



**Oregon Water Resources Department
Ground Water Application**

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Today's Date: Friday, September 14, 2018

Base Application Fee.			\$1,340.00
Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute)		1	\$350.00
Number of proposed Use's for the appropriated water. (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) *		1	
Number of proposed Ground Water points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) **		1	
Permit Recording Fee. ***			\$520.00
* the 1st Water Use is included in the base cost. ** the 1st Ground Water 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. It is fully refundable if a permit is not 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			\$2,210.00

OWRD Fee Schedule

Fee Calculator Version B20170117

G-18737

Application for a Permit to Use Groundwater



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 JOANN AND BUD FAWVER		PHONE (HM)	
PHONE (WK) (503) 348-8280	CELL	FAX	
ADDRESS 7340 S. Fawver Rd			
CITY Canby	STATE OR	ZIP 97013	E-MAIL*

Organization

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

Agent – 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 (503) 632-5016	FAX (503) 632-5983
ADDRESS 18487 S. Valley Vista Road			CELL (503) 349-6946
CITY Mulino	STATE OR	ZIP 97042	E-MAIL* phgdmh@gmail.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.)

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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.

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



JoAnn Fawver
Applicant Signature
Bud C Fawver
Applicant Signature

JoAnn Fawver
Print Name and Title if applicable
Bud C Fawver
Print Name and Title if applicable

1-29-2018
Date
1-29-2018
Date

For Department Use: App. Number: G-18777

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).*

NA

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
WELL	MOLALLA RIVER	1,525 FEET	10 FEET

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).*

Well specifications provided in the table below are estimates and subject to change based on actual conditions encountered in the field. The objective will be to construct the well to develop water from the alluvial aquifer.

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SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 0.678 CFS (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)
WELL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	<input type="checkbox"/>	10 INCH	0 TO 150	TBD	0 TO 18 - 50 FEET	NA	ALLUVIUM	150 FEET	250 GPM	135.5 AF
	<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.

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For Department Use: App. Number: _____

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 conditions requirements.

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

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Is the well or proposed well located in an area where the Lower Columbia 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, by reviewing 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.

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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:
NA

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)
Nursery	Year round	135.5 AF

For irrigation use only:

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

Primary: NA Acres Supplemental: NA Acres

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

NA

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

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: NA (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*): NA

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SECTION 6: WATER MANAGEMENT

A. Diversion and Conveyance

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

- Pump (give horsepower and type): Submersible, 15 Hp
- Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Water will be pumped from the well using a 15 Hp submersible pump and convey the water through buried mainline supplying greenhouses, hemp plants and hay fields

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 greenhouse and hemp plants in the field will be irrigated with drip lines. The hay fields will be irrigated with impact 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)*.

Irrigation of the greenhouse and hemp plants will be done with drip irrigation system using best management practices to prevent waste. The hay fields will be watered as needed. The most water efficient method of irrigation will be used for the crop being irrigated.

SECTION 7: PROJECT SCHEDULE

- a) Date construction will begin: Within three years after the permit is issued
- b) Date construction will be completed: Within five years after the permit has been issued
- c) Date beneficial water use will begin: Within five years after the permit has been issued

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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 will be applied at rate and duration to avoid excess watering
- 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:
No streams within the place of use so no banks will need clearing
- Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: NA

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 NA	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*).

None

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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.
- Fees - Amount enclosed: \$ 1,690
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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Note: In addition to a groundwater application, a standard reservoir application is required to store groundwater in a reservoir. If an applicant proposes to divert water from a reservoir, a surface water application is also required.

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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

Applicant

NAME JOANN AND BUD FAWVER		PHONE (HM)	
PHONE (WK)	CELL (503) 348-8280	FAX	
ADDRESS 7340 S. FAWVER RD.			
CITY CANBY	STATE OR	ZIP 97013	E-MAIL*

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:
3S	1E	32		800		<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	NU
3S	1E	32		900		<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	NU
						<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:

Clackamas County

B. Description of Proposed Use

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

- Permit to Use or Store Water
 Water Right Transfer
 Permit Amendment or 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: 0.678
 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:

New groundwater application for nursery right to supply water to greenhouse, hemp plants and hay field.

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.

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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.

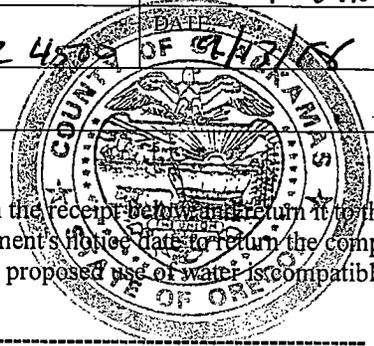
Please check the appropriate box below and provide the requested information

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): ZDO 401
- 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
		<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 Water Resources Department regarding this proposed use of water below, or on a separate sheet.

NAME <i>Anthony Riedener</i>	TITLE: <i>Sr Planner</i>
SIGNATURE <i>[Signature]</i>	PHONE: <i>503 742 4505</i>
GOVERNMENT ENTITY <i>Clatsamas County</i>	DATE: <i>06/13/18</i>



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

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Applicant name: _____

City or County: _____ Staff contact: _____ Date: SEP 14 2018

Signature: _____ Phone: _____

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EXHIBIT "A"

Parcel 1. Beginning at a point which is 12.70 chains North from the most Southerly Southeast corner of the Champing Pendleton D.L.C. No. 58, which corner is 20 chains East from the quarter corner between Sections 31 and 32, in Township 3 South Range 1 East of Willamette Meridian; thence East 14.47 chains parallel to the North boundary line; thence North 12.70 chains parallel to the West boundary line; thence West 14.47 chains to the Northwest corner of the Wesly Joslin D.L.C.; thence South on claim line 12.70 chains to the place of beginning, containing 18.37 acres, save and except the Westerly five acres of the above described tract of land heretofore sold; also

Parcel 2. Beginning at a point which is 12.70 chains North and 14.47 chains East from the most Southerly Southeast corner of the Champing Pendleton D.L.C. No. 58, the said corner being 20 chains east from the quarter corner between Sections 31 and 32, Township 3 South Range 1 East of the Willamette Meridian; thence North 12.70 chains parallel to the West boundary line to the North boundary line; thence East 14.28 chains to Molalla River; thence South 2° 0' East 13 chains; thence West 14.66 chains to the place beginning;

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