

Application for a Permit to Use
Groundwater

Received by OWRD
JAN 30 2026
Salem, OR



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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant

NAME Daniel Joss		PHONE (HM)	
PHONE (WK)	CELL	FAX	
MAILING ADDRESS PO Box 68			
CITY Port Orford	STATE OR	ZIP 97465	E-MAIL*

Organization

NAME KLS LLC		PHONE		FAX
MAILING ADDRESS PO Box 68			CELL	
CITY Port Orford	STATE OR	ZIP 97465	E-MAIL*	

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

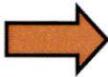
AGENT / BUSINESS NAME William Ferber/BK Water Right Consulting LLC		PHONE		FAX
MAILING ADDRESS PO Box 13			CELL 503.910.9212	
CITY Brush Prairie	STATE WA	ZIP 98606	E-MAIL* bill@bkwrc.com	

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the Department electronically. (Paper copies of the proposed and final order documents will also be mailed.)

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.



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

Daniel Joss

Applicant Signature

Daniel Joss, Manager

Print Name and Title if applicable

1/27/2026

Date

Applicant Signature

Print Name and Title if applicable

Date

For Department Use: App. Number: _____

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SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

- YES, there are no encumbrances.
- YES, the land is encumbered by easements, rights of way, roads or other encumbrances.
- NO, I have a recorded easement or written authorization permitting access.
- NO, I do not currently have written authorization or easement permitting access.
- NO, written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
- NO, because water is to be diverted, conveyed, and/or used only on federal lands.

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Affected Landowners: List the names and mailing addresses of all owners of any lands that are not owned by the applicant and that are crossed by the proposed ditch, canal or other work, even if the applicant has obtained written authorization or an easement from the owner. *(Attach additional sheets if necessary).*

- TAX LOT 3215-00 -04400-00 -KNAPP RANCHES, INC, PO BOX 32, PORT ORFORD, OR 97465
- TAX LOT 3215-29C -00300-00 - KNAPP RANCHES, INC, PO BOX 32, PORT ORFORD, OR 97465
- TAX LOT 3215-29C -00299-00 - CURRY COUNTY, 94235 MOORE ST, SUITE 122, GOLD BEACH, OR 97444
- TAX LOT 3215-00 -06300-00 - CPO LLC, PO BOX 4902, EDWARDS, CO 81632
- TAX LOT 3215-29C -00298-00 - CURRY COUNTY, 94235 MOORE ST, SUITE 122, GOLD BEACH, OR 97444
- TAX LOT 3215-29C -00500-00 - KNAPP RANCHES, INC, PO BOX 32, PORT ORFORD, OR 97465

Legal Description: You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
East Well	Unk Stream	565'	approx 30' below well head
West Well	Unk Stream	535'	approx 34' below well head
North Well	Unk Stream	535'	approx 27' below well head'

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials (*attach additional sheets if necessary*).

West well - Original Log CURR_53313 drilled April 11, 2015. Altered Log CURR_53331 alt January 17, 2025.
Attached

East Well - Original Log CURR_53313 drilled April 18, 2015. Altered Log CURR_53332 alt January 30, 2025.
Attached

Proposed North Well not drilled as of the date of this application.

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SECTION 3: WELL DEVELOPMENT, continued

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Total maximum rate requested: See Below (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. (*If a well log is available, please submit it in addition to completing the table.*) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
West Well	<input type="checkbox"/>	<input checked="" type="checkbox"/>	L116515	<input type="checkbox"/>	10"	+1.58 - 43	Screens 140 - 150 155 - 160 165 - 170	0 - 43	18.67 FT AMSL; 8/22/25	QUATERNARY MIDDLE MARINE TERRACE DEPOSITS	178.0	~211	Combine d total of 815
East Well	<input type="checkbox"/>	<input checked="" type="checkbox"/>	L116519	<input type="checkbox"/>	10"	+2 - 43	Screens 90 - 115 115 - 129 127 - 141	0 - 43	30.13 FT AMSL; 8/22/25	QUATERNARY MIDDLE MARINE TERRACE DEPOSITS	150.0	~152	Combine d total of 815
North Well	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	10"	TBD	TBD	TBD	N/A	QUATERNARY MIDDLE MARINE TERRACE DEPOSITS	~150- 250	~250	Combine d total of 815
	<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"/>									

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

SECTION 4: SENSITIVE, THREATENED OR ENDANGERED FISH SPECIES PUBLIC INTEREST INFORMATION

This information must be provided for your application to be accepted as complete. The Water Resources Department will determine whether the proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened or endangered fish species if your proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters.

To answer the following questions, use the map provided in [Attachment 3](#) or the link below to determine whether the proposed point of appropriation (POA) is located in an area where the Upper Columbia, the Lower Columbia, and/or the Statewide public interest rules apply.

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the rules apply:

https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

If you need help to determine in which area the proposed POA is located, please call the customer service desk at (503) 986-0801.

Upper Columbia - OAR 690-033-0115 thru -0130

Is the well or proposed well located in an area where the Upper Columbia Rules apply?

Yes No

If yes, you are notified that the Water Resources Department will consult with numerous federal, state, local and tribal governmental entities so it may determine whether the proposed use is consistent with the "Columbia River Basin Fish and Wildlife Program" adopted by the Northwest Power Planning Council in 1994 for the protection and recovery of listed fish species. The application may be denied, heavily conditioned, or if appropriate, mitigation for impacts may be needed to obtain approval for the proposed use.

If yes, and if the Department determines that proposed groundwater use has the potential for substantial interference with nearby surface waters:

- I understand that the permit, if issued, will not allow use during the time period April 15 to September 30, except as provided in OAR 690-033-0140.
- I understand that the Department of Environmental Quality will review my application to determine if the proposed use complies with existing state and federal water quality standards.
- I understand that I will install and maintain water use measurement and recording devices as required by the Water Resources Department, and comply with recording and reporting permit condition requirements.

Lower Columbia - OAR 690-033-0220 thru -0230

Is the well or proposed well located in an area where the Lower Columbia rules apply?

Yes No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine, by reviewing

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recovery plans, the Columbia River Basin Fish and Wildlife Program, and regional restoration programs applicable to threatened or endangered fish species, in coordination with state and federal agencies, as appropriate, whether the proposed use is detrimental to the protection or recovery of a threatened or endangered fish species and whether the use can be conditioned or mitigated to avoid the detriment.

If a permit is issued, it will likely contain conditions to ensure the water use complies with existing state and federal water quality standards; and water use measurement, recording and reporting required by the Water Resources Department. The application may be denied, or if appropriate, mitigation for impacts may be needed to obtain approval of the proposed use.

If yes, you will be required to provide the following information, if applicable.

Yes No The proposed use is for more than **one** cubic foot per second (448.8 gpm) and is not subject to the requirements of OAR 690, Division 86 (Water Management and Conservation Plans).

If yes, provide a description of the measures to be taken to assure reasonably efficient water use:

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Statewide - OAR 690-033-0330 thru -0340

Is the well or proposed well located in an area where the Statewide rules apply?

Yes No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine whether the proposed use will occur in an area where endangered, threatened or sensitive fish species are located. If so, the Water Resources Department, Department of Fish and Wildlife, Department of Environmental Quality, and the Department of Agriculture will recommend conditions required to achieve “no loss of essential habitat of threatened and endangered (T&E) fish species,” or “no net loss of essential habitat of sensitive (S) fish species.” If conditions cannot be identified that meet the standards of no loss of essential T E fish habitat or no net loss of essential S fish habitat, the agencies will recommend denial of the application unless they conclude that the proposed use would not harm the species.

SECTION 5: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	All year as needed	815
Storage	Year round	60
Reservoir Maintenance	Year round	60

For irrigation use only:

Please indicate the number of primary, supplemental and/or nursery acres to be irrigated (*must match map*).

Primary: 326.0 Acres Supplemental: N/A Acres Nursery Use: N/A Acres

If you listed supplemental acres, list the Permit or Certificate number of the underlying primary water right(s):

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 935

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: **(Exempt Uses:** Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.)
- If the use is **mining**, describe what is being mined and the method(s) of extraction (*attach additional sheets if necessary*):

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SECTION 6: WATER MANAGEMENT

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A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

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- Pump (give horsepower and type): Proposed: one 20 hp and two 25 hp submersible pumps
- Other means (describe):

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Ground water will be pumped from the wells via buried main line and each wells' main line will be connected into one larger main line feeding the lined reservoir. Water will be pumped from the reservoir via buried main lines to the buried irrigation system. Irrigation will typically be done at night to avoid impacts to golfers. Planned irrigation design is that Irrigation water will be applied via an in-ground high pressure system consisting of a pump station located adjacent to the reservoir, and a network of mainline and lateral pipes, leading to many individual irrigation sprinkler heads (rotors) spaced down each golf hole.

The pump station is comprised of multiple vertical turbine VFD pumps, mounted to a skid that sits atop a wet well. The nighttime irrigation window can be further limited by wind, so the pump station is normally in the 2000 gallon per minute range. A self-cleaning filtration system, and totalizing flow meter are also part of the pump station. The operating pressure tends to be 105 psi at the pump station, and 80 psi at each rotor.

The mainline is generally installed at depth of at least 24" and the lateral lines at least 16". The irrigation software program ensures the pump station operates efficiently throughout the irrigation cycle, balancing water flow and the system hydraulics. Along with an integrated on-site weather station, the irrigation software provides efficient control of the irrigation system with real time adjustments for wind and weather.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) (*attach additional sheets if necessary*)

The application system is a series of high-pressure sprinkler rotors. The rotors are installed on a 60' triangular grid, and there are typically about 15 rotors per acre of irrigated turfgrass. Depending on the total area of irrigated acres, a golf course may have 1000 -2000 rotors.

Each rotor has a control valve, and an internal gear drive that can be adjusted to operate in a full, or part circle (limiting the irrigation arc). The rotors are controlled individually by a central computer, and the irrigation control software program optimizes the flow of the pump station as the irrigation cycle proceeds.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters (*attach additional sheets if necessary*).

The amount of water requested is based upon typical water needs in this region to maintain the turfgrass sward for a quality golf course. Golf is best played on firm and fast turfgrass, so the amount of irrigation water is carefully considered and is based on the daily evapotranspiration (ET) as determined by the on-site weather station, and underground moisture sensors. The weather station,

and moisture sensors are integrated with the irrigation system and the system can adjust in real time; such as pausing the irrigation cycle for a rain event. The system will include approximately 75 moisture sensors set at 3, 6, and 9 inches below ground surface.

While there will be totalizing meters at each well, and the pump station, the irrigation control software also tracks the amount of irrigation applied. The attributes of each rotor (gpm, full circle, part circle, drip) are entered into the software, resulting in a theoretical flow amount. The software will also only allow a rotor to turn one rotation at a time, typically three minutes. If more water is planned in that cycle, the software will wait until a least 30 minutes before allowing that rotor to operate again. This action is referred to as cycle/soak, and it can also be adjusted in real time to the ambient conditions. The arc, radius, and trajectory of the applied water can all be adjusted at each rotor, so the application of irrigation water can be very precise around any feature. As further explained in Section 10, below, the attached Groundwater Rights Hydrogeologic Assessment Report demonstrates water use will not impact surface waters, including wetlands. The source is not connected to surface waters. In addition, there is a sufficient buffer area between irrigated acreage and surface water to ensure no contamination from irrigation runoff. The development includes a Stormwater Management Plan.

SECTION 7: PROJECT SCHEDULE

- a) Date construction will begin: As soon as the Water Right Permit is issued.
- b) Date construction will be completed: Five years from the date of the Water Right Permit
- c) Date beneficial water use will begin: Five years from the date of the Water Right Permit

SECTION 8: RESOURCE PROTECTION

In granting permission to use water the state encourages, and in some instances requires, careful control of activities that may affect adjacent waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

- Water quality will be protected by preventing erosion and run-off of waste or chemical products.
Describe: Water quality and riparian areas will be protected during development through implementation of a Sediment and Erosion Control Plan. Best management practices will include the use of silt fences, straw bales, wattles, or other protective barriers to prevent runoff into surface waters and wetlands. All wetlands and waters will be flagged for avoidance during construction and will not be used for access or staging. No equipment will be fueled or serviced within 50 feet of wetlands and waters
- Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas.
Note: If disturbed area is greater than one acre, applicant should contact the Oregon Department of Environmental Quality to determine if a 1200C permit is required.
Describe planned actions and additional permits required for project implementation: If needed we will apply for a DEQ 1200C permit.

- Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: N/A

SECTION 9: WITHIN A DISTRICT

- Check here if the point of appropriation (POA) or place of use (POU) are located within or served by an irrigation or other water district.

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Irrigation District Name	Address	
City	State	Zip

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SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (*attach additional sheets if necessary*).

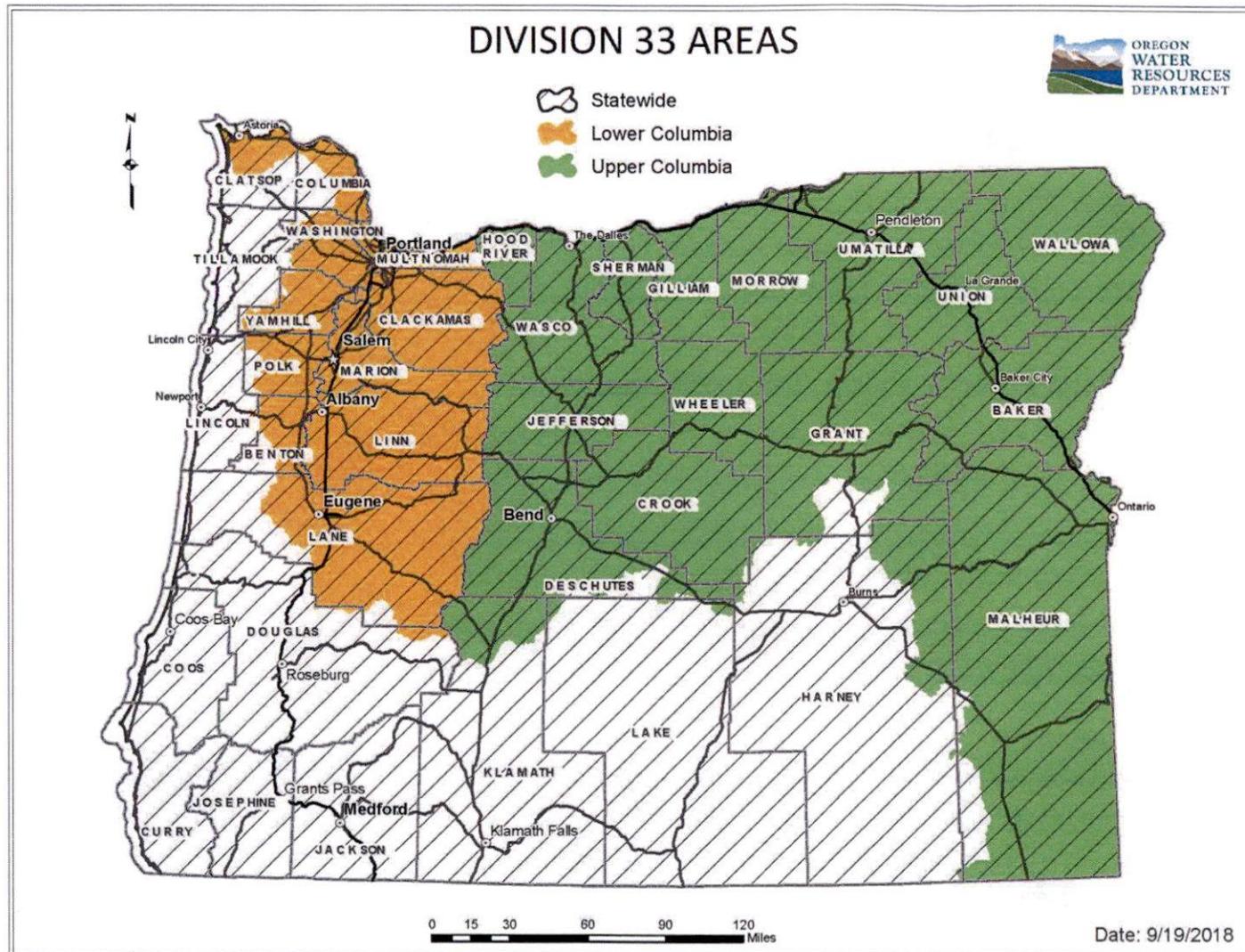
The reservoir will typically be used as a bulge in the system unless there are pump issues resulting in use of the stored water.

A new Alternate Reservoir Application is involved with this application and at this time has not been assigned an application number.

- Attached documents:
- Signed Land Use Form
 - Property Legal Description
 - Place of Use Table
 - Well Logs for Drilled Proposed POAs
 - Groundwater Rights Hydrogeologic Assessment Report 1-12-26

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Figure 1: Map of Division 33 Areas



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For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the Division 33 rules apply: https://apps.wrd.state.or.us/apps/misc/lkp_trsqg_features/

Minimum Requirements Checklist

Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.140)

Include this checklist with the application

Check that each of the following items is included. The application will be returned if all required items are not included. If you have questions, please call the Water Rights Customer Service Group at (503) 986-0900.

Please submit the original application and signatures to the Water Resources Department. Applicants are encouraged to keep a copy of the completed application.

- SECTION 1: Applicant Information and Signature
- SECTION 2: Property Ownership
- SECTION 3: Well Development
- SECTION 4: Sensitive, Threatened or Endangered Fish Species Public Interest Information
- SECTION 5: Water Use
- SECTION 6: Water Management
- SECTION 7: Project Schedule
- SECTION 8: Resource Protection
- SECTION 9: Within a District
- SECTION 10: Remarks

Include the following additional items:

- Land Use Information Form with approval and signature of local planning department (*must be an original*) or signed receipt.
- Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.
 1. Fees - Amount enclosed: \$6,960.00
See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.
- Map that includes the following items:
 - Permanent quality and drawn in ink
 - Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
 - North Directional Symbol
 - Township, Range, Section, Quarter/Quarter, Tax Lots
 - Reference corner on map
 - Location of each diversion, by reference to a recognized public land survey corner (distances north/south and east/west)
 - Indicate the area of use by Quarter/Quarter and tax lot identified clearly.
 - Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
 - Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)

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Place of Use Table

Township	Range	Section	1/4-1/4	DLC	Taxlot	Acres	Irrigation Type	Permit
32S	15W	19	SESE	-	4400	0.23	Primary	New
32S	15W	29	SWSW	-	300	25.46	Primary	New
32S	15W	29	NWNW	-	4400	10.14	Primary	New
32S	15W	29	NWSW	-	300	25.50	Primary	New
32S	15W	29	SENW	-	4400	40.00	Primary	New
32S	15W	29	SWNW	-	4400	40.00	Primary	New
32S	15W	30	NENE	-	4400	18.62	Primary	New
32S	15W	30	NESE	-	4400	40.00	Primary	New
32S	15W	30	NWNE	-	4400	27.28	Primary	New
32S	15W	30	NWSE	-	4400	24.21	Primary	New
32S	15W	30	SENE	-	4400	26.54	Primary	New
32S	15W	30	SWNE	-	4400	26.74	Primary	New
32S	15W	30	SWSE	-	6300	11.71	Primary	New
32S	15W	30	SESE	-	6300	9.57	Primary	New

0.23 S19 Total Primary

141.10 S29 Total Primary

184.67 S30 Total Primary

326 Total Primary Acres

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Amended 01/28/2025
STATE OF OREGON
WATER SUPPLY WELL REPORT

CURR 53312

WELL I.D. LABEL# L 116515
START CARD # 1026067
ORIGINAL LOG #

(as required by ORS 537.545 & 537.765 and OAR 690-205-0210) 12/6/2024

(1) LAND OWNER Owner Well I.D. 1529 (WEST WELL)
First Name C/O PACIFIC GALES Last Name
Company KNAPP RANCHES INC
Address PO BOX 790
City PORT ORFORD State OR Zip 97465

(2) TYPE OF WORK [X] New Well [] Deepening [] Conversion
[] Alteration (complete 2a & 10) [] Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stil Plstc Wld Thrd
Casing: [] [] [] [] [] [] [] []
Material From To Amt sacks/lbs
Seal: [] [] [] [] [] [] [] []

(3) DRILL METHOD
[] Rotary Air [X] Rotary Mud [] Cable [] Auger [] Cable Mud
[] Reverse Rotary [] Other

(4) PROPOSED USE [] Domestic [] Irrigation [] Community
[] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [X] Other TEST HOLE

(5) BORE HOLE CONSTRUCTION Special Standard [] (Attach copy)
Depth of Completed Well 240.00 ft.
BORE HOLE SEAL
Dia From To Material From To Amt lbs
10 0 19 Bentonite 0 19 14 S
6 19 240 Calculated 8.93
Calculated

Seal placement method: [] A [] B [] C [] D [] E [X] Other: POUR FROM SURFACE
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: [] Type Amount
Seal Placement Begin Date 4/17/2015 Begin Time 16 00

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
C/L Dia + From To Gauge Mat. Type Wld Thrd Shoe Location
C 6 [X] 1 19 0.250 ST [X]
Temp casing [X] Yes Dia 6 From + [X] 1 To 19

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Material
Perf/ Casing/ Screen Scrm/slot Slot # of Tele/
Screen Liner Dia From To width length slots Pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
Type of Test Yield (gal/min) Drawdown Drill Stem/ Pump Depth Duration (hr)
Temperature 54 °F Lab analysis [] Yes By
Water quality concerns? [] Yes (describe below) TDS amount 139 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CURRY Twp 32.00 S N/S Range 15.00 W E/W WM
Sec 30 SE 1/4 of the NE 1/4 Tax Lot 4400
Tax Map Number Lot
Lat " or 42.77464000 DMS or DD
Long " or -124.51688000 DMS or DD
[] Street address of well [] Nearest address
NO# END OF KNAPP ROAD, PORT ORFORD

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 4/18/2015 15
Flowing Artesian? [] Dry Hole? []
WATER BEARING ZONES Depth water was first found 15.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)
4/18/2015 15 168 200 15

(11) WELL LOG Ground Elevation 103.41 FT
Material From To
Sandy clay w/cemented sand brn orange 0 6
Gravel m-f w/sand c-f gray tan 6 8
Gravel f-c w/sand f-c tan 8 10
Sand f-m tan 10 13
Gravel c-f w/sand c-f brn gray & orange 13 15
Gravel c gray & white 15 18
Gravel f-m w/sand f-c brown 18 24
Gravel f-c w/sand f-c black brown 24 25
Gravel c-f w/sand f-c brn white iron sta 25 32
Gravel f-m w/sand f-c brown 32 34
Gravel f-c w/sandy clay tan 34 35
Gravel f-c w/sand c-f brown red iron 35 37
Sandy clay tan 37 38
Gravel f-c w/sand c-f black brown 38 41
Sandy clay orange & tan 41 42
Gravel c-f w/sand c-f & sandy clay brown 42 43
Sandy clay orange & tan 43 47
Sand f-c w/sandy clay tan 47 49
Gravel f-c w/sand f-c brown black 49 55
Construction
Begin Date 4/10/2015 Begin Time 09 00 End Date 4/11/2015

(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 1493 Date 12/6/2024
Signed JAMES MACK SR (E-filed)
Drilling Company: BANDON WELL & PUMP COMPANY (541) 347-7867

WATER SUPPLY WELL REPORT - continuation page

CURR 53312

WELL I.D. LABEL#	L116515
START CARD #	1026067
ORIGINAL LOG #	

12/6/2024

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

BORE HOLE				SEAL		sacks/
Dia	From	To	Material	From	To	lbs
						Calculated
						Calculated
						Calculated
						Calculated

FILTER PACK			
From	To	Material	Size

(6) CASING/LINER

C/L	Dia	+	From	To	Gauge	Mat. Type	Wld	Thrd	Shoe	Shoe Location

(7) PERFORATIONS/SCREENS

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

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

Type of Test	Yield (gal/min)	Drawdown	Drill Stem/ Pump Depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)

(11) WELL LOG

Material	From	To
Sandy clay tan	55	76
Gravel c-f w/sandy clay tan brown	76	85
Gravel c-f w/sand c-f brown red	85	87
Sandy clay tan	87	92
Gravel c-f w/sand c-f brn black & red	92	94
Sandy clay w/gravel-c-f tan brown 50/50	94	97
Sandy clay w/gravel c-f orange tan 50/50	97	101
Gravel c-f w/sandy clay brn red black	101	105
Sandy clay w/gravel c-f tan gray	105	110
Gravel f-m w/sand c-f brown black	110	117
Sandy clay tan	117	118
Gravel c-f w/sand c-f brown	118	121
Gravel c-f w/sandy clay brown	121	128
Sandy clay brown & tan	128	132
Sandy clay tan & red	132	141
Gravel c-f w/sand c-f black brown *	141	145
Gravel c-f w/sand c-f & sandy clay 10% *	145	151
Sandy clay tan	151	157
Gravel c-f w/sand c-f brown *	157	160
Sandy clay tan	160	165
Gravel c-f w/sand c-f black brown	165	168
Sandy clay tan	168	190
Sandy & silty clay lenses tan	190	237
Claystone gray	237	240

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Name of person(s) who assisted with construction and Trainee License # / Helper #

Assistant Name	Type	#

Comments/Remarks

This hole was drilled 4/10/2015 as a Test Hole to grab samples for a sieve analysis to get screens for a production well for a proposed golf course. A temporary steel casing was installed and sealed to land surface. The drill rig was removed in anticipation of drilling a production well. No log was submitted because the hole hasn't been completed yet.

**STATE OF OREGON
WELL LOCATION MAP**

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301
(503)986-0900



LOCATION OF WELL

Latitude: 42.77464 Datum: WGS84

Longitude: -124.51688

Township/Range/Section/Quarter-Quarter Section:

WM 32S 15W 30 SENE

Address of Well:

NO# END OF KNAPP ROAD, PORT ORFORD

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Salem, OR

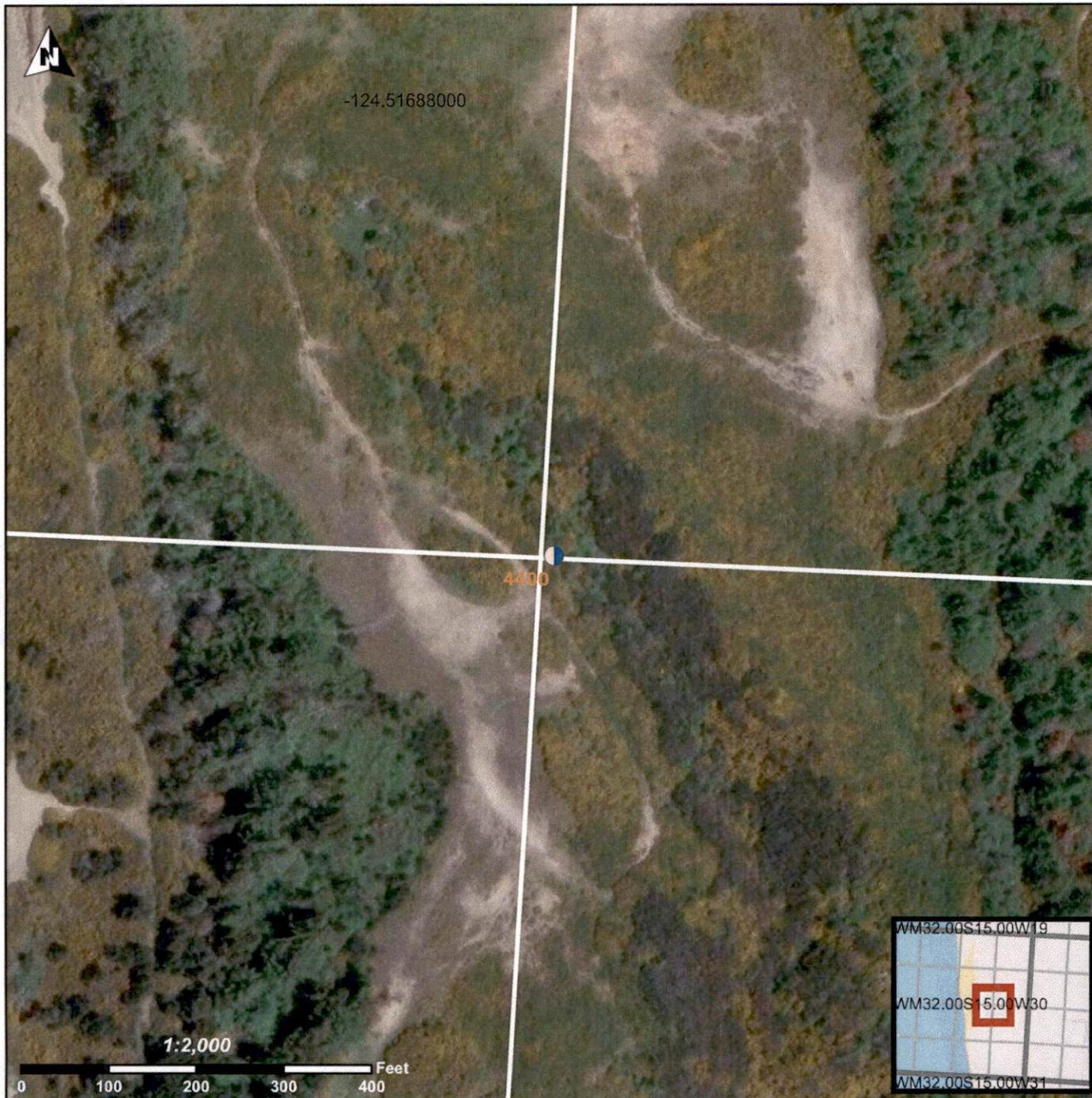
Well Label: L116515

Well Log: CURR 53312

Printed: January 28, 2025

DISCLAIMER: This map is intended to represent the approximate location of the exempt use well provided by the land owner. It is not intended to be construed as survey accurate in any manner.

Generated by OWRD



STATE OF OREGON
WATER SUPPLY WELL REPORT

CURR 53313

WELL I.D. LABEL# I 116519
START CARD # 1026132
ORIGINAL LOG #

(as required by ORS 537.545 & 537.765 and OAR 690-205-0210) 12/6/2024

(1) LAND OWNER
Owner Well I.D. 1530 (EAST WELL)
First Name C/O PACIFIC GALES Last Name
Company KNAPP RANCHES INC
Address PO BOX 790
City PORT ORFORD State OR Zip 97465

(2) TYPE OF WORK
[X] New Well [] Deepening [] Conversion
[] Alteration (complete 2a & 10) [] Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thrd
Casing:
Material From To Amt sacks/lbs
Seal:

(3) DRILL METHOD
[] Rotary Air [X] Rotary Mud [] Cable [] Auger [] Cable Mud
[] Reverse Rotary [] Other

(4) PROPOSED USE
[] Domestic [] Irrigation [] Community
[] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [X] Other TEST HOLE

(5) BORE HOLE CONSTRUCTION
Special Standard (Attach copy)
Depth of Completed Well 181.00 ft.
BORE HOLE SEAL
Dia From To Material From To Amt lbs

Seal placement method: [] A [] B [] C [] D [] E [X] Other: POUR FROM SURFACE
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: Type Amount
Seal Placement Begin Date 4/18/2015 Begin Time 15 00

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
C/L Dia + From To Gauge Mat. Type Wld Thrd Shoe Location
C 6 X 1 19 0.250 ST X

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Material
Perf/ Casing/ Screen Scrm/slot Slot # of Tele/
Screen Liner Dia From To width length slots Pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
Type of Test Yield (gal/min) Drawdown Drill Stem/ Pump Depth Duration (hr)
Temperature 54 °F Lab analysis Yes By
Water quality concerns? Yes (describe below) TDS amount 147 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CURRY Twp 32.00 S N/S Range 15.00 W E/W WM
Sec 30 NE 1/4 of the SE 1/4 Tax Lot 4400
Tax Map Number Lot
Lat " or 42.77448000 DMS or DD
Long " or -124.51221000 DMS or DD
[] Street address of well [] Nearest address
NO# END OF KNAPP ROAD, PORT ORFORD

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 4/18/2015 8
Flowing Artesian? Dry Hole?

WATER BEARING ZONES
Depth water was first found 8.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)
4/17/2015 8 144 200 8

(11) WELL LOG
Ground Elevation 71.24 FT
Material From To
Cemented sand brown 0 4
Sand c-f w/gravel c-f brown 4 5
Gravel f-m w/sand c-f brown 5 7
Sand f-c w/gravel c-f gray 7 8
Gravel f-c w/sand f-c & clay gray 8 10
Gravel c-f w/sand c-f brown 10 25
Gravel c-f w/sand c-f brown black 25 47
Gravel c-f w/sand & sandy clay org brn 47 50
Gravel f-m w/sand c-f orange brown 50 59
Sandy clay tan 59 61
Sandy clay tan w/peat 61 63
Peat 63 64
Sandy clay tan 64 65
Gravel f w/sand f-c brown 65 70
Sandy clay orange 70 71
Sandy clay tan 71 74
Gravel c-f w/sand c-f brown black 74 75
Sandy clay tan 75 77
Gravel c-f w/sand c-f brn black & orange 77 81
Construction
Begin Date 4/17/2015 Begin Time 09 00 End Date 4/18/2015

(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 1493 Date 12/6/2024
Signed JAMES MACK SR (E-filed)
Drilling Company: BANDON WELL & PUMP COMPANY (541) 347-7867

**STATE OF OREGON
WELL LOCATION MAP**

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department
725 Summer St NE, Salem OR 97301
(503)986-0900



LOCATION OF WELL

Latitude: 42.77448 Datum: WGS84

Longitude: -124.51221

Township/Range/Section/Quarter-Quarter Section:

WM 32S 15W 30 NESE

Address of Well:

NO# END OF KNAPP ROAD, PORT ORFORD

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JAN 30 2026

Salem, OR

Well Label: L116519

Well Log: CURR 53313

Printed: January 28, 2025

DISCLAIMER: This map is intended to represent the approximate location of the exempt use well provided by the land owner. It is not intended to be construed as survey accurate in any manner.

Generated by OWRD



Amended 01/28/2025-4/1/2025
STATE OF OREGON

CURR 53331

WELL I.D. LABEL# L	116515
START CARD #	1076288
ORIGINAL LOG #	CURRY 53312

WATER SUPPLY WELL REPORT

1/24/2025

(as required by ORS 537.545 & 537.765 and OAR 690-205-0210)

(1) LAND OWNER Owner Well I.D. 2199 (WEST)
 First Name KNAPP RANCH INC. Last Name _____
 Company ELK RIVER PROPERTY DEVELOPMENT
 Address PO BOX 790
 City PORT ORFORD State OR Zip 97465

(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
6	X	1.5	19	0.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Material Bentonite Chips From 0 To 19 Amt 14 Sacks/lbs

Seal: Bentonite Chips 0 19 14 Sacks

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

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

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
 Depth of Completed Well 178.00 ft.

Dia	From	To	Material	From	To	Amt	Sacks/lbs
14.5	0	43	Bentonite Chips	0	43	37	S
10	43	240			Calculated	27.23	
					Calculated		

Seal placement method: A B C D E Other: POUR FROM SURFACE
 Backfill placed from 29 ft. to 56 ft. Material BENTONITE
 Filter pack from 58 ft. to 178 ft. Material SAND Size 6/9
 Explosives used: Type _____ Amount _____
 Seal Placement Begin Date 12/20/2024 Begin Time 15 00

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount	Actual Amount

(6) CASING/LINER

C/L	Dia	+	From	To	Gauge	Mat. Type	Wld	Thrd	Shoe Location
C	10	X	1.58	43	0.250	ST	X		
C	6	X	1	140	SDR21	PL		X	
C	6		150	155	Sch80	PL	X		
C	6		160	165	Sch80	PL	X		
C	6		170	178	Sch80	PL	X		

Temp casing Yes Dia _____ From + _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____
 Screens Type Johnson V-Wire Material Stainless Steel

Perf/ Screen	Casing/ Screen	Dia	From	To	Scrnl/ slot width	Slot length	# of slots	Tele/ Pipe size
Screen	Casing	6	140	150	.07			Pipe Size
Screen	Casing	6	155	160	.07			Pipe Size
Screen	Casing	6	165	170	.07			Pipe Size

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

Type of Test	Yield (gal/min)	Drawdown	Drill Stem/ Pump Depth	Duration (hr)
Pump	75	16.3	160	2

Temperature 54 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below) TDS amount 63 ppm
 From _____ To _____ Description _____ Amount _____ Units _____

(9) LOCATION OF WELL (legal description)
 County CURRY Twp 32.00 S N/S Range 15.00 W E/W WM
 Sec 30 SE 1/4 of the NE 1/4 Tax Lot 4400
 Tax Map Number _____ Lot _____
 Lat _____ or 42.77464000 DMS or DD
 Long _____ or -124.51688000 DMS or DD
 Street address of well Nearest address
92361 KNAPP RD., PORT ORFORD

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration	Date	SWL(psi)	+ SWL(ft)
Completed Well	<u>12/17/2024</u>		<u>82</u>
	<u>1/17/2025</u>		<u>82</u>

Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 82.00

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
<u>12/18/2024</u>	<u>82</u>	<u>168</u>	<u>215</u>		<u>82</u>

(11) WELL LOG Ground Elevation 99.68 FT

Material	From	To
Sandy clay w/cemented sand brown orange	0	6
Gravel m-f w/sand c-f gray tan	6	8
Gravel f-c w/sand f-c tan	8	10
Sand f-m tan	10	13
Gravel c-f w/sand c-f brown gray & orange	13	15
Gravel c gray & white	15	18
Gravel f-m w/sand f-c brown	18	24
Gravel f-c w/sand f-c black brown	24	25
Gravel c-f w/sand f-c brn white iron stained	25	32
Gravel f-m w/sand f-c brown	32	34
Gravel f-c w/sandy clay tan	34	35
Gravel f-c w/sand c-f brown red	35	37
Sandy clay w/sand	37	38
Gravel f-c w/sand c-f black brown	38	41
Sandy clay orange & tan	41	42
Gravel f-c w/sand c-f & sandy clay tan	42	43
Sandy clay orange & tan	43	47
Sand f-c w/sandy clay tan	47	49
f-c w/sand f-c brown black	49	55

Construction Begin Date 12/12/2024 Begin Time 10 00 End Date 1/17/2025

(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 2068 Date 1/23/2025
 Signed JAMES MACK JR (E-filed)

(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 1493 Date 1/24/2025
 Signed JAMES MACK SR (E-filed)
 Drilling Company: Bandon Well & Pump Co. (541) 347-7867 J

STATE OF OREGON
WATER SUPPLY WELL REPORT

CURR 53332

WELL I.D. LABEL# L 116519
START CARD # 1076289
ORIGINAL LOG # CURRY 53313

(as required by ORS 537.545 & 537.765 and OAR 690-205-0210) 2/3/2025

(1) LAND OWNER Owner Well I.D. 2200 (EAST)
First Name KNAPP RANCH INC. Last Name
Company ELK RIVER PROPERTY DEVELOPMENT
Address PO BOX 790
City PORT ORFORD State OR Zip 97465

(2) TYPE OF WORK New Well Deepening Conversion
[X] Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stil Plstc Wld Thrd
Casing: 6 [X] 1 19 0.250 [X] [] [] []
Material From To Amt sacks/lbs
Seal: Bentonite 0 19 15 Sacks

(3) DRILL METHOD
Rotary Air [X] Rotary Mud Cable Auger Cable Mud
Reverse Rotary Other

(4) PROPOSED USE Domestic [X] Irrigation Community
Industrial/ Commercial Livestock Dewatering
Thermal Injection Other

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
Depth of Completed Well 150.00 ft.
BORE HOLE SEAL sacks/lbs
Dia From To Material From To Amt lbs
14.5 0 43 Bentonite Chips 0 43 28 S
10 43 150 Calculated 27.23
Bentonite Chips Calculated

Seal placement method: A B C D E [X] Other: POUR FROM SURFACE
Backfill placed from 25 ft. to 55 ft. Material BENTONITE
Filter pack from 55 ft. to 105 ft. Material SAND Size 6/9
Explosives used: Type Amount
Seal Placement Begin Date 1/20/2025 Begin Time 14 00

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
C/L Dia + From To Gauge Mat. Type Wld Thrd Shoe Location
C 10 [X] 2 43 0.250 ST [X] [] [] []
C 6 [X] 1 90 SDR21 PL [X] [] [] []
C 6 129 137 SDR21 PL [X] [] [] []
C 6 141 150 SDR21 PL [X] [] [] []

Temp casing Yes Dia From + To

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Johnson V-Wire Material Stainless Steel
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/
Screen Liner Dia From To width length slots Pipe size
Screen Casing 6 90 115 .07 Pipe Size
Screen Casing 6 115 129 .035 Pipe Size
Screen Casing 6 127 141 .05 Pipe Size

(8) WELL TESTS: Minimum testing time is 1 hour
Type of Test Yield (gal/min) Drawdown Pump Depth Duration (hr)
Pump 79.3 9 140 1.6

Temperature 54 F Lab analysis Yes By
Water quality concerns? Yes (describe below) TDS amount 58 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CURRY Twp 32.00 S N/S Range 15.00 W E/W WM
Sec 30 NE 1/4 of the SE 1/4 Tax Lot 4400
Tax Map Number Lot
Lat " or 42.77444444 DMS or DD
Long " or -124.51222222 DMS or DD
Street address of well Nearest address
92361 KNAPP RD, PORT ORFORD

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration 1/17/2025 67.66
Completed Well 1/30/2025 67.66
Flowing Artesian? Dry Hole?
WATER BEARING ZONES Depth water was first found 67.66
SWL Date From To Est Flow SWL(psi) + SWL(ft)
1/23/2025 67.66 144 197 67.66

(11) WELL LOG Ground Elevation 71.24 FT
Material From To
Cemented sand brown 0 4
Sand c-f w/gravel c-f brown 4 5
Gravel f-m w/sand c-f brown 5 7
Sand f-c w/gravel c-f gray 7 8
Gravel f-c w/sand f-c & clay gray 8 10
Gravel c-f w/sand c-f brown 10 25
Gravel c-f w/sand c-f brown black 25 47
Graveln c-f w/sand & sandy clay orange brown 47 50
Gravel f-m w/sand c-f orange brown 50 59
Sandy clay tan 59 61
Sandy clay tan w/peat 61 63
Peat 63 64
Sandy clay tan 64 65
Gravel f w/sand f-c brown 65 70
Sandy clay orange 70 71
Sandy clay tan 71 74
Gravel c-f w/sand c-f brown black 74 75
Sandy clay tan 75 77
Gravel c-f w/sand c-f brown black & orange 77 81
Construction
Begin Date 1/20/2025 Begin Time 10 00 End Date 1/30/2025

(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 2068 Date 2/3/2025
Signed JAMES MACK JR (E-filed)

(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 1493 Date 2/3/2025
Signed JAMES MACK SR (E-filed)
Drilling Company: Bandon Well & Pump Co. (541) 347-7867 J

WATER SUPPLY WELL REPORT - continuation page

CURR 53332

WELL I.D. LABEL#	L116519
START CARD #	1076289
ORIGINAL LOG #	CURRY 53313

2/3/2025

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

BORE HOLE				SEAL		sacks/lbs
Dia	From	To	Material	From	To	Amt
						Calculated
						Calculated
						Calculated
						Calculated

FILTER PACK			
From	To	Material	Size
105	150	SAND	8/12

(6) CASING/LINER

C/L	Dia	+	From	To	Gauge	Mat. Type	Wld	Thrd	Shoe	Shoe Location

(7) PERFORATIONS/SCREENS

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

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

Type of Test	Yield (gal/min)	Drawdown	Drill Stem/ Pump Depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)

(11) WELL LOG

Material	From	To
Sand c-f w/gravel f orange brown	81	82
Clay orange	82	84
Gravel c-f w/sand c-f orange brown	84	88
Clay tan gray	88	90
Gravel c-f w/sand c-f orange brown *	90	115
Gravel f w/sand f-c orange brown *	115	124
Gravel f w/sand & sandy clay lenses tan *	124	129
Sandy clay tan	129	137
Gravel c-f w/sand c-f orange brown	137	141
Sandy clay tan	141	143
Gravel c-f w/sand c-f orange brown	143	144
Sandy clay tan	144	150

Received by OWRD
 JAN 30 2026
 Salem, OR

Name of person(s) who assisted with construction and Trainee License # / Helper #

Assistant Name	Type	#
CHRISTOPHER KERSEY	WATER	1759
BLAKE WALLACE	HELPER WATER	8888975

Comments/Remarks

The original hole was drilled 4/18/2015 as a test hole to grab samples for a sieve analysis for a production well for a proposed golf course. The 6" steel casing was removed & the hole was enlarged to accommodate casing & screen for a production well. Hole collapsed from 150 to 181 feet

WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

CURR 53332

2/3/2025

Received by OWRD

JAN 30 2026

Salem, OR

Map of Hole

STATE OF OREGON
WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301
(503)986-0900



LOCATION OF WELL

Latitude: 42.77444444 Datum: WGS84

Longitude: -124.51222222

Township/Range/Section/Quarter-Quarter Section:

WM32.00S15.00W30NESE

Address of Well:

92361 KNAPP RD, PORT ORFORD

Well Label: 116519

Printed: February 3, 2025

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



Note: KLS LLC has an updated address: PO Box 68, Port Orford, OR 97465

Received by OWRD

JAN 30 2026

Salem, OR

Land Use Information Form

Received by OWRD

JAN 30 2026

Salem, OR



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

NOTE TO APPLICANTS

In order for your application to be processed by the Oregon Water Resources Department (OWRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be diverted, conveyed, used, and developed. The planning official may choose to complete the form while you wait or return the "Receipt Acknowledging Request for Land Use Information" to you. Applications received by OWRD without the Land Use Information Form, or the signed receipt, will be returned to you. **IMPORTANT:** Please note that while OWRD can accept a signed receipt as part of intake for an application for a new permit to use or store water, a completed Land Use Information Form is required for OWRD's acceptance of all other applications. Please be aware that your application cannot be approved without land use approval.

This form is **NOT** required if:

- 1) Water is to be diverted, conveyed, and used on federal lands only; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply:
 - a. The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b. The application involves a change in place of use only;
 - c. The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d. The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for a new water right or modifying an existing water right. The Oregon Water Resources Department (OWRD) requires applicants to obtain land use information to ensure the water right does not result in land uses that are incompatible with your comprehensive plan. Please complete the form and return it to the applicant for inclusion in their application. **NOTE:** For new water right applications only, if you are unable to complete this form while the applicant waits, you may complete the "Receipt Acknowledging Request for Land Use Information" and return it to the applicant.

You will receive notice via OWRD's weekly Public Notice once the applicant formally submits their request to OWRD. The notice will give more information about OWRD's water right process and provide additional comment opportunities. If you previously only completed the receipt for an application for a new permit to use or store water, you will have 30 days from the Public Notice date to complete the Land Use Information Form and return it to OWRD. Your attention to this request for information is greatly appreciated. If you have questions concerning this form, please contact OWRD's Customer Service Group at 503-986-0900 or WRD_DL_customerservice@water.oregon.gov.

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JAN 30 2026
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Land Use Information Form

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

NAME KLS LLC			Salem, OR			PHONE 219-670-4224	
MAILING ADDRESS 7011 FARNAM ST							
CITY Omaha		STATE NE	ZIP 68132-3355	EMAIL jmhaley@aol.com			

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	X X	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
32 S	15 W	19	SW NE SE NE	4400	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	19	SE NW	4400	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	19	All SE 1/4	4400	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	19	NE SW SE SW	4400	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	30	All NE 1/4	4400	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	30	NE NW SE NW	4400	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	30	NE SE	4400	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	30	NW SE	4400	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	30	SW SE SE SE	6300	R-2	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	29	All NW 1/4	4400	R-2	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	29	NW SW SW SW	300	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	29	NW SW	299	R-2	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	29	NW SW NE SW	298	R-2	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
32 S	15 W	29	SW SW SE SW	298	R-2	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation

32 S	15 W	29	SW SW	500	R-2	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
------	------	----	-------	-----	-----	-----------------------------------	--	--	------------

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

Curry County

NOTE: A separate Land Use Information Form must be completed and submitted for each county and city, as applicable.

B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 0.9
 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:

Ground water will be used to irrigate the ground~~s~~ of proposed golf course.

Note to applicant: For new water right applications only, if the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt on the bottom of page 4 and include it with the application filed with the Oregon Water Resources Department.

See Page 4 →

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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 use(s), including proposed construction, are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): _____
- Land uses to be served by the proposed water use(s), 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:	
Conditional use permit	3.070 CCZO	<input checked="" type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land use concerns or make recommendations to the Oregon Water Resources Department regarding this proposed use of water in the box below or on a separate sheet.

Name: Rabiah Lee Title: Assistant
 Signature: Rabiah Lee Date: 10/27/2025
 Governmental Entity: Curry County Phone: (541) 247-3284

Receipt Acknowledging Request for Land Use Information

Note to Local Government Representative:
 Please complete this form and return it to the applicant. For new water right applications only, if you are unable to complete this form while the applicant waits, you may complete this receipt and return it to the applicant. If you sign the receipt, you will have 30 days from the date of OWRD's Public Notice of the application to submit the completed Land Use Information Form to Oregon Water Resources Department. Please note while OWRD can accept a signed receipt as part of intake for an application for a new permit to use or store water, a completed Land Use Information Form is required for all other applications.

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Applicant Name: _____

Staff Name: _____ Title: _____ JAN 30 2026

Staff Signature: _____ Date: _____ Salem, OR

Governmental Entity: _____ Phone: _____

PROPERTY DESCRIPTION

TRACT 1 (Tax Lots 4400 (portion), 300, and 500), approximately 330 acres: Salem, OR

Property in Curry County, Township 32 South, Range 15 West, W.M., Sections 19, 29, and 30, described as follows:

Beginning at the Section corner common to Section 29, 30, 31, and 32, Township 32 South, Range 15 West;

Thence South 89°21'06" East 868.57 feet along the South line of said Section line of said Section 29 to a 5/8" iron rod;

Thence North 0°00'03" West 313.07 feet along the West boundary of that parcel described in Deed Book of Record 19, Page 72 to a 5/8" iron rod marking its Northwest corner;

Thence South 89°21'06" East 160.00 feet to a 5/8" iron rod; Thence North 0°00'30" West 118.85 feet to a 5/8" iron rod;

Thence South 89°21'06" East 293.07 feet to a 5/8" iron rod in the centerline of a 50 foot right of way easement;

Thence North 0°02'56" West 93.53 feet to a 5/8" iron rod; Thence North 89°58'55" West 452.97 feet to a 5/8" iron rod;

Thence North 0°00'35" West 2106.07 feet along the West line of the Curry County land fill parcel to a 5/8" iron rod at its Northwest corner;

Thence South 89°00'149" East 1738.31 feet, more or less, along the East/West centerline of said Section 29 to its intersection with the North/South centerline of Section 29; said intersection being the Center Quarter (C1/4) Corner of Section 29 and marked with a 3/4" Iron pipe;

Thence North 0°01'51" West 1308.66 feet along said North/South centerline to the Center North One Sixteenth (CN1/16) Corner marked with a 5/8" iron rod in concrete;

Thence continuing North along said North/South centerline 75.00 feet to a point 50 feet North of the Centerline of Knapp County Road;

Thence North 88°55'00" West 1761.20 feet along said 50 foot offset to an existing private gravel road, being the westerly extension of said Knapp County Road;

Thence continuing along said offset 199.90 feet along a 150.30 foot radius curve right, through a central angle of 76°13'16" (the long chord of which bears North 51°05'45" West 185.49 feet);

Thence continuing along said offset North 12°51'02" West 302.70 feet;

Thence leaving said offset and private road North 60°54'00" West 375.00 feet;

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Thence North 39°02'00" West 163.60 feet;

Thence Due North 414.00 feet, again crossing said private road to a point 25 feet North of its centerline;

Thence South 78°15'00" West 486.60 feet, more or less, 25 feet offset of said centerline to an existing fence;

Thence North 9°00'00" West 162.50 feet, along said fence;

Thence North 3°00'00" West, along said fence 380.00 feet, more or less, to the topographic toe of slope;

Thence Southwesterly 930.00 feet along said toe of slope;

Thence Northwesterly 1040.00 feet continuing along said toe of slope to its intersection with the toe of slope at the beach Vegetation line;

Thence Due West to the mean high water line of the Pacific Ocean;

Thence Southerly, along said mean high water line 5280.00 feet, more or less, to the North line of Government Lot 1, said Section 30;

Thence South 89°21'06" East along said North line and continuing along the East/West centerline of the Southeast Quarter (SE1/4) of said Section 30, 2400.00 feet to the South One-Sixteenth (S1/16) Corner common to said Section 29 and 30;

Thence South 0°00'00" West 1315.80 feet to the Point of Beginning.

The above described lease area is based on that survey Map # 32-381, recorded January 8, 2007; recorded July 1, 2005 and photographically digitized data long the North boundary, consisting of approximately 330 acres more or less.

TRACT 2 (Tax Lots 298 (portion) and 299), 21.10 acres:

That certain tract of land lying in the Southwest Quarter of Section 29, Township 32 South, Range 15 West of the Willamette Meridian, Curry County, Oregon, described as follows:

Beginning at a point 1043.56 feet North and 870 feet West of the South Quarter (1/4) Corner said Section 29 (said point based on that certain deed recorded in Volume 24, Page 307, Deed Records of Curry County), thence North 00°00'59" West 1073.11 feet to a 5/8" iron rod per CS 32-367;

thence West 435.00 feet to a 5/8" iron rod per said CS 32-367;

thence North 521.62 feet (deed) to a 5/8" iron rod per said CS 32-367;

thence North 89°00'49" West 434.58 feet to a 5/8" iron rod per said CS 32-367;

thence South 00°00'35" East 1100.66 feet to a 5/8" iron rod per said CS 32-367;

thence continuing South 00°00'35" East 20.63 feet;
thence South 89°24'38" East 365.34 feet;
thence North 19°43'03" East 84.24 feet;
thence North 83°58'01" East 233.00 feet;
thence South 89°24'38" East 58.14 feet;
thence South 12°50'26" East 282.79 feet;
thence South 09°15'49" West 704.12 feet;
thence North 89°40'04" West 175.83 feet;
thence South 02°38'55" West 114.50 feet to a 5/8" iron rod per said CS 32-367;
thence South 00°03'48" West 18.12 feet to a 5/8" iron rod per said CS 32-367;
thence North 90°00'00" East 417.42 feet to a 5/8" iron rod per said CS 32-367;
thence North 00°04'25" West 71.57 feet to a 5/8" iron rod per the Kreiger Subdivision Plat (Sub 1985-04);
thence North 00°02'42" East 450.21 feet to the point of beginning.

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Said tract containing 21.10 acres.

Bearings and distances per CS 32-367, Curry County Survey Records.

TRACT 3 (Tax Lot 6300), 67.66 acres:

Government Lot 1, and the Southeast Quarter of the Southeast Quarter of Section 30, Township 32 South, Range 15 West of the Willamette Meridian, Curry County, Oregon.

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 Oregon Water Resources Department
 Groundwater Application

Today's Date: Monday, January 26, 2026

Base Application Fee		\$2,355.00
Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute)	1.37	\$1,230.00
Number of proposed Uses for the appropriated water (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) *	3	\$1,230.00
Number of proposed groundwater points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) **	3	\$1,230.00
	Subtotal:	\$6,045.00
Permit Recording Fee ***		\$915.00
* the 1st Water Use is included in the base cost. ** the 1st groundwater point of appropriation is included in the base cost *** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed.	Recalculate	
Estimated cost of Permit Application		\$6,960.00



**OREGON
WATER
RESOURCES
DEPARTMENT**

**PUMP TEST FORM
COVER SHEET**

Owner / Business :

Name	Phone Number	Owner Street Address
KLS LLC	312-725-2270	PO Box 68
State	City	Zip
Oregon	Port Orford	97465

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If different from owner,

Test Conducted By	Qualifications	License #
Jonathan D. Williams	Professional Geologist	G1775
Company	Phone Number	Company Street Address
Alpine Env. Consultants, LLC	541-944-4685	12210 Antioch Road
Company State & Zip	E-mail	
White City, Oregon 97503	jwilliams@alpine-env-llc.com	

Tested Well Information :

Well Log	Well Log #	Well Tag L-#
CURR	53313	116519
Date Drilled	TWP RNG SEC QQ	Surveyed Location
4/17/2015	32S, 15W, 30, NE of SE	Well Casing
Latitude	Longitude	
42.77448	-124.51221	

Water Right(s) Information : include letter in front (ex. G-xxxxx)

Application	Permit	Transfer
New Application	NA	NA

Certificate

NA

I hereby certify that this test has been conducted in accordance with OAR 690-217:

Jonathan D. Williams, with the exception of hourly flow measurements overnight

Operator Initials: JDW Date: 1/26/2026

Owner Initials: DJ Date: 1/26/2026



**OREGON
WATER
RESOURCES
DEPARTMENT**

**PUMP TEST FORM
COVER SHEET**

Owner / Business :

Name	Phone Number	Owner Street Address
KLS LLC	312-725-2270	PO Box 68
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Test Conducted By	Qualifications	License #
Jonathan D. Williams	Professional Geologist	G1775
Company	Phone Number	Company Street Address
Alpine Env. Consultants, LLC	541-944-4685	12210 Antioch Road
Company State & Zip	E-mail	
White City, Oregon 97503	jwilliams@alpine-env-llc.com	

Tested Well Information :

Well Log	Well Log #	Well Tag L-#
CURR	53312	116515
Date Drilled	TWP RNG SEC QQ	Surveyed Location
4/10/2015	32S, 15W, 30, SE of NE	Well Casing
Latitude	Longitude	
42.77464	-124.51688	

Water Right(s) Information : include letter in front (ex. G-xxxx)

Application	Permit	Transfer
New Application	NA	NA

Certificate

NA

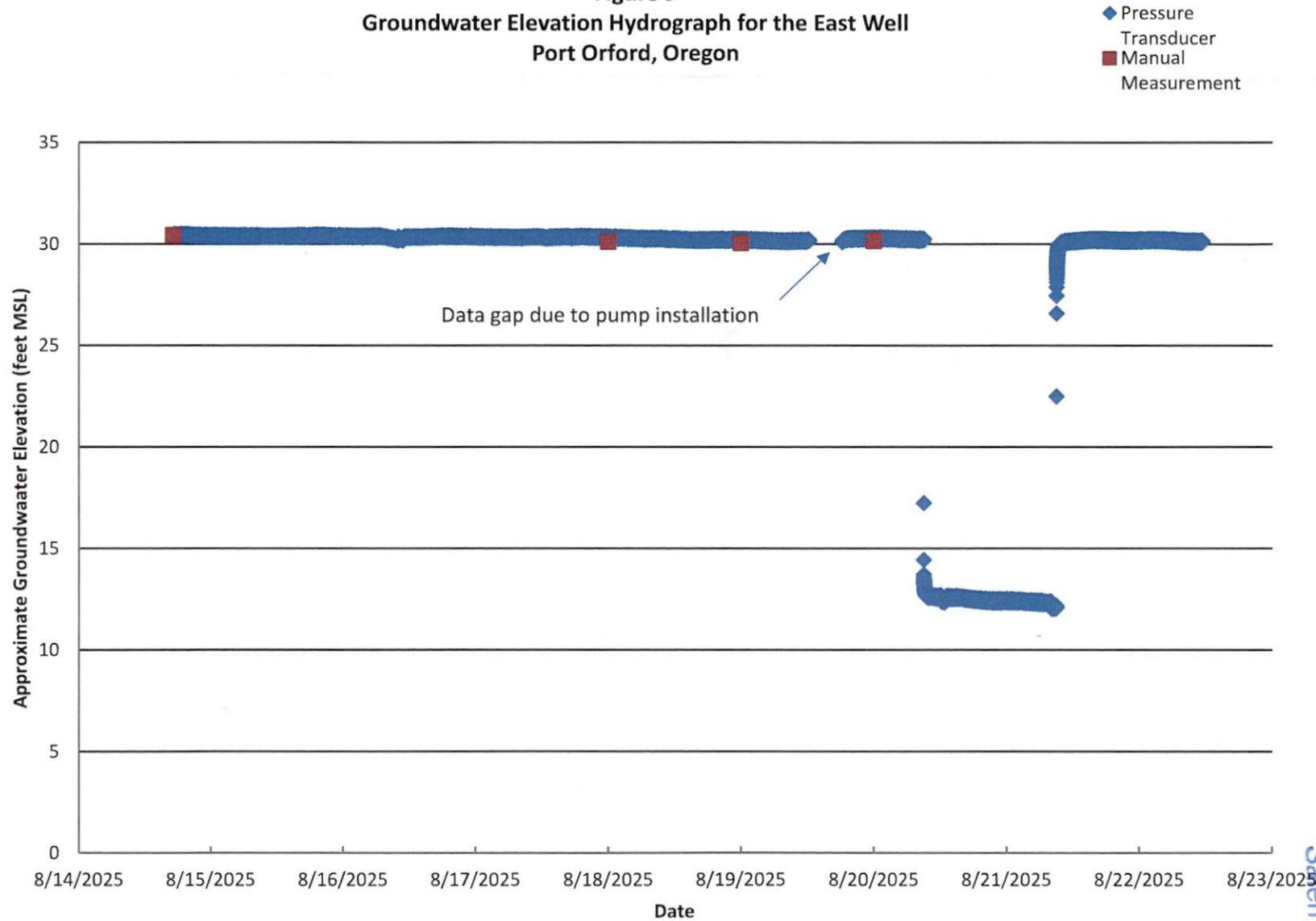
I hereby certify that this test has been conducted in accordance with OAR 690-217:

Jonathan D. Williams, with the exception of hourly flow measurements overnight

Operator Initials: JDW Date: 1/26/2026

Owner Initials: DJ Date: 1/26/2026

Figure 9
Groundwater Elevation Hydrograph for the East Well
Port Orford, Oregon



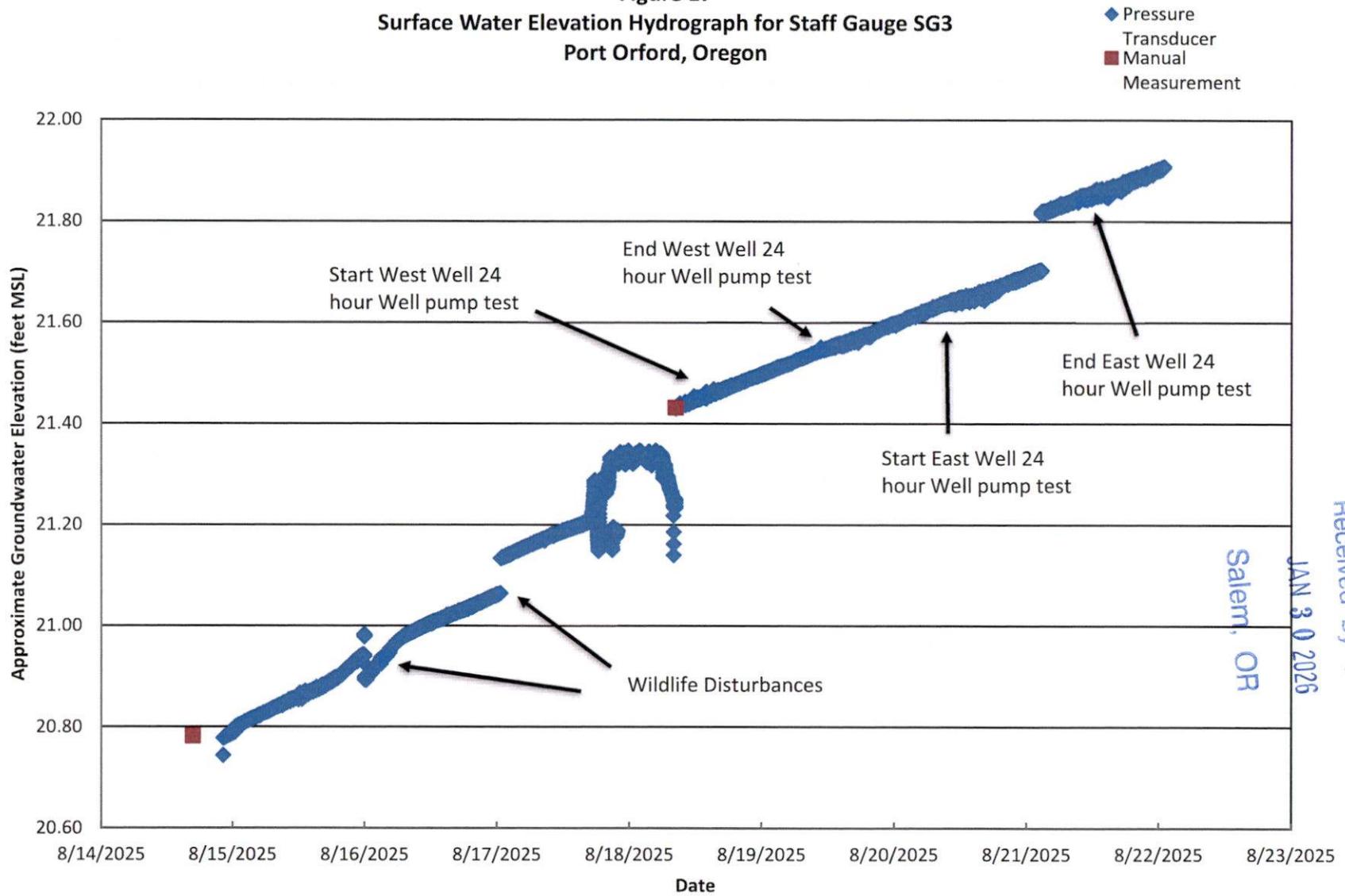
MSL = Mean Sea Level

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Figure 17
Surface Water Elevation Hydrograph for Staff Gauge SG3
Port Orford, Oregon



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MSL = Mean Sea Level

Date	Time	Discharge (gpm)	Note
8/20/2025	905	153	
	910	153	
	915	152	
	1030	152	
	1210	152	
	1400	152	
	1630	152	
	1915	152	
	2120	152	
8/21/2025	715	152	No flow measurements recorded overnight while Toby Shallcross slept in camper on-Site.
	830	152	
	900	152	

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