

Application for Groundwater Registration Modification



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

Part 1 of 4 – Minimum Requirements Checklist

This Groundwater Registration Modification application will be returned if Parts 1 through 4 and all required attachments are not completed and included.

For questions, please call (503) 986-0900, and ask for Transfer Section.

Received

DEC 08 2025

OWRD

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

- ☒ Part 1 – Completed Minimum Requirements Checklist.
- ☒ Part 2 – Completed Application Map Checklist.
- ☒ Part 3 – Completed Applicant Information and Signature.
- ☒ Part 4 – Completed Groundwater Registration Modification Application – Groundwater Registration Information. (Only one Groundwater registration per application, unless the Groundwater registrations to be modified are layered).
- ☒ Completed Groundwater Registration Modification Application Map (Does not have to be prepared by a Certified Water Right Examiner).
- ☒ **Application Fee** - payable by check to the Oregon Water Resources Department, the online fee calculator is located:
https://apps.wrd.state.or.us/apps/wr/wr_transfer_calculator/groundwater_modification.aspx

Attachments:

- ☒ ☐ N/A Request for Assignment Form and statutory fee. This form needs to be completed if the applicant owns the land to which the registration is appurtenant and is **not** the registration certificate holder of record. The Request for Assignment Form is available at
<https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>.
Assignment is not needed for any person or entity who can demonstrate authorization to request recognition of a modification (e.g. legal representative, power of attorney, agent, etc.) **or** the applicant is named on the certificate of registration, or has been assigned to the certificate of registration.
- ☒ ☐ N/A Oregon Water Resources Department's Land Use Information Form with approval and signature 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.
- ☒ ☐ N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.

(For Staff Use Only)

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

- ☐ Application fee not enclosed/insufficient
- ☐ Map not included or incomplete
- ☐ Land Use Form not enclosed or incomplete
- ☐ Additional signature(s) required
- ☐ Part _____ is incomplete

Other/Explanation _____

Staff: _____ 503- _____ Date: ____/____/____

Received

NOV 17 2025

OWRD

Part 2 of 4 – Groundwater Registration Modification Map Checklist

Your Groundwater Registration Modification 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.

- ☒ 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 appropriation such as main pipelines, canals, and ditches.
- ☒ Existing place of use that includes hachuring, 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 registration is being changed, a separate hachuring is needed for the portion of the registration left unchanged.
- ☒ ☐ N/A If you are proposing a modification in place of use, show the proposed place of use with hachuring including 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 appropriation with distance and bearing or coordinates from a recognized survey corner.
- ☒ ☐ N/A If you are proposing a modification in point(s) of appropriation, 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°).

Received

NOV 17 2025

OWRD

Received

14781 - DEC 08 2025

OWRD



Oregon

Tina Kotek, Governor

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone 503 986-0900

Fax 503 986-0904

November 19, 2025

KITTREDGE PROPERTIES LLC

PO BOX 149

FORT ROCK, OR 97735

RE: Groundwater Registration Modification Application:

The Water Resources Department received your Application for a Groundwater Registration Modification Application. Unfortunately, we are unable to accept your application because it does not meet the minimum filing requirements outlined in Oregon Administrative Rules Chapter 690, Divisions 380 and 382. The reasons your application cannot be accepted at this time is outlined below:

The specific reasons your application cannot be accepted at this time are due to the following:

- The Department requires a Land Use Form **signed and approved by** the County in which the transfer is taking place. The Land Use Form was not included with the application.

see enclosed

If you have any questions please contact me at 503-979-3129 or arla.l.davis@water.oregon.gov.

Sincerely,

Arla L Davis

Arla L. Davis

Transfer and Conservation Section

Oregon Department of Water Resources

Cc: OWRD Fiscal

Received

DEC 08 2025

14781 -

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 below and provide the requested information

- ☒ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): Lake County Zoning Ordinance Article 3. A-2 Zone
- ☐ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		☐ 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 land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

26-15-1400-

Received
 DEC 08 2025
 OWRD

Name: Dawn Johnson Title: Planning Director

Signature: [Signature] Phone: 541-947-6036 Date: 1 DEC 2025

Government Entity: Lake County Planning Department

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

Land Use Information Form

Received
DEC 08 2025

OWRD



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

Applicant(s): Kittredge Properties LLC

Mailing Address: P.O. Box 149

City: Fort Rock

State: OR

Zip Code: 97735

Daytime Phone: 541-576-2236

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	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
<u>26S</u>	<u>15E</u>	<u>8</u>	<u>NE NE</u>	<u>1400</u>	<u>agriculture</u>	☒ Diverted	☒ Conveyed	☒ Used	<u>irrigation</u>
<u>26S</u>	<u>15E</u>	<u>8</u>	<u>NW NE</u>	<u>1400</u>	<u>agriculture</u>	☐ Diverted	☒ Conveyed	☒ Used	<u>irrigation</u>
<u>26S</u>	<u>15E</u>	<u>8</u>	<u>SW NE</u>	<u>1400</u>	<u>agriculture</u>	☐ Diverted	☒ Conveyed	☒ Used	<u>irrigation</u>
<u>26S</u>	<u>15E</u>	<u>8</u>	<u>SE NE</u>	<u>1400</u>	<u>agriculture</u>	☐ Diverted	☒ Conveyed	☒ Used	<u>irrigation</u>

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Lake County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- ☐ Permit to Use or Store Water ☒ Water Right Transfer ☐ Permit Amendment or Ground Water Registration Modification
☐ Limited Water Use License ☐ Allocation of Conserved Water ☐ Exchange of Water

Source of water: ☐ Reservoir/Pond ☒ Ground Water ☐ Surface Water (name) _____

Estimated quantity of water needed: 1.563 ☒ cubic feet per second ☐ gallons per minute ☐ acre-feet

Intended use of water: ☒ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for _____ household(s)
☐ Municipal ☐ Quasi-Municipal ☐ Instream ☐ Other _____

Briefly describe:

Transferring acres from an the outside of a large pivot to re-develop a pivot system that is not in use and not covered by a water right.

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. →

Oregon Water Resources Department
Ground Water Registration Modification

[Main](#) [Help](#)
[Return](#) [Contact Us](#)

Today's Date: Wednesday, November 5, 2025

**Fee
Calculation**

Fill in information below-- Check each box that applies.

- ☒ Place of Use
- ☒ Point of Diversion (POD)/Appropriation (POA); and/or Additional POD/POA; and/or SW POD to GW POD
- ☒ Character of Use

Ground Water Modification Fee

\$1,250.00

Calculate

Clear

Received
DEC 08 2025
OWRD

Received
NOV 17 2025
OWRD

14781 -

Part 3 of 4 – Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME Kittredge Properties LLC5			PHONE NO. 541-576-2236	ADDITIONAL CONTACT NO. Received
ADDRESS P.O. Box 149			FAX NO. DEC 08 2025	
CITY Fort Rock	STATE OR	ZIP 97735	E-MAIL hay2ufortrock@yahoo.com OWRD	
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

APPLICANT/BUSINESS NAME SHN Engineers & Geologists, Inc.			PHONE NO. 541-947-4407	ADDITIONAL CONTACT NO.
ADDRESS P.O. Box 28			FAX NO. 541-947-2321	
CITY Lakeview	STATE OR	ZIP 97630	E-MAIL danderson@shn-engr.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 modification; and why:
This modification will allow for the efficient use of water covered under the registration that is not being utilized with its current configuration

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

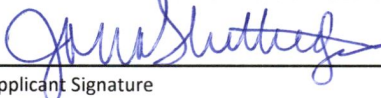
☒ Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

(Check one box)

- ☒ By signing this application, I (we) understand that, upon receipt of the draft preliminary determination and prior to Department approval of the Groundwater modification, I (we) will be required to provide landownership information and evidence that I am authorized to pursue the modification as identified in OAR 690-382-0400(16)(a); **OR**
- ☐ I (we) affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of the municipality or a predecessor; **OR**
- ☐ I (we) affirm that the applicant is an entity with the authority to condemn property and is acquiring the property to which the Groundwater registration proposed for modification is appurtenant by condemnation and have attached supporting documentation.

I understand that prior to Department approval of the groundwater registration modification, 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 groundwater registration 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 paper: Lake County Examiner.

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


Applicant Signature

Jana S Kittredge, member
Print Name (and Title if applicable)

11/12/25
Date

Received
NOV 17 2025

Applicant Signature

Print Name (and Title if applicable)

Date

OWRD

Is the applicant the sole owner of the land on which the Groundwater registration modification or portion thereof, is located? ☒ Yes ☐ No *If NO, 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 Groundwater registration has been conveyed.*

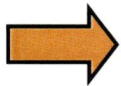
Check the appropriate box, if applicable:

- ☐ Check here if the Groundwater registration proposed for modification is or will be located within or served by an irrigation or other water district.

IRRIGATION DISTRICT NAME NA	ADDRESS	
CITY	STATE	ZIP

- ☐ Check here if water for the Groundwater registration is supplied under a water service agreement or other contract with a federal agency or other entity.

ENTITY NAME NA	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	CITY Lakeview

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

Received

DEC 08 2025

OWRD

Received

NOV 17 2025

OWRD

Part 4 of 4 – Groundwater Registration Information

Please use a separate Part 4 for each registration being modified. See instructions on page 5, to copy and paste additional Part 4s, or to add additional rows to tables within the form.

Groundwater Registration # GR-1500 (Certificate # GR-1450)

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

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

POA Name or Number	Is this POA Authorized by the registration or is it Proposed?	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 #3	☒ Authorized ☐ Proposed	LAKE 406	26 S	15 E	17	SE SE	2200	150' NORTH AND 350' WEST OF THE SE CORNER, SECTION 17
Well #1	☐ Authorized ☒ Proposed	LAKE 4384	26 S	15 E	17	NE SE	2200	1930' NORTH AND 700' WEST OF THE SE CORNER, SECTION 17
Well #2	☐ Authorized ☒ Proposed	LAKE 388	26 S	15 E	8	2E 2E	1400	1310' SOUTH AND 1320' WEST OF THE NE CORNER SECTION 8

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

- ☒ Place of Use (POU)
☒ Character of Use (USE)

☒ Point of Appropriation (well) (POA)
☐ Additional Point of Appropriation (APOA)

Will all of the proposed changes affect the entire Groundwater registration?

- ☒ Yes
☐ No

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

Complete all of Table 2 to describe the portion of the registration to be changed.

Received

DEC 08 2025

OWRD

Received

NOV 17 2025

OWRD

Please use and attach additional pages of Table 2 as needed.
See page 5 for instructions.

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

Table 2. Description of Modifications to Registration GR-1500 (Certificate # GR-1450)

List only the part of the registration that will be modified. For the acreage in each ¼ ¼, list the modification proposed. If more than one modification, specify the acreage associated with each modification. If more than one POA, specify the acreage associated with each POA.

AUTHORIZED (the “from” or “off” lands) The listing that appears in the registration BEFORE PROPOSED CHANGES List only that part or portion of the groundwater registration that will be changed.											Proposed Changes (see “CODES” from previous page)	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	Type of USE listed on Certificate	POA(s) (name or number from Table 1)		Priority Date	Twp	Rng		Sec	¼ ¼		Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POA(s) to be used (from Table 1)	Priority Date		
26	S	15	E	17	SW	NE	2200		15.00	Irrigation	Well #3	12/31/ 1922	POU/USE	26	S	15	E	8	NE	NE	1400		15.27	Supp. Irrigation	Well #2	12/31/ 1922
26	S	15	E	17	SE	NE	2200		15.00	Irrigation	Well #3	12/31/ 1922	POU/USE	26	S	15	E	8	NW	NE	1400		15.28	Supp. Irrigation	Well #2	12/31/ 1922
26	S	15	E	17	NE	SE	2200		40.0	Irrigation	Well #3	12/31/ 1922	POU/USE	26	S	15	E	8	SW	NE	1400		15.12	Supp. Irrigation	Well #2	12/31/ 1922
26	S	15	E	17	NW	SE	2200		40.0	Irrigation	Well #3	12/31/ 1922	POU/USE	26	S	15	E	8	SE	NE	1400		15.12	Supp. Irrigation	Well #2	12/31/ 1922
26	S	15	E	17	SW	SE	2200		40.0	Irrigation	Well #3	12/31/ 1922	POU/POA	26	S	15	E	16	SW	NE	2200		3.32	Irrigation	Well #1	12/31/ 1922
26	S	15	E	17	SE	SE	2200		40.0	Irrigation	Well #3	12/31/ 1922	POU/POA	26	S	15	E	16	NW	SW	2200		5.65	Irrigation	Well #1	12/31/ 1922
													POU/POA	26	S	15	E	16	SW	SW	2200		3.45	Irrigation	Well #1	12/31/ 1922
													POU/POA	26	S	15	E	17	SW	NE	2200		3.58	Irrigation	Well #1	12/31/ 1922
													POU/POA	26	S	15	E	17	SE	NE	2200		5.64	Irrigation	Well #1	12/31/ 1922
													POU/POA	26	S	15	E	17	NW	SE	2200		5.66	Irrigation	Well #1	12/31/ 1922
													POU/POA	26	S	15	E	17	SW	SE	2200		3.68	Irrigation	Well #1	12/31/ 1922
													POU/POA	26	S	15	E	17	SE	SE	2200		4.44	Irrigation	Well #1	12/31/ 1922

Received
DEC 08 2025
OWRD

Received
NOV 17 2025
OWRD

Table 2. Description of Modifications to Registration GR-1500 (Certificate # GR-1450)

List only the part of the registration that will be modified. For the acreage in each ¼ ¼, list the modification proposed. If more than one modification, specify the acreage associated with each modification. If more than one POA, specify the acreage associated with each POA.

AUTHORIZED (the “from” or “off” lands) The listing that appears in the registration BEFORE PROPOSED CHANGES List only that part or portion of the groundwater registration that will be changed.										Proposed Changes (see “CODES” from previous page)	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	Type of USE listed on Certificate		POA(s) (name or number from Table 1)	Priority Date	Twp	Rng		Sec	¼ ¼		Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POA(s) to be used (from Table 1)	Priority Date	
												POA/USE	26	S	15	E	17	SW	NE	2200		2.00	Supp. Irrigation	Well #1	12/31/ 1922
												POA/USE	26	S	15	E	17	SE	NE	2200		9.05	Supp. Irrigation	Well #1	12/31/ 1922
												POA/USE	26	S	15	E	17	NE	SE	2200		38.80	Supp. Irrigation	Well #1	12/31/ 1922
												POA/USE	26	S	15	E	17	NW	SE	2200		31.06	Supp. Irrigation	Well #1	12/31/ 1922
												POA/USE	26	S	15	E	17	SW	SE	2200		7.12	Supp. Irrigation	Well #1	12/31/ 1922
												POA/USE	26	S	15	E	17	SE	SE	2200		15.76	Supp. Irrigation	Well #1	12/31/ 1922
TOTAL ACRES								190.00				TOTAL ACRES								190.00					

Additional remarks: **The primary irrigation area being moved and changing POA does not have overlaying rights. The area remaining, changing POA, and diminishing to supplemental is layered with the portion of certificate 53854 that is not affected by transfer T13689. The area that is moving, changing POA, and is being diminished to supplemental is the portion of the right that is layered with certificate 53854 that is being in another transfer.**

Received
DEC 08 2025
OWRD

Received
NOV 17 2025
OWRD

Groundwater Registration # GR-1500 (Certificate # GR-1450)

For a modification in place of use or character of use:

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

If YES, list the other certificate, water use permit, or other Groundwater registration numbers:

CERTIFICATE 53854



Pursuant to OAR 690-382-0200, any "layered" water use, such as an irrigation right that is supplemental to a primary irrigation right proposed for transfer, must be concurrently transferred with the registration or be cancelled. Any change to a water right must be filed separately in a transfer application. Any change to a water use permit must be filed separately with a permit amendment. Any modification to a Groundwater registration on the "to" lands must be filed separately with a Groundwater registration modification.

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

- ☒ Well log(s) are attached for each well 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/)

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 adequate information is likely to delay the processing of your modification 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 #1	Yes	LAKE 4384	154'	14"	+2-85	0-18'	NA	23	Lava rock	3.2308
Well #3	Yes	LAKE 406	250'	18", 12", 8"	0-220'	Unknown	Unknown	26.2'	Cinders	2.1971
Well #2	Yes	LAKE 338	280'	12"	0-40'	-0-20'	NA	20'	Lava rock	1.563

Received

DEC 08 2025

OWRD

Received

NOV 17 2025

OWRD

STATE ENGINEER

Salem, Oregon

Well Record

GR- 1450

STATE WELL NO. 26/15-17R

COUNTY Lake

APPLICATION NO. GR- 1500

OWNER: Morehouse Ranch

MAILING

ADDRESS:

LOCATION OF WELL: Owner's No.

CITY AND

STATE: Fort Rock, Oregon

SE 1/4 SE 1/4 Sec. 17 T. 26 S., R. 15 E. XX, W.M.

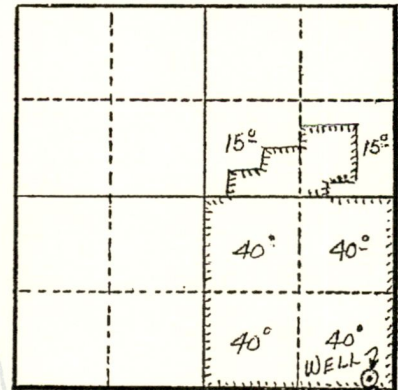
Bearing and distance from section or subdivision

corner 350' W. & 150' N. from SE cor. Sec. 17

Altitude at well 4315

TYPE OF WELL: Drilled Date Constructed 1922

Depth drilled 250' Depth cased 220'



Section 17

CASING RECORD:

18" steel from 0 to 40 ft.

12" steel from 40 to 120 ft.

8" steel from 120 to 220 ft.

Received

NOV 17 2025

Received

DEC 08 2025

FINISH:

OWRD

OWRD

AQUIFERS:

CINDERS ?

WATER LEVEL:

26.2'

30' BELOW LAND SURFACE 1940

30.52' ✓ ✓ ✓ SEPT. 27, 1949

PUMPING EQUIPMENT: Type Sterling turbine 10" x 16" H.P. 20
Capacity 1450 G.P.M.

WELL TESTS:

Drawdown 8 ft. after hours PUMPING 1450 G.P.M.

Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. 68 °F. 19

SOURCE OF INFORMATION GR record

DRILLER or DIGGER

ADDITIONAL DATA:

Log X Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Irrigation of 190 acres.

ONE OF FOUR TEST WELLS DRILLED FOR STATE

KNOWN AS "ERNST WELL" HARDNESS 20 PPM, CHLORIDE 4 PPM

STATE ENGINEER
Salem, Oregon

State Well No. 26/15-17B
County Lake
Application No. GR-1500

Well Log

Owner: Morehouse Ranch Owner's No. _____

Driller: A. M. JANNSEN Date Drilled 1922

[illegible]

Salem, Oregon

County Lake

Application No.

Water Level Record

OWNER: Robert Moorehouse

OWNER'S NO. 4 /

Description of measuring point: *Small hole on NE corner of pump base plate
over casing at 00 LSD.*

Date	Water Level Feet (above) Land Surface	Remarks	Date	Water Level Feet (above) Land Surface	Remarks
1940	30.0				
9/27/49	30.52	VSGB.			
5/17/56	26.20	WSB.			
8-28-56	25.30	"			
10-16-56	26.06	"			Received
4-30-57	25.72	WSB			NOV 17 2025
8-20-57	25.70	WSB			OWRD
10-24-57	25.51	WSB			Received
4-23-58	25.24	WSB.			DEC 08 2025
10-14-58	29.14 ^{P.O.}	WSB Draw down			OWRD
5.13.59	26.05	JES - WSB			
10.16.59	24.80	WSB			
4-28-60	-	JES-WSB Pump operating			
10-26-60	24.88	WSB			
5-3-61	24.52	WSB			
10-17-61	25.13	WSB & RD			

REMARKS:

See hydrograph

March 1, 1957

Mr. Robert Morehouse
Fort Rock Grange No. 758
Fort Rock, Oregon

Dear Mr. Morehouse:

Received
NOV 17 2025
Received
DEC 08 2025
OWRD
OWRD

This letter, which summarizes our present knowledge of available ground-water supply in the Fort Rock Basin and sets forth our policy in regard to future ground-water appropriations in that area, has been prepared for your use in response to your recent resolution concerning the ground-water supply of Fort Rock Basin. The Fort Rock Basin as used herein includes the Christmas Lake, Silver Lake, and Fort Rock area.

Ground-water investigations have been made in the Fort Rock Basin by the Ground Water Branch of the U. S. Geological Survey. The Survey has released two reports "Basic Ground Water Data in Lake County, Oregon" by F. D. Trauger in 1950, and "Ground Water Available for Irrigation in the Fort Rock Basin, Northern Lake County, Oregon" by R. C. Newcomb in 1953. A comprehensive report describing the geology and occurrence of ground water in the area is in preparation.

Our knowledge of available ground-water supply in the Fort Rock Basin has not changed appreciably from that set forth by Newcomb in 1953. He estimated the average annual recharge to the ground-water reservoirs underlying the area and the approximate distribution of the supply. Recharge which is derived chiefly from the precipitation that falls on the uplands surrounding the basin is estimated to be equivalent to one inch of water over the $1\frac{1}{2}$ million acres that are tributary to the ground-water reservoirs. This amount is equal to 125,000 acre ft. of water per year. A small part of this recharge is withdrawn for irrigation; an estimated 50,000 acre ft. is transpired by plants back into the atmosphere, and approximately 75,000 acre ft. moves to a subsurface outlet located near Hole-in-the-Ground, a few miles northwest of Fort Rock. The magnitude of this subsurface outflow would have to be in the order of 100 c.f.s. or 45,000 g.p.m. to equal 75,000 acre ft. per year. Whether this outflow moves north to the Dechutes River or south to Ana Springs is not known.

March 1, 1957

✓ The water table in the Fort Rock Basin fluctuates with changes in the amount of precipitation. Available information indicates that there is an 8 to 10-year lag between a fluctuation in precipitation and a corresponding response in the water table. Water level measurements in observation wells show that the water table declined from the early 30's till the mid or late 40's and has been rising since that time. Water levels in wells in the Fort Rock Basin are at record high positions at the present time.

In a ground-water development like that in the Fort Rock Basin, the water pumped for irrigation must be derived either from that going to waste by transpiration or from that leaving the basin as subsurface outflow, or the pumping will result in mining of the ground-water supply. In areas of ground-water mining, the water table lowers a little each year until it is impossible or unprofitable to pump water for irrigation. Since it is improbable that the amount of subsurface outflow will be appreciably changed without a substantial lowering of the water table, it is presumed that most of the water available for irrigation will be diverted from that now going to waste by transpiration. The available data will not permit us to make an estimate of the quantities of water that can be diverted from that now going to waste through natural discharge.

✓ Our policy in regard to issuing permits for irrigation wells in the Fort Rock Basin will have to be based upon the changes that take place in the position of the water table as development proceeds. Last year, only about 5,000 acre ft. of water was pumped. This diversion caused little apparent change in the position of the water table; in fact, the water table in some wells was higher after the close of the irrigation season than it was at the beginning. We have established an observation well net of about 80 wells in the Fort Rock Basin. This net, which will be expanded as development proceeds, will give forewarning of any problem areas that develop. If problems do develop, it will be a matter of determining whether a critical ground-water area exists as set forth in ORS 537.730. If it is found that part of the basin has become a critical ground-water area due to over pumpage, there will have to be a reduction in ground-water withdrawals based upon the priorities of various appropriators in the area concerned.

In regard to your resolution, it would be impossible at this time for us to set any figure as to the number of acres that can be irrigated by ground water in the Fort Rock Basin. Besides the unknown factor of the quantity of water available, such additional factors as location of wells, irrigation practices, and future climatic conditions will all have their effect on the overall development of the basin. At the present time, there is no critical area developing in the Fort Rock Basin, water levels are at record highs, and developments are being distributed over a large part of the basin. Since only time and the continued collection of data will give us the answer as to how much ground water is available, we will continue to issue permits for irrigation wells so long as they do not appear to substantially interfere with existing rights.

Very truly yours,

Received
DEC 08 2025

LEWIS A. STANLEY
State Engineer

Received
NOV 17 2025

JES:lac

OWRD

OWRD

14781 -

the original and first copy of this report
are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310

within 30 days from the date
of well completion

WATER WELL REPORT

STATE OF OREGON

(Please type or print) MAR 3 1 1982

(Do not write above this line)

State Well No.

State app. 6-1500
State Permit No.

WATER RESOURCES DEPT

265/15E-8a
G-6980
576-2297

(1) OWNER:

Name RICHARD N. WIDENOJA

Address STAR ROUTE
SILVER LAKE, ORE. 97638

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) CASING INSTALLED:

Threaded ☐ Welded ☐
12" Diam. from G.L. ft. to 40 ft. Gage 1/4"
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? ☐ Yes ☒ No

Type of perforator used

Size of perforations in. by in.
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? SELF

Yield: 800 gal./min. with 6 ft. drawdown after 2 hrs.

1100 " 12 " 4 "

" 1400 " 22 " 6 "

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

Artesian flow g.p.m.

Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT

Well sealed from land surface to 20 ft.

Diameter of well bore to bottom of seal 16 in.

Diameter of well bore below seal 12 in.

Number of sacks of cement used in well seal 16 sacks

How was cement grout placed? PRESSURE GROUTED

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

Did any strata contain unusable 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:

County LAKE

Driller's well number

NE 1/4 1/4 Section 8 T. 26S R. 15E W.M.

Bearing and distance from section or subdivision corner

1318 ft. S., then 1318 ft. WEST
of N.E. CORNER

(11) WATER LEVEL: Completed well.

Depth at which water was first found 24 ft.

Static level 20 ft. below land surface. Date

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 12"

Depth drilled 280 ft. Depth of completed well 280 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.

MATERIAL	From	To	SWL
SANDY LOAM	0	10	
CLAY	10	19	
DIATOMACEOUS DIRT	19	22	
BLACK SAND	22	39	
WHITE DIATOMACEOUS DIRT	39	80	
BLUISH CLAY	80	233	
BLACK SAND	233	235	
VOLCANIC ROCK	235	236	
BASALT	236	276	
BROKEN ROCK	276	280	

Work started 12/15 19 77 Completed 8/28 19 80

Date well drilling machine moved off of well 2/15 19 79

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.

[Signed] _____ Date _____, 19____
(Drilling Machine Operator)

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 _____
(Person, firm or corporation) (Type or print)

Address _____

[Signed] Richard N. Widenoja
(Water Well Contractor)

Contractor's License No. _____ Date Mar. 31, 19 82

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report
are to be filed with the

WATER RESOURCES DEPARTMENT.

SALEM, OREGON 97310

within 30 days from the date

of well completion.

LAKE 4384

RECEIVED

SEP 28 1977

STATE OF OREGON

(Please type or print)

WATER RESOURCES DEPT.

State Well No.

265/15E-72

State Permit No.

G-8251

(1) OWNER:

SALEM, OREGON

Name R.R. TuttleAddress FOET ROCK DR. 97735

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒1" Diam. from +2 ft. to -85 ft. Gage 1250

" Diam. from " ft. to " ft. Gage "

" Diam. from " ft. to " ft. Gage "

PERFORATIONS:

Perforated? ☐ Yes ☒ No.

Type of perforator used

Size of perforations in. by in.

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

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

" " " "

" " " "

AIR test 180 gal./min. with 30 ft. drawdown after 6 hrs.

Artesian flow g.p.m.

Temperature of water 62° Depth artesian flow encountered " ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT TYPE 1-11Well sealed from land surface to -18' ft.Diameter of well bore to bottom of seal 18" in.Diameter of well bore below seal 16 in.Number of sacks of cement used in well seal 8 sacksHow was cement grout placed? GRAVITY FLOWWas a drive shoe used? ☐ Yes ☒ No Plugs Size: location " ft.Did any strata contain unusable 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:

County LAKE

Driller's well number

NE 1/4 SE 1/4 Section 17 T.26S R.15E 700' W.M.Bearing and distance from section or subdivision corner 1000 FT.W 1/4 SE CORNER OF SEC 17

(11) WATER LEVEL: Completed well.

Depth at which water was first found 23 ft.

Static level ft. below land surface. Date

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 12"Depth drilled 154 ft. Depth of completed well 150 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.

MATERIAL	From	To	SWL
BEN SOIL SANDY	0	2	
DIATOMITE	2	23	
GRAY CLAY-FINE BLK SAND	23	70	
GRAY CLAY	70	85	
CONGLOMERATE	85	90	
BLK-BEN BRN ROCK W/	90	115	
BRN BLACK LAVA RIBS	115	130	
" BASALT	130	154	

Received

NOV 17 2025

OWRD

Received

DEC 08 2025

OWRD

Work started 7-9 1977 Completed 7-16 1977

Date well drilling machine moved off of well 7-18 1977

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.

[Signed] W.D. Williams Date 7-31, 1977

(Drilling Machine Operator)

Drilling Machine Operator's License No. 864

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 Aqua Tre Drilling (Type or print)Address P.O. Box 1310, Lakeview, OR 97630[Signed] William D. Williams (Water Well Contractor)Contractor's License No. 665 Date 7-31, 1977

