WM	8	SE NE	31.00
30 S	17 E	WM	9	SW NE	2.00

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SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
30 S	17 E	WM	9	NW NW	36.00
30 S	17 E	WM	9	SW NW	32.00
30 S	17 E	WM	9	SE NW	30.00
30 S	17 E	WM	9	NE SW	31.00
30 S	17 E	WM	9	NE SE	0.50
30 S	17 E	WM	9	NW SE	28.00
30 S	17 E	WM	9	SW SE	20.00
30 S	17 E	WM	9	SE SE	16.00
Total					569.60

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Permit Amendment T-11749

At any time when the flow of Ana Springs is insufficient to furnish the amount of water required to satisfy existing rights with priority earlier than this permit, all ground water derived under this permit shall be delivered by the permittee into the Ana River to the extent necessary to restore Ana River to its historic flow. If the flow of Ana Springs is insufficient to furnish the amount of water required for existing rights with earlier priority dates and not all the ground water derived under this permit can be delivered into the Ana River, then all of the ground water derived under this permit shall be shut off.

The combined quantity of water diverted at the new points of appropriation, together with that diverted at the old points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.

The permittee shall construct and maintain the necessary pipelines or ditches and install and maintain the necessary measuring devices so the provisions of the permit may be enforced by the proper state officer.

Water shall be acquired from the same aquifer as the original points of appropriation.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.

The Additional Point of Appropriation Well #9 and the new Point of Appropriation Well #5 shall obtain groundwater from the predominately volcanic/basalt unit below the predominately basin-fill unit and both wells shall have continuous casing and continuous seal from land surface through the basin-fill unit into the predominantly volcanic/basalt unit.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID). The tag showing the Well ID shall be permanently attached to the well. If a well does not have a Well ID tag, the permittee 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.

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 diversion (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.

Original Permit Conditions

This project was considered and approved by the Water Resources Commission on March 30, 1990.

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an airline and pressure gauge adequate to determine water level elevations in the well at all times. When required by the department, the permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn. Artesian wells must have control valves installed to regulate the flow of water.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the Department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Actual construction work was to begin on or before April 30, 1991, however, complete application of the water to the use was extended and shall be made on or before October 1, 2016. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for beneficial use of water without waste. The water user is advised that new regulations may require use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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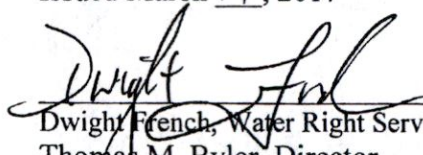
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The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Issued March 17, 2017



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

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Application G-11640/T-11749. jms
Basin 13

Water Resources Department
Volume 2 Ana River & Misc. Wells

PERMIT G-17749
District 12

LAKE 3030

Well #1

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STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

JUL - 1 1988

(1) OWNER: **WATER RESOURCES PROJECT #1**
Name **ROBERT OLSON** **MALE** **ADULT**
Address **P/O BOX 40**
City **SUMMER LAKE** State **OR** Zip **97640**

(2) TYPE OF WORK: ☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☒ Cable

☐ Other _____

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☒ Normal ☐ Injection ☐ Other FISH HATCHERY

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 296 ft.

Explosives used Yes No ☐ ☒ Type _____ Amount: _____

HOLE			SEAL			Amount
Diameter	From	To	Material	From	To	sacks or pounds
16"	0	60	CEMENT GROUT	0	60	160 Sacs
12"	60	296				

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:								
	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	12"	+1.5	60'	25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

☐ Perforations Method _____

☐ Screens Type _____ Material _____

[illegible]

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

<input type="checkbox"/> Pump	<input type="checkbox"/> Bailor	<input type="checkbox"/> Air	<input checked="" type="checkbox"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time

2100			1 hr.

Temperature of water 60 Depth Artesian Flow Found 241
Was a water analysis done? ☐ Yes By whom _____
Did any strata contain water not suitable for intended use? ☒ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: 3'

~~(9) LOCATION OF WELL~~ by legal description:

County LAKE Latitude _____ Longitude _____
Township 30 N of S Range 18 E of W. WM.
Section 8 NE 1/4 1/2
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) SUMMER LAKE

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____
Artesian pressure 17 lb. per square inch. Date 6-30-85

(11) WATER BEARING ZONES:

Depth at which water was first found 3 FT.

From	To	Estimated Flow Rate	SWL
241	296	2100	+1.5

(12) WELL LOG:

Ground elevation

[illegible]

Date started 4-15-85 Completed 6-30-85

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed _____ WWC Number _____
Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

Signed Florida Baker WWC Number 1338
Date 6-24-88

WHITE COPIES - WATER RESOURCES DEPARTMENT

YELLOW COPY - CONSTRUCTOR

PINK COPY - CUSTOMER 9809C 10/86

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APR 24 2014

SALEM, OR

13337

LAKE 1507

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Well #2

OWRD

Lake 1507

302/17E-866

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.766)

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FEB 2 2020 TYPE or PRINT IN INK

(for official use only)

(1) OWNER: WATER RESOURCES DEPT
Name ROBERT OLSON, OREGON
Address SUMMER LAKE
City State OR

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air ☐ Driven ☐Rotary Mud ☐ Dug ☐Cable ☒ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☒ Municipal ☐Irrigation ☐ Thermal ☐ Withdrawal ☐ Rejection ☐Other: ☐ Piezometric ☐ Grounding ☐ Test ☐

(5) CASING INSTALLED:

Steel ☐ Plastic ☐

12" Diam. from +1 ft to 60 ft. Gauge 250

" Diam. from ft to ft. Gauge

LINER INSTALLED:

Steel ☐ Plastic ☐

" Diam. from ft to ft. Gauge

(6) PERFORATIONS:

Size of perforations in by Perforated? ☐ Yes ☒ No

perforations from ft. to ft.

perforations from ft. to ft.

perforations from ft. to ft.

(7) SCREENS: Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.

Diam. Slot Size Set from ft. to ft.

Diam. Slot Size Set from ft. to ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level

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

gal./min. with ft. drawdown after hrs.

Air test gal./min. with drill stem at ft. hrs.

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow 1960 g.p.m.

Temperature of water 60° Depth artesian flow encountered 241 ft.

(9) CONSTRUCTION: Special standards: Yes ☐ No ☒

Well seal—Material used CEMENT GROUT

Well sealed from land surface to 55 ft.

Diameter of well bore to bottom of seal 16 in.

Diameter of well bore below seal 12 in.

Amount of sealing material 118 sacks ☒ pounds ☐

How was cement grout placed? PUMPED

Was pump installed? NO Type HP Depth ft.

Was a drive shoe used? ☒ Yes ☐ No Pump Size location ft.Did any strata contain unstable water? ☐ Yes ☒ No

Type of Water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes ☒ No Size of gravel:

Gravel placed from ft. to ft.

(10) LOCATION OF WELL by legal description:

County LAKE NE NW 1/4 of Section 8

Township 30 Range 17 WM

Tax Lot Lot Block Subdivision

MAILING ADDRESS OF WELL (or nearest address) SUMMER LAKE

(11) WATER LEVEL OF COMPLETED WELL:

Depth at which water was first found 55 ft.

Static level ft. below land surface. Date

Artesian pressure 5 lbs. per square inch. Date 6-30-85

(12) WELL LOG:

Diameter of well below casing 12" ft.

Depth drilled 296 ft. Depth of completed well 296 ft.

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.

NOTICE TO WATER WELL CONSTRUCTOR
The original and first copy of this report
are to be filed with theWATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP-46865-690

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APR 24 2014

SALEM, OR

LAKE 3029

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FEB 28 2020

Well #4

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STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

JUL - 1 1988

Lake 3029

30/16E-8aa

(1) OWNER: **WATER RESOURCES DEPT #4**
Name **ROBERT OLSON** **SALEM, OREGON**
Address **P/O Box 40**
City **SUMMER LAKE** State **OR** Zip **97140**

(2) TYPE OF WORK:

☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☒ Cable
☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☒ Thermal ☐ Injection ☐ Other **FISH HATCHERY**

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No ☒ Depth of Completed Well **310**
Explosives used ☐ Yes ☒ No Type Amount

HOLE SEAL
Diameter From To Material From To Amount
16" 0 120 CEMENT 0 120 210 SACKS
12" 120 245 GROUT 0 120 210 SACKS
8" 245 310

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E

☐ Other

Backfill placed from ft. to ft. Material

Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Diameter From To Gauge Steel Plastic Welded Threaded
Casing **12" 0 160 250** ☒ ☐ ☒ ☐
Liner: ☐ ☐ ☐ ☐ ☐ ☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method ☐ Screens Type Material
From To Slot size Number Diameter Tele/pipe size Casing Liner
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

☐ Pump ☐ Bailor ☐ Air ☒ Flowing Artesian
Yield gal/min Drawdown Drill stem at Time
2100 **1** **1** **1**

Temperature of water **60** Depth Artesian Flow Found **245**

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☒ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata **7'**

WHITE COPIES - WATER RESOURCES DEPARTMENT

YELLOW COPY - CONSTRUCTOR

PINK COPY - CUSTOMER

0809C 10/88

(9) LOCATION OF WELL by legal description:

County **LAKE** Latitude Longitude
Township **30** N of Range **16** E of W, WM
Section **8** NE 1/4 **NE 1/4**
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address) **SUMMER LAKE**

(10) STATIC WATER LEVEL:

ft. below land surface Date
Artesian pressure **17** lb. per square inch Date **4-15-88**

(11) WATER BEARING ZONES:

Depth at which water was first found **7 FT**

From	To	Estimated Flow Rate	SWL
7'	8'		3'
245	310	2100	+2

(12) WELL LOG:

Ground elevation

Material	From	To	SWL
SOIL, BROWN SANDY	0	7	7'
CLAY - GREEN	7	53	7'
CLAY - TAN	53	245	+2
CINDERS - SAND, RED	245	246	+2
LAVA BOULDERS, LARGE	246	310	+2
CINDERS, RED	310	310	+2

Date started **11-10-87** Completed **4-15-88**

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed _____ WWC Number _____
Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

Signed **F. O. D. D. D.** WWC Number **1362**
Date **6-24-88**

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SALEM, OR

WELL I.D. LABEL#	82299
START CARD #	212521
ORIGINAL LOG #	

13337

LAKE 52368

Well #6

STATE OF OREGON
WATER SUPPLY WELL REPORT
ORS 537.765 & OAR 690-205-0210

Instructions for completing this report are on the last page of this form.

LAKE 52308
LAKE 52368
WELL #12
AMTARU

WELL LABEL # 103897
START CARD # 206439
ORIGINAL LOG #

(1) LANDOWNER Owner Well I.D.
First Name Thomas Last Name McDaniel
Company
Address PO Box 87
City Summer Lake State OR Zip 97640

(2) TYPE OF WORK ☒ New ☐ Conversion ☐ Deepening
☐ Alteration (complete Sections 2a & 10) ☐ Abandonment (complete Section 5a)

(2a) PRE-ALTERATION: Well Depth ft.
Seal Material
Casing Type: ☐ Steel ☐ Plastic ☐ Other
Casing Gauge Casing Diameter

(3) DRILL METHOD ☒ Rotary Air ☐ Rotary Mud ☐ Auger
☐ Cable ☐ Cable Mud ☐ Reverse Rotary ☐ Other

(4) PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection
☐ Thermal ☐ Other

(5) BORE HOLE CONSTRUCTION
Depth of Completed Well 260 ft. Special Standard: ☐ Yes (attach copy)

BORE HOLE			SEAL			Amount	Scks/lbs
Dia	From	To	Material	From	To		
24"	0	39	Cement	0	39	80	5CK
18"	39	210	Cement	40	210	150	5CK
12"	210	260					

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other

Backfill placed from ft to ft. Material
Filter pack from ft to ft. Material Size

(5a) ABANDONMENT USING UNHYDRATED BENTONITE:

Calculated Amount Proposed to be Used: sacks/lbs
Actual Amount Used: sacks/lbs

(6) CASING/LINER

Casing Liner	Dia	From	To	Gauge	Steel	Plastic	Welded	Thrd
X	16"	1	39	.250	X		X	
X	12"	3	210	.750	X		X	

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)

Temporary casing ☐ Yes Diameter From To

(7) PERFORATIONS/SCREENS

Perforations Method
Screens Type Material

Perf	Scrn	Casing Liner	Screen Dia	From	To	Screen/ slot width	Slot length	# of slots	Tele/ pipe size

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

☐ Pump ☐ Bailer ☒ Air ☒ Flowing Artesian

Yield gal/min 1000 Drawdown 260 Drill stem/Pump depth Duration (hr)

Temperature 60 °F Lab analysis ☐ Yes By

Water quality concerns? ☐ Yes (describe below) TDS ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County LAKE Twp 30 N or S Range 17 E or W W.M.
Sec 5 1/4 of the 1/4 Tax Lot 600
Tax Map Number Lot
Lat or DMS or DD
Long or DMS or DD

Street Address of Well (or nearest address) 48413 DRESSER
SPRING RD SUMMER LAKE OR 97640

(10) STATIC WATER LEVEL

Existing Well/Pre-Alteration Date 10-24-10 SWL (psi) 2.25 SWL (ft)
Completed Well

Flowing Artesian? ☐ Yes Dry Hole? ☐ Yes
WATER BEARING ZONES Depth water was first found 25'

SWL Date	From	To	Est Flow	SWL (psi)	SWL (ft)
	20	25	259.1		

(11) WELL LOG

Material	From	To
TOP SOIL	0	2
BLACK CLAY	2	10
GRAY CLAY	10	120
BLUE CLAY	120	180
GRAY BASALT	180	225
RED CLAY	225	260

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MAR 13 2012

JUL 12 2012

WATER RESOURCES DEPT

SALEM, OREGON

SALEM, OR

Date Started 9-28-10 Completed 10-28-10

(unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number Date

Signed

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1654 Date 10-12-11

Signed
Contact info (optional)

Search Drilling INC
70M Search 501-576-2189

ORIGINAL - WATER RESOURCES DEPARTMENT ONE COPY FOR CONSTRUCTOR ONE COPY FOR RECEIVED BY OWRD
SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK 01/02/2009

APR 24 2014

SALEM, OR

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FEB 28 2020

OWRD

LAKE 52369

Well #7

Amended
LAKE 52369
Well #1

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

Instructions for completing this report are on the last page of this form.

WELL LABEL # 103998
START CARD # 206440
ORIGINAL LOC #

(1) LANDOWNER
First Name Thomas Last Name MacDonald
Company
Address PO Box 87
City Summit Lake State OR Zip 97640

(2) TYPE OF WORK ☒ New ☐ Conversion ☐ Deepening
☐ Alteration (complete Sections 2a & 10) ☐ Abandonment (complete Section 5a)

(2a) PRE-ALTERATION: Well Depth ft.
Seal Material
Casing Type: ☐ Steel ☐ Plastic ☐ Other
Casing Gauge Casing Diameter

(3) DRILL METHOD ☒ Rotary Air ☐ Rotary Mud ☐ Auger
☐ Cable ☐ Cable Mud ☐ Reverse Rotary ☐ Other

(4) PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Community
☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection
☐ Thermal ☐ Other

(5) BORE HOLE CONSTRUCTION
Depth of Completed Well 380 ft. Special Standard: ☐ Yes (attach copy)

BORE HOLE				SEAL			
Dia	From	To	Material	From	To	Amount	Seals/bt
12"	0	140	Concrete	0	220	180	5CR
12"	220	376					

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other
Backfill placed from 0 to ft. Material
Filter pack from ft. to ft. Material Size

(5a) ABANDONMENT USING UNHYDRATED BENTONITE:

Calculated Amount Proposed to be Used: _____ sacks/bt
Actual Amount Used: _____ sacks/bt

(6) CASING/LINER

Casing/Liner	Dia	From	To	Gauge	Steel	Plastic	Welded	Thd
X	12"	0	220	.250	X		X	

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)
Temporary casing ☐ Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations		Method		Material						
Screens		Type								
Perf	Screen	Case	Line	Screen Dia	From	To	Screen/ slot width	Slot length	# of slots	Total pipe size
							</			

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

☐ Pump ☐ Baker ☐ Air ☒ Flowing Artesian
Yield gal/min Drawdown Drill stem/Packer length Duration (hr)
Temperature 60 °F Lab analysis ☐ Yes By _____
Water quality concerns? ☐ Yes (describe below) TDS _____ ppin
From _____ To _____ Description _____ Amount _____ Units _____

(9) LOCATION OF WELL (Legal description)
County LAKE Twp 30 N or S Range 17 E or W W.M.
Sec 5 1/4 of the 1/4 Tax Lot 600
Tax Map Number _____ Lat _____ Long _____ DMS or DD
DMS or DD

Street Address of Well (or nearest address) 48413 Dr. S. S. T. Spring Rd Summit Lake OR 97640

(10) STATIC WATER LEVEL

Existing Well/Pre-Alteration	Date	SWL (psf)	+	SWL (ft)
Completed Well	2-5-11	4 PSI		

Flowing Artesian? ☐ Yes ☐ No Dry Hole? ☐ Yes ☐ No
WATER BEARING ZONES Depth water was first found 60

SWL Date	From	To	Est Flow	SWL (psf)	+	SWL (ft)
	190	200	500 gal			1"

(11) WELL LOG

Material	From	To
TOP SOIL	0	2
CLAY	2	10
BLACK CLAY WITH	10	15
limonite	15	65
Green Clay	65	105
CLAY	105	220
Large Rock	220	240
Red Basalt	240	260
Black Lava Rock	260	380
Red Cloddy	380	380

Date Started 10-30-10 Completed 2-5-11

(Unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number _____ Date _____

Signed _____

(Bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1654 Date 10-12-11

Signed Thomas MacDonald

Contact Info. (optional)

Search drilling INC
Tom Search
541 576-2189

ORIGINAL - WATER RESOURCES DEPARTMENT ONE COPY FOR CONSTRUCTOR ONE COPY FOR CUSTOMER
SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

P. 1-3

10:15035660904

5415762189

FROM: TOM

APR 24 2014

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MAR 1 2012
WATER RESOURCES DEPT
SALEM, OREGON

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FEB 28 2020

LAKE 52487

Amended

Well #8

OWRD

LAKE 52487

LAKE 52487

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

Instructions for completing this report are on the last page of this form.

WELL LABEL # L 104458
START CARD # 20641
ORIGINAL LOG #(1) LANDOWNER
First Name Thomas Last Name MacDonald
Company
Address P.O. Box 57
City Sumner Lake State OR Zip 97140(2) TYPE OF WORK ☒ New ☐ Conversion ☐ Deepening
☐ Alteration (complete Sections 2a & 10) ☐ Abandonment (complete Section 5a)(2a) PRE-ALTERATION: Well Depth ft.

Seal Material

Casing Type: ☐ Steel ☐ Plastic ☐ Other

Casing Gauge Casing Diameter

(3) DRILL METHOD ☒ Rotary Air ☐ Rotary Mud ☐ Auger
☐ Cable ☐ Cable Mud ☐ Reverse Rotary ☐ Other(4) PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection
☐ Thermal ☐ Other(5) BORE HOLE CONSTRUCTION
Depth of Completed Well 260 ft. Special Standard: ☐ Yes (attach copy)

BORE HOLE				SEAL			
Dia	From	To	Material	From	To	Amount	Scks/lbs
24"	0	90	Cement	0	90	100	5x
18"	90	155	Cement	90	155	100	5x
14"	155	200					
10"	200	260					

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ OtherBackfill placed from ft. to ft. Material
filter pack from ft. to ft. Material Size (5a) ABANDONMENT USING UNHYDRATED BENTONITE:
Calculated Amount Proposed to be Used: sacks/lbs
Actual Amount Used: sacks/lbs

(6) CASING/LINER									
Casing/Liner	Dia	From	To	Gauge	Steel	Plastic	Welded	Thrd	
X	18"	0	90	.250	X		X		
X	14"	90	155	.250	X		X		

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)
Temporary casing ☐ Yes Diameter From To (7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Material

Perf	Screen	Casing	Liner	Screen Dia	From	To	Screen slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☒ Flowing Artesian
Yield gal/min 1500 Drawdown Drill stem/Pump depth Duration (hr) 1
Temperature 60 °F Lab analysis ☐ Yes By
Water quality concerns? ☐ Yes (describe below) IDS ppm
From To Description Amount Units (9) LOCATION OF WELL (legal description)
County Lake Twp 30 N or S, Range 17 E or W, W.M.
Sec 5 EN 1/4 of the SW 1/4 Tax Lot 6002
Tax Map Number Lot
Lat " or DMS or DD
Long " or DMS or DDStreet Address of Well (or nearest address) 48413 D-550
Spring rd Sumner Lake(10) STATIC WATER LEVEL
Date 9-1-13 SWL (psi) 4 psi SWL (ft)
Existing Well/Pre-Alteration 9-1-13
Completed Well Flowing Artesian? ☒ Yes Dry Hole? ☐ Yes
WATER BEARING ZONES Depth water was first found 260

SWL Date	From	To	Est Flow	SWL (psi)	SWL (ft)
9-1-13	270	260	1500	4 psi	

(11) WELL LOG			Ground Elevation	
Material	From	To		
761 So L	0	2		
17201 C/L	2	150		
Black Lava Rock	150	165		
Red Lava Rock	165	220		
Black Lava Rock	220	260		

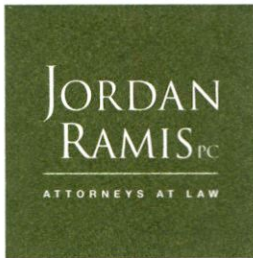
RECEIVED BY OWRD
OCT 10 2013
NOV 18 2013
SALEM, OR
Date Started 8-15-13 Completed 9-1-13(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.License Number Date
Signed (bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.License Number 16541 Date 10-6-13
Signed
Contact Info (optional) ORIGINAL - WATER RESOURCES DEPARTMENT ONE COPY FOR CONSTRUCTOR ONE COPY FOR CUSTOMER
SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

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01/02/2009

APR 24 2014

SALEM, OR



360 SW Bond St., Ste. 510
Bend, OR 97702
Tel. (541) 550-7900
Fax (503) 598-7373
www.jordanramis.com

Steven L. Shropshire
Admitted in Oregon and Washington
steve.shropshire@jordanramis.com
OR Direct Dial: (541) 647-2979

February 27, 2020

VIA FEDERAL EXPRESS

Arla Davis
Oregon Water Resources Department
725 Summer St. NE #A
Salem OR 97301

RECEIVED

FEB 28 2020

OWRD

Re: **Application for Permit Amendment T-13337**
Our File No. 54350-77015

Dear Arla:

Enclosed are the following with respect to the Permit Amendment Application T-13337:

1. Cover letter; and
2. Superseding Application for Permit Amendment T-13337.

As we've previously discussed, we will submit the check for the difference in the application fee between the pending application and this superseding application under separate cover.

If you have any questions, please do not hesitate to contact me.

Sincerely,

JORDAN RAMIS PC


Steven L. Shropshire

Enclosures

cc: Client (via email w/ encl.)
John Young (via email w/ encl.)
Scott Montgomery (via email w/ encl.)

13337

54350-77015 4823-2118-7510.1



All Points Engineering and Surveying, Inc.

P.O. Box 767 (CRR)
Terrebonne, OR 97760
(541) 548-5833 PH
(541) 585-4602 FX
Scott@APEandS.com

February 26, 2020

Attn: Lisa Jaramillo, Transfer Section Manager
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1266

RECEIVED

28 2020

SUBJECT: Revised Application for T-13337

WRD

Dear Ms. Jaramillo:

Please find attached to this cover letter a revised application and maps to replace the current application and map. Due to the close approaching C-date, the updated applicants and agents will work together with the department to process this application as expediently as possible.

The reason for this updated application is because my current application doesn't address the changes that Western Development, LP or "Western" desires. Western retained GSI Water Solutions, Inc. or "GSI" after my original application was submitted. GSI prepared a new application to include Western's desired changes along with the changes I prepared for Tom MacDonald. It has been determined between both applicants and their agents that the most efficient way to move forward will be to use the GSI application and maps, rather than have me update my application and map to include Western's changes.

If you have any questions, please don't hesitate to call me at 541-548-5833.

Best Regards,

Scott Montgomery
All Points Engineering and Surveying
P.O. Box 767
Terrebonne, OR 97760
scott@apeands.com
PH: 541-548-5833
FAX: 541-585-4602

13337