

# Application for a Permit to Use Groundwater

ck#3028



**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 Derek and Rachel Ellerbrook		PHONE (HM) 503-330-4653	
PHONE (WK)	CELL 503-330-4653	FAX	
ADDRESS 9614 NW 316th Pl.			
CITY Hillsboro	STATE OR	ZIP 97124	E-MAIL* dellerbr@yahoo.com

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### Organization

NAME		PHONE	FAX
ADDRESS			CELL
CITY	STATE	ZIP	E-MAIL*

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

AGENT / BUSINESS NAME		PHONE	FAX
ADDRESS			CELL
CITY	STATE	ZIP	E-MAIL*

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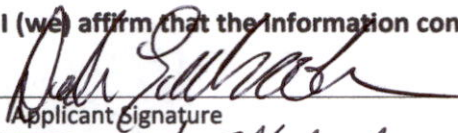
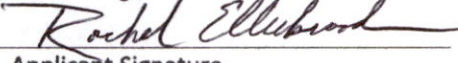
Note: Attach multiple copies as needed

\* 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.

	Derek Ellerbrook	4/25/22
Applicant Signature	Print Name and Title if applicable	Date
	Rachel Ellerbrook	4/25/22
Applicant Signature	Print Name and Title if applicable	Date

**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.

**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).*

All water use and conveyance is taking place on our property.

**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
1	Tributary to McKay Creek	1130'	30 feet
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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).*

*See attached well log.*



**SECTION 3: WELL DEVELOPMENT, continued**

**Total maximum rate requested:** .05cfs (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)
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	127667	<input type="checkbox"/>	6"	2-519'	n/a	0-519'	131' 7-26-18	basalt	693	95	10
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<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.

For Department Use: App. Number: \_\_\_\_\_

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**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/](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**

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

Yes  No

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**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

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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	Mar 1 - Oct 31	10

**For irrigation use only:**

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

Primary: 4.0 Acres Supplemental: 0 Acres Nursery Use: 0 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: 10



- 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*):

**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): *5 hp submersible 35gpm*
- Other means (describe):

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Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water.

**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*)

drip, irrigation system, low volume sprinklers

**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*).

See attached

**SECTION 7: PROJECT SCHEDULE**

- a) Date construction will begin: April 2023
- b) Date construction will be completed: May 2023
- c) Date beneficial water use will begin: May 2023

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**SECTION 8: RESOURCE PROTECTION**

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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: *See Attached*

- 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:

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

**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.

Irrigation District Name	Address	
City	State	Zip

**SECTION 10: REMARKS**

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

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See attached supplemental material

**Supplemental information for Water Right Application – Derek and Rachel Ellerbrook**

**Section 6 C** – This water right application is intended for two purposes: 1 - to irrigate acreage that will be producing marketable farm/christmas tree crops and/or lease acreage to a farmer for a variety of local crops; 2 - to irrigate the landscaped area around the house. Both of these irrigation methods will utilize the most appropriate water conservation methods. The acreage for farm production will be primarily drip irrigated to minimize waste and prevent adverse effects to public uses and other surface water. The irrigated landscaped area will be primarily drip irrigated in the non-lawn areas. The lawn will utilize the most efficient sprinkler heads to minimize wasted water.

**Section 8** - Drip irrigation to be used primarily. Areas of lawn will use sprinklers. Minimal use of chemical product

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# Land Use Information Form



Oregon Water Resources Department  
725 Summer Street NE, Suite A  
Salem, Oregon 97301-1266  
503-986-0900  
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## NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

**This form is NOT required if:**

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or groundwater 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.

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## NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land use form and return it to the WRD. If no land use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0900.

# Land Use Information Form



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

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**Applicant**

NAME Derek and Rachel Ellerbrook		PHONE (HM) 503-330-4653
PHONE (WK) n/a	CELL 503-330-4653	FAX n/a
ADDRESS 9614 NW 316th Pl.		
CITY Hillsboro	STATE OR	ZIP 97124
E-MAIL* dellerbr@yahoo.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	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
1N	3W	12	NENW	702	AF-5	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	IRRIGATION
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	

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

WASHINGTON COUNTY

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**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 Groundwater Registration Modification
- Limited Water Use License
- Allocation of Conserved Water
- Exchange of Water

Source of water:  Reservoir/Pond  Groundwater  Surface Water (name) \_\_\_\_\_

Estimated quantity of water needed: .05  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:

Water to irrigate farm crops and landscaped area around house



**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.



## 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): Community Development Code Section 348
- 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:	
		<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
<b>RECEIVED</b>		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
<b>MAY 11 2022</b>	<b>RECEIVED</b>	<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
<b>OWRD</b>	<b>APR 27 2022</b>	<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

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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.

NAME: <u>Kellie Crowdis</u>	TITLE: <u>Asst. Planner</u>
SIGNATURE: <u>Kellie Crowdis</u>	PHONE: <u>503-846-6167</u>
GOVERNMENT ENTITY: <u>Washington County Current Planning</u>	DATE: <u>4-6-22</u>

**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: \_\_\_\_\_

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**EXHIBIT A**

**LEGAL DESCRIPTION:** Real property in the County of Washington, State of Oregon, described as follows:

All of Lot 18, Block 51, NORTH PLAINS, in the County of Washington and State of Oregon,

EXCEPT the following described portion of said Lot 18:

Beginning at a point on the Westerly line of Lot 17, Block 51, NORTH PLAINS South 07°43' West 244.4 feet from the Northwest corner thereof and running thence South 82°17' East, parallel with the Northerly line of said Lot 17, 218.32 feet; thence South 07°43' West, parallel with the Westerly line of said Lot 17, 129.8 feet; thence North 82°17' West 218.32 feet to the Westerly line of Lot 18, Block 51, NORTH PLAINS; thence North 07°43' East, along the Westerly lines of said Lots 18 and 17, 129.8 feet to the point of beginning.

NOTE: This Legal Description was created prior to January 01, 2008.

A.P.N.: R735002



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

WELL I.D. LABEL# L 127667 START CARD # 215427 ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. First Name DEREK Last Name ELLERBROOK Company Address P.O. BOX 9073 City PORTLAND State OR Zip 97207

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

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

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

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

(5) BORE HOLE CONSTRUCTION Special Standard [ ] (Attach copy) Depth of Completed Well 693 ft.

Table with columns: Dia, From, To, Material, SEAL, Amt, Sacks/lbs. Row 1: 10, 0, 519, Cement w/5% Bentonite, 0, 519, 168, S. Row 2: 6, 519, 693, Calculated, 99.75.

How was seal placed: Method [ ] A [X] B [X] C [ ] D [ ] E Backfill placed from ft. to ft. Material Filter pack from ft. to ft. Material Size Explosives used: [ ] Yes Type Amount

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

(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd Shoe [ ] Inside [ ] Outside [ ] Other Location of shoe(s) Temp casing [ ] Yes Dia From To

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

(8) WELL TESTS: Minimum testing time is 1 hour [ ] Pump [ ] Bailer [X] Air [ ] Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 65.8 °F Lab analysis [ ] Yes By Water quality concerns? [ ] Yes (describe below) TDS amount 155 ppm From To Description Amount Units

(9) LOCATION OF WELL (legal description) County WASHINGTON Twp 1 N N/S Range 3 W E/W WM Sec 12 NE 1/4 of the NW 1/4 Tax Lot 702 Tax Map Number Lot Lat Long

9614 NW 316TH AVENUE, HILLSBORO, OR 97124

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration Completed Well 07-26-2018 131

WATER BEARING ZONES Depth water was first found 525 SWL Date From To Est Flow SWL(psi) + SWL(ft) 07-26-2018 525 693 95 131

(11) WELL LOG Ground Elevation Material From To BROWN CLAY 0 26 GRAY CLAY 26 37 STICKY GRAY BROWN CLAY 37 49 STICKY BROWN 49 70 SOFT BROWN SANDY CLAY 70 79 STICKY GRAY BROWN CLAY 79 137 SOFT BROWN CLAY 137 150 STICKY GRAY CLAY 150 353 FIRM GRAY CLAY 353 479 DECOMP BROWN BASALT 479 505 HARD GRAY BASALT 505 509 FIRM GRAY BLACK BASALT 509 574 SOFT BLACK BASALT 574 597 FIRM TO HARD GRAY BASALT WITH OCC. 597 FRACTURED GRAY BLACK INTERBEDS 687 SOFT BROWN BASALT 687 693

Date Started 07-11-2018 Completed 07-26-2018

(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. License Number Date MAY 11 2022

(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. License Number 1266 Date 07-26-2018