

Application for Permit Amendment

Part 1 of 5 – Minimum Requirements Checklist



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

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

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

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

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- ☒ Part 1 – Completed Minimum Requirements Checklist.
- ☒ Part 2 – Completed Application Map Checklist.
- ☒ Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and completed Fee Worksheet, page 3. Try the new online fee calculator at:
http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator.
- ☒ Part 4 – Completed Applicant Information and Signature.
- ☒ Part 5 – Information about Permits to be Amended: **Number of permits to be amended: 1**
List the Permits here: Permit G-18341
Please include a separate Part 5 for each permit. (See instructions on page 6)
- ☒ Completed Permit Amendment Application Map (Does not have to be prepared by a Certified Water Right Examiner).
- ☐ ☒ N/A Request for Assignment Form and statutory fee. The request for assignment form has to be completed if the applicant is **not** the permit holder of record and needs to be assigned to the permit; **or** the landowner of the proposed place of use is **not** the permit holder of record and needs to be assigned to the permit (the Request for Assignment Form is available online at <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>). Assignment is not needed if the applicant is the permit holder of record.
- ☐ ☒ N/A Affidavit(s) of Consent are required from all permit holder(s) of record if the permit is not assigned to the applicant **or** other permit holders of record that are not listed as applicants.
- ☒ ☐ N/A Oregon Water Resources Department's Land Use Information Form with approval and signature (or signed land use form receipt stub) from each local land use authority in which water is to be diverted, conveyed, and/or used. Not required if water is to be diverted, conveyed, and/or used only on federal lands or if **all** of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone.
- ☒ ☐ N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.
- ☐ ☒ N/A Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500 feet from the surface water source and more than 1000 feet upstream or downstream from the point of diversion. (ORS 540.531(2) or (3)).

(For Staff Use Only)

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

___ Application fee not enclosed/insufficient ___ Map not included or incomplete

___ Land Use Form not enclosed or incomplete

___ Additional signature(s) required ___ Part ___ is incomplete

Other/Explanation _____

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

Part 2 of 5 – Permit Amendment Map Checklist

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

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

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- ☐ ☒ N/A If **more than three** permits are involved, separate maps for each permit.
- ☒ Permanent quality printed with dark ink on good quality paper.
- ☒ The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
- ☒ A north arrow, a legend, and scale.
- ☒ The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
- ☒ Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- ☒ Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- ☒ Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
- ☒ Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
- ☒ Existing place of use that includes separate hachuring for each water use permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the permit is being changed, a separate hachuring is needed for the portion of the permit left unchanged.
- ☐ ☒ N/A If you are proposing a change in place of use, show the proposed place of use with hachuring that includes separate hachuring for each permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.
- ☒ Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water use permit.
- ☒ ☐ N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

Part 3 of 5 – Fee Worksheet

FEE WORKSHEET for PERMIT AMENDMENT				
1	Base Fee (includes one type of change to one permit for up to 1 cfs)	Received	1	\$1,360
	Types of change proposed: ☐ Place of Use ☒ Point of Diversion/Appropriation Number of above boxes checked = <u>1 (2a)</u> Subtract 1 from the number in line 2a = <u>0 (2b)</u> <i>If only one change, this will be 0</i>	APR 04 2024 OWRD		
2	Multiply line 2b by \$1090 and enter »		2	\$0
3	Number of permits included in Permit Amendment <u>1 (3a)</u> Subtract 1 from the number in 3a: <u>0 (3b)</u> <i>If only one permit this will be 0</i> Multiply line 3b by \$610 and enter »		3	\$0
4	Do you propose to add or change a well, or change from a surface water POD to a well? ☐ No: enter 0 ☒ Yes: enter \$480 for the 1 st well to be added or changed <u>\$480 (4a)</u> Do you propose to add or change additional wells? ☒ No: enter 0 ☐ Yes: multiply the number of additional wells by \$410 <u>\$820 (4b)</u> Add line 4a to line 4b and enter »		4	\$1,300
5	Do you propose to change the place of use? ☒ No: enter 0 on line 5 ☐ Yes: enter the cfs for the portions of the permits to be amended (see below*): _____ (5a) Subtract 1.0 from the number in 5a above: _____ (5b) If 5b is 0, enter 0 on line 5 » If 5b is greater than 0, round up to the nearest whole number: _____ (5c) and multiply 5c by \$350, then enter on line 5 »		5	\$0
6	Add entries on lines 1 through 5 above » » » » » » » » » » Subtotal:		6	\$2,660
7	Is this permit amendment: ☐ necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932? ☐ endorsed in writing by ODFW as a change that will result in a net benefit to fish and wildlife habitat? If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 If no box is applicable, enter 0 on line 7 »		7	\$0
8	Subtract line 7 from line 6 » » » » » » » » » » » » » » » » Permit Amendment Fee:		8	\$2,660

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

1. For irrigation calculate cfs for each permit involved as follows:
 - a. Divide total authorized cfs by total acres in the permit (*for S-12345, $1.25 \text{ cfs} \div 100 \text{ ac}$*); then multiply by the number of acres to be changed to get the application cfs (*$\times 45 \text{ ac} = 0.56 \text{ cfs}$*).
 - b. If the water right permit does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). (*For S-87654, $45.0 \text{ ac} \times 0.0125 \text{ cfs/ac} = 0.56 \text{ cfs}$*)
2. Add cfs for the portions of permits on all the land included in the application; however **do not count cfs for supplemental permits on acreage for which you have already calculated the cfs fee for the primary permit on the same land**. The fee should be assessed only once for each “on the ground” acre included in the application. (*In this example, blank 5a would be only 0.56 cfs, since both permits serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0*).

Applicant Information

APPLICANT/BUSINESS NAME Twin Springs LLC, c/o Lili Tova			PHONE NO. 727-432-9383	ADDITIONAL CONTACT NO.
ADDRESS 19779 SE Langensand Rd				FAX NO.
CITY Sandy	STATE OR	ZIP 97055	E-MAIL flyingcoyotefarm@gmail.com	
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.				

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

AGENT/BUSINESS NAME Doann Hamilton / Pacific Hydro-Geology, Inc.			PHONE NO. (503) 632-5016	ADDITIONAL CONTACT NO. (503) 632-5983 (Cell)
ADDRESS 18487 S. Valley Vista Road				FAX NO. (503) 632-5983
CITY Mulino	STATE OR	ZIP 97042	E-MAIL phgdmh@gmail.com	
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.				

Explain in your own words what you propose to accomplish with this permit amendment; and why:
We need the additional wells to reach our allowed rate and locate the wells closer to our operations to the north.

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

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

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

If NO, include either:

- ☐ A completed assignment form (with required statutory assignment fee), assigning all or a portion of the permit to the applicant(s), **OR**
- ☐ An affidavit of consent from the permit holder(s) of record that gives permission for the applicant to amend the permit.

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

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

If NO, what are the completion dates of the permit(s)? December 16, 2024

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

By my signature below, I confirm that I understand:

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

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

[Signature]
Applicant Signature

Lili Ringold-Brown
Print Name (and Title if applicable)

3/4/24
Date

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Applicant Signature

Print Name (and Title if applicable)

Date

Check one of the following:

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

Check the appropriate box, if applicable:

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

IRRIGATION DISTRICT NAME NA	ADDRESS	
CITY	STATE	ZIP

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

ENTITY NAME NA	ADDRESS	
CITY	STATE	ZIP

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

ENTITY NAME Clackamas Co. Department of Transportation and Development, Planning Division	ADDRESS 150 Beavercreek Road	
CITY Oregon City	STATE Oregon	ZIP 97045

Part 5 of 5 – Water Use Permit Information

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

PERMIT # G-18341

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

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

POD/POA Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-____)	Twp		Rng		Se c	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	☒ Authorized ☐ Proposed	NA	2	S	5	E	7	SE	SW	DLC 37	785 feet north and 1,295 feet east from the SW corner, Section 7
Well 2	☒ Authorized ☐ Proposed	CLAC 75517	2	S	5	E	7	SE	SW	DLC 37	740 feet north and 1,630 feet east from the SW corner, Section 7
Well 3	☐ Authorized ☒ Proposed	NA	2	S	5	E	7	SE	SW	DLC 37	1,150 feet north and 2,070 feet east from the SW corner, Section 7
Well 4	☐ Authorized ☒ Proposed	NA	2	S	5	E	7	SE	SW	DLC 37	1,220 feet north and 2,030 feet east from the SW corner, Section 7
Well 5	☐ Authorized ☒ Proposed	NA	2	S	5	E	7	SW	SW	DLC 37	1,290 feet north and 1,120 feet east from the SW corner, Section 7

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

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

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

- ☒ Yes Complete only the proposed ("to" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- ☐ No Complete all of Table 2 to describe the portion of the permit to be changed.

For a change in place of use: - NA

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

☐ Yes ☐ No

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

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

The permitted place of use can be moved only to lands that are contiguous to the authorized place of use unless the change to non-contiguous lands is in furtherance of mitigation or conservation efforts undertaken

for the purposes of benefiting a species listed as sensitive, threatened, or endangered under ORS 496.171 to 496.192 or the federal Endangered Species Act of 1973 (16 U.S.C. 1531 to 1544), as determined by the listing agency. Contiguous land being either adjacent land or land separated from the land to which a permit is authorized by roads, utility corridors, irrigation ditches or publicly owned rights of way.

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

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

Table 2. Description of Changes to Water Use Permit # G-18341

List the change proposed for the acreage in each ¼ ¼. If more than one change is proposed, specify the acreage associated with each change.
If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the “from” or “off” lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.									Proposed Changes (see “CODES” from previous page)	PROPOSED (the “to” or “on” lands) The listing as it would appear AFTER PROPOSED CHANGES are made.												
Twp	Rng		Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acre (if applicable)	POD(s) or POA(s) (name or number from Table 1)		Priority Date	Twp	Rng		Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acre (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date		
										APOA	2	S	5	E	7	NE	SW	4703	DLC 37	3.7	Wells 1, 2, 3, 4, and 5	9-27-2017
										APOA	2	S	5	E	7	NW	SW	4703	DLC 37	1.2	Wells 1, 2, 3, 4, and 5	9-27-2017
										APOA	2	S	5	E	7	SW	SW	4703	DLC 37	4.8	Wells 1, 2, 3, 4, and 5	9-27-2017
										APOA	2	S	5	E	7	SE	SW	4703	DLC 37	8.8	Wells 1, 2, 3, 4, and 5	9-27-2017
TOTAL ACRES										TOTAL ACRES							18.5					

Additional remarks: None.

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

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

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

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

- ☒ Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map. (**Tip:** You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx)

AND/OR

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

Table 3. Construction of Point(s) of Appropriation

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

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Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well, OWRD Well ID Tag No. L-_____	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well - specific rate (cfs or gpm). If less than full rate of water right	
Well 1	No	NA	900 feet	6 inch	0 to 900 feet	0 to 80 feet	TBD	NA	Single consolidated volcanic Groundwater reservoir	Not less than full rate of water right	
Well 2	Yes	CLAC 75517	SEE WELL LOG CLAC 75517								
Well 3	No	NA	900 feet	6 inch	0 to 900 feet	0 to 80 feet	TBD	NA	Single consolidated volcanic Groundwater reservoir		
Well 4	No	NA	900 feet	6 inch	0 to 900 feet	0 to 80 feet	TBD	NA			
Well 5	No	NA	900 feet	6 inch	0 to 900 feet	0 to 80 feet	TBD	NA			

Note: Permit G-18341 Conditions Item #4 states Groundwater production shall occur only from the groundwater reservoir between approximately 200 feet and 400 feet below land surface. During the installation of CLAC 75517 the driller contact OWRD for reconsideration due to drilling conditions encountered. Per Memorandum issued December 6, 2019 "... a well completed in a single consolidated volcanic groundwater reservoir located deeper than the approximate 300 foot depth listed in Permit G-18150 will meet the intent of Condition #4."

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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
www.oregon.gov/OWRD

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NAME Twin Springs LLC, c/o Lili Tova			PHONE 727-432-9383	
MAILING ADDRESS 19779 SE Langensand Rd				
CITY Sandy	STATE OR	ZIP 97055	EMAIL flyingcoyotefarm@gmail.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:
2S	5E	7		4703	EFU	☒ Diverted	☒ Conveyed	☒ Used	NU
						☐ Diverted	☐ Conveyed	☐ Used	
						☐ Diverted	☐ Conveyed	☐ Used	
						☐ Diverted	☐ Conveyed	☐ Used	

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

Clackamas 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: 0.46 ☒ 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 Nursery

Briefly describe:

<u>This Land Use Information Form is to accompany a permit amendment application that proposes to add additional points of appropriation (wells) to an existing water right Permit G-18341.</u>

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 ➔

For Local Government Use Only

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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): ZDO Section 401, Table 401-1 Farm uses
- ☐ 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:	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

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

Name: Melissa LordTitle: Senior PlannerSignature: MLord

Digitally signed by: MLord
DN: CN = MLord email =
MLord@clackamas.us
Date: 2024.03.13 08:42:32 -07'00'

Date: March 13, 2024Governmental Entity: Clackamas CountyPhone: 503-742-4500**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.

Applicant Name: _____

Staff Name: _____ Title: _____

Staff Signature: _____ Date: _____

Governmental Entity: _____ Phone: _____

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

CLACK 75517
WESTERBERG DRILLING INC.
PO BOX 1228
MOLALLA, OR 97038

WELL I.D. LABEL # 132654
START CARD # 216582
ORIGINAL LOG #

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(1) LAND OWNER

Owner Well I.D. _____
First Name Lili Last Name Tova
Company Twin Springs Ranch LLC
Address 16261 SE Ten Eyck Rd
City Sandy State OR Zip 97055

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stl Plstc Wld Thr
Material From To Amt sacks/lbs
Seal: _____

(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

Depth of Completed Well 845 ft. Special Standard ☐ (Attach copy)

BORE HOLE			SEAL			Amt	sacks/ lbs
Dia	From	To	Material	From	To		
10	0	378	Bentonite	0	80	112	S
6.25	378	730			Calculated	34	
6.125	730	845	Cement	80	378	319	S
					Calculated	83	

How was seal placed: Method ☐ A ☒ B ☒ C ☐ D ☐ E
☒ Other bent prd & probed

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	Thr
☒	☒	6	☒	15"	378	250	☒	☒	☒	☒
☐	☐	5	☐	362	845	188	☐	☐	☐	☐

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 378

Temp casing ☒ Yes Dia 10 From + ☒ 2 To 131

(7) PERFORATIONS/SCREENS

Perforations Method swift factory slotted

Screens Type _____ Material _____

Perf/S	Casing/ Screen	Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Perf	Liner	5	685	705	.125	3.5	380	5	
Perf	Liner	5	745	765	.125	3.5	380	5	
Perf	Liner	5	825	845	.125	3.5	380	5	

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
40		845	1

Temperature 57 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below) TDS amount 203 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County CLACKAMAS Twp 2 S N/S Range 5 E E/W WM

Sec 7 SE 1/4 of the SW 1/4 Tax Lot 4703

Tax Map Number _____ Lot _____

Lat _____ " or _____ DMS or DD

Long _____ " or _____ DMS or DD

☒ Street address of well ☐ Nearest address

same

(10) STATIC WATER LEVEL

	Date	SWL (psi)	+	SWL (ft)
Existing Well / Pre-Alteration				
Completed Well	01-02-2020			488

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 58

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
11-28-2019	58	60	2			49
12-02-2019	60	114	10			56.4
12-16-2019	675	725	10			488
12-18-2019	740	790	30			488

(11) WELL LOG

Ground Elevation _____

Material	From	To
soil	0	2
clay brown	2	13
clay volcanic gravels	13	22
volcanic gravels	22	34
gravel grey	34	41
gravel & boulders	41	58
volcanic gravels with cobbles	58	114
clay brown	114	125
clay grey sticky	125	140
silt soft grey	140	145
clay grey sticky	145	195
clay blue green med	195	235
clay blue sticky	235	345
claystone grey	345	350
rock grey coarse grain medium hard	350	435
rock grey & lavender	435	515
rock multi colored	515	560
rock grey	560	675
cont.		

Date Started 11-25-2019

Completed 01-02-2020

(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 1358

Date 01-16-2020

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 688

Date 01-16-2020

Signed _____

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.95

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14433



Oregon

Kate Brown, Governor

Water Resources Department

725 Summer St NE, Suite A

Salem, OR 97301

(503) 986-0900

Fax (503) 986-0904

Received

APR 04 2024

OWRD

MEMORANDUM

DATE: 12/6/2019
TO: File G-18561
FROM: Justin Iverson, Groundwater Section Manager *JH*
SUBJECT: Permit G-18150 Condition #4

Permit G-18150 (App/File G-18561) Condition #4 states "Groundwater production shall occur only from the groundwater reservoir between approximately 200 feet and 300 feet below land surface." This condition stemmed from the proposed target well depths listed in application G-18561, which further identified the target aquifer as "volcanic deposits beneath the overlying silts and clays." The groundwater technical review of the application assumed the groundwater reservoir would be a bedrock (volcanic) aquifer underlying unconsolidated sedimentary deposits at the anticipated depths provided in the application (200 to 400 feet below land surface).

On 12/5/2019 the applicant had drilled to 335 feet below land surface and the driller's rough log indicated unconsolidated sedimentary deposits from ground surface to total depth. Given that the target aquifer is located at depths deeper than expected at the location of the POD, and as per Standard Condition #2 of Permit G-18150, a well completed in a single consolidated volcanic groundwater reservoir located deeper than the approximate 300 foot depth listed in permit G-18150 will meet the intent of Condition #4.

Attachment:

Driller's Rough Log as of December 5, 2019

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

WESTERBERG DRILLING INC. WELL I.D. LABEL# L
PO BOX 1228
MOLALLA, OR 97038
START CARD # 216582
ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. _____
First Name Lili Last Name Tova
Company Twin Springs LLC
Address 16261 SE Ten Byck Rd
City Sandy State OR Zip 97055

(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
Casing: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Material From To Amt sacks/lbs
Seal: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

(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 _____ ft.

BORE HOLE

Dia	From	To	Material	From	To	Amt	sacks/lbs
						Calculated	
						Calculated	

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

Backfill placed from _____ ft. to _____ ft. Material _____

Filter pack from _____ ft. to _____ ft. Material _____ Size _____

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 10 From 2 To 130

(7) PERFORATIONS/SCREENS

Perforations Method _____

Screens Type _____

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

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

☐ Pump ☐ Baller ☐ Air ☐ Flowing Artesian

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

Temperature _____ °F Lab analysis ☐ Yes By _____

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

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County CLACKAMAS Twp 2 S N/S Range 5 E E/W WM
Sec 7 SE 1/4 of the SW 1/4 Tax Lot 4703
Tax Map Number _____ Lot _____

Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD

☒ Street address of well ☐ Nearest address

16261 SE Ten Byck Rd

(10) STATIC WATER LEVEL

Date	SWL (psi)	+ SWL (ft)
Existing Well / Pre-Alteration		
Completed Well		

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found _____

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

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
12-02-2019	58	114	10-20		56.4

(11) WELL LOG

Ground Elevation _____

Material	From	To
soil	0	2
clay brown	2	13
clay with volcanic gravel	13	22
volcanic gravels	22	34
gravel grey	34	41
gravel & boulders	41	58
volcanic gravels with cobbles	58	114
clay brown with occasional gravel	114	125
clay grey	125	140
clay soft grey	140	145
clay grey sticky	145	195
clay blue green medium	195	235
clay blue sticky	235	335

Received

APR 04 2024

Date Started 11-25-2019 Completed _____

(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 1358 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 _____ Date _____

Signed _____

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

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