

Oregon Water Resources Department

Attn: Lucinda Vranizan

725 Summer St. NE, Suite A

Salem, OR 97301

Received by OWRD

JUL 24 2024

Salem, OR

Application G-19189, Blaine Grassman Living Trust, Dated Oct. 25, 2006

Re: Amendment Memo and Request for Groundwater Re-review

In response to the application G-19189 initial review issued by OWRD on July 12, 2024, the applicant is proposing amendments and additional information to resolve the issues present.

In order to resolve the well construction issue, the applicant proposes a new well, Well 2, that will be constructed in compliance with current standards to protect the groundwater resources. In response to the well compliance memo accompanying the groundwater review for G-19189, Well 1 will be removed from the application entirely and the use is now proposed on Well 2. This change is reflected on the attached amended application pages 2 and 3 as well as the amended application map.

The proposed Well 2 location is also moving further West from East Champoeg Creek which the groundwater review found potential for substantial interference with. As shown on the attached "Buffer Map", the proposed well location is still approximately 1,250' inside the 1-mile buffer from the beginning of the mapped perennial reach of East Champoeg Creek. Additional information is also being enclosed as evidence that this perennial reach is inaccurate and support the fact that East Champoeg Creek remains seasonal much further North than initially reviewed. Photos of the current streamflow and channel conditions have been provided at points described in the accompanying table and on a map in relation to the proposed well and application subject property.

The applicant has also stated that these photos could have been taken earlier in the irrigation season in May or June when most of their irrigation occurs and it would have looked the same. This evidence is being provided in the timeliest matter possible following the issuance of the initial review. The mapped East Champoeg Creek is used as a tile drainage in some areas and does receive some surface water flow during a major rainfall event (1-2" of precipitation in a day); however, the creek does not appear to have perennial flow for a reach that extends much further than 1 mile from the proposed well.

Discussions with the watermaster indicated that moving West closer to the Willamette River and side channels while remaining outside ¼ mile buffer should not cause any issues for other water users.

Using this additional information and the proposed amendments, the applicant requests that you submit G-19189 for a re-review from the groundwater section. Please let us know if anything else is needed to proceed. Thank you.

Attached: Amended App. Pgs. 2 & 3, Amended App. Map, Buffer Map, Photo Points Map, Photo Points Table, Photos of East Champoeg Creek

SECTION 2: PROPERTY OWNERSHIP

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

☒ YES, there are no encumbrances.

☐ YES, the land is encumbered by easements, rights of way, roads or other encumbrances.

☐ NO, I have a recorded easement or written authorization permitting access.

☐ NO, I do not currently have written authorization or easement permitting access.

☐ NO, written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).

☐ NO, because water is to be diverted, conveyed, and/or used only on federal lands.

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

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

AMENDED 7/23/2024

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 2	EAST CHAMPOEG CREEK	>4,500'	16'

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*).

East Champoeg Creek's flow is seasonal at the place of use and farmed over in multiple places within two miles downstream from the POA in this application before becoming a perennial stream.

SECTION 3: WELL DEVELOPMENT, continued

AMENDED 7/23/2024

Total maximum rate requested: 0.25 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 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	12"	+2 – 170' +/-	120 – 150' +/-	MIN. 18'		SAND & GRAVEL	170' +/-		49
	<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.

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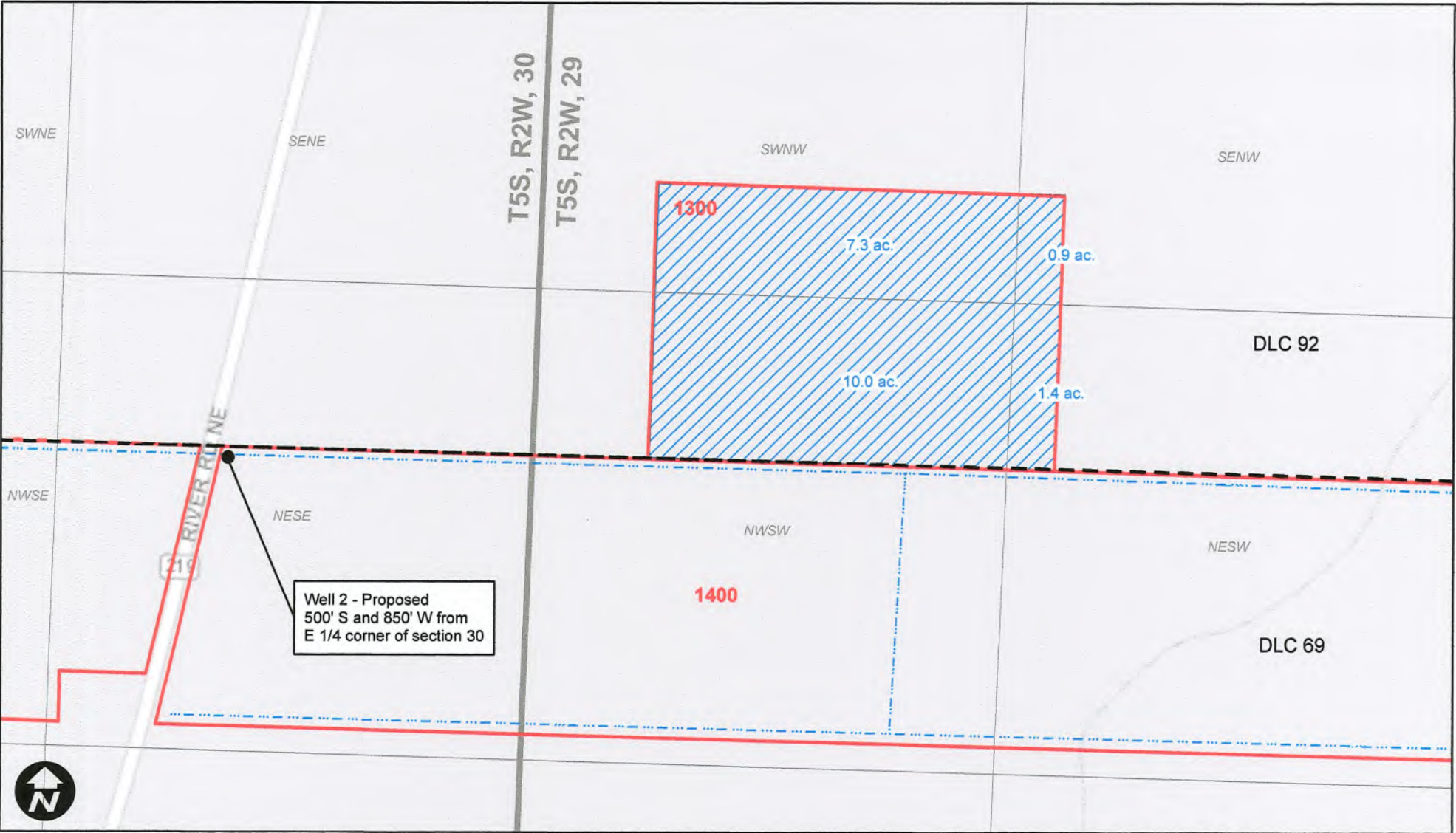
For Department Use: App. Number: _____

Groundwater — Page 3

Rev. 08-18

Groundwater Application Grassman

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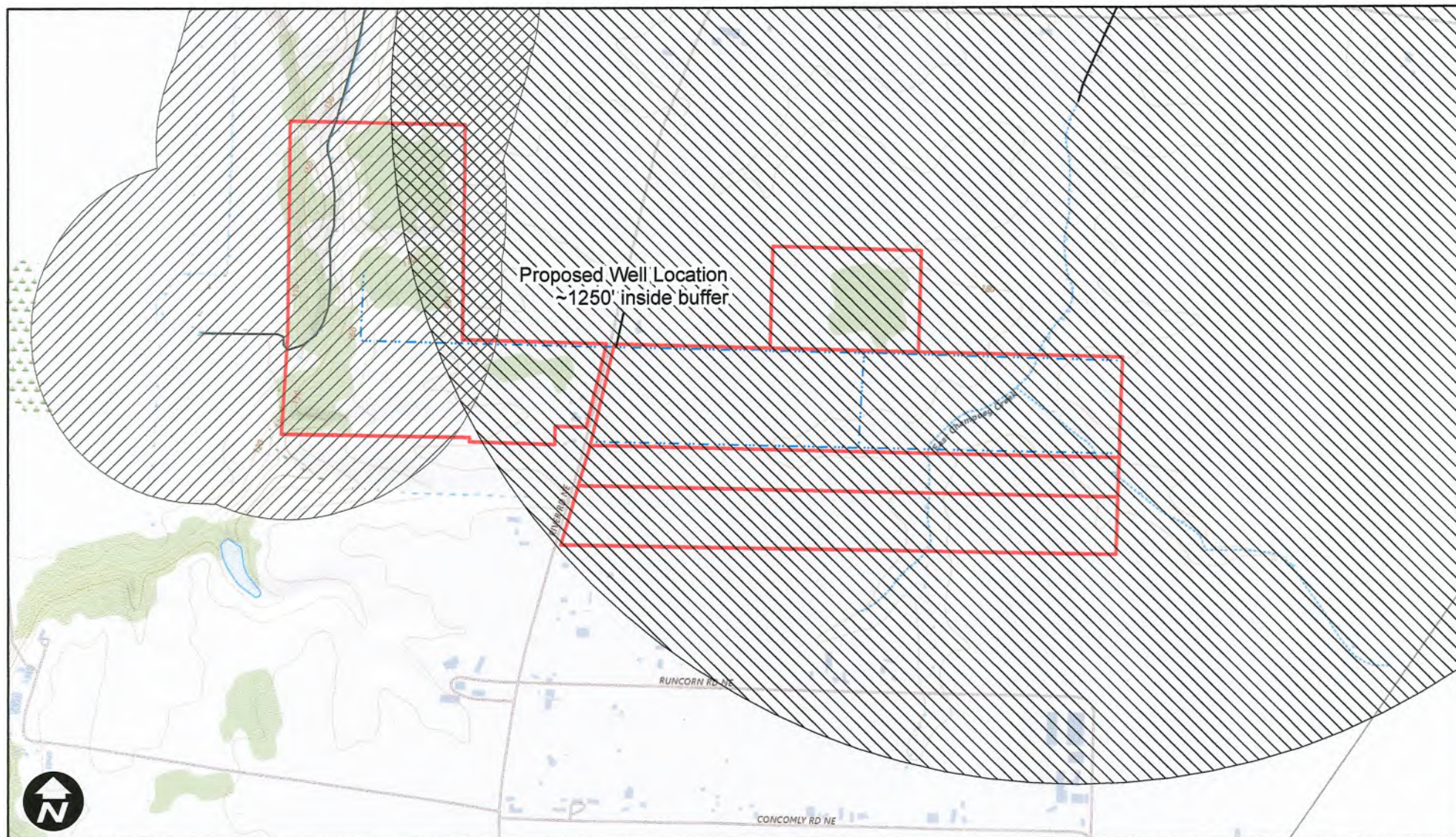


Legend

 Proposed IR POU  Mainline  Taxlot  DLC

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Grassman Buffer Map



Legend

- Unnamed Slough
- E Champoeg Creek
- ▨ UnnamedSlough_1/4 mile Buffer
- ▨ EChampoegCreek_1 mile Buffer
- - - Mainline
- ▭ Taxlot

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0 500 1,000 2,000 Feet

Photo Point on Map	Coordinates	Photos Taken
A	45.102334, -122.964650	<ul style="list-style-type: none"> • South property line looking West
B	45.106618, -122.961478	<ul style="list-style-type: none"> • North property line looking North • North property line looking South
C	45.120040, -122.953084	<ul style="list-style-type: none"> • North view between Keene Rd. and St. Louis Rd. • South view between Keene Rd. and St. Louis Rd.
D	45.123139, -122.952658	<ul style="list-style-type: none"> • St. Louis Rd. North view • St. Louis Rd. South view

Photo Point on Map	Description
A	South property line of applicant where seasonal East Champoeg Creek crosses. Confirms seasonality of flow, applicant does not see clear channel or any surface water outside of major rainfall events.
B	North property line of applicant where seasonal East Champoeg Creek crosses. Confirms seasonality of flow, applicant does not see clear channel to South or any surface water outside of major rainfall events. Natural looking drainage to North, but still no flow outside of major rainfall events.
C	At property line between Keene and St. Louis Roads >3,400' from beginning of "perennial" reach of East Champoeg Creek. No clear channel to North with signs of seasonal drainage farmed over (planted hazelnut orchard). Drainage ditch to South with pooled stagnant water, no physical flow this time of year. Obviously man-made or cleaned out due to lack of vegetation.
D	At St. Louis Road where East Champoeg Creek crosses >4,500' from beginning of "perennial" reach. No clear channel to South with signs of seasonal drainage farmed over (planted hazelnut orchard). Natural drainage ditch to the North with wetter vegetation. Pooled stagnant water, no physical flow this time of year.

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South Property Line looking West – 7/15/2024 – 45.102334, -122.964650

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North Property Line looking North, dry drainage ditch – 7/15/2024 – 45.106618, -122.961478

@Point B

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North Property Line looking South – 7/15/2024 – 45.106618, -122.961478

@ Point B

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North view between Keene Rd. and St. Louis Rd. – 7/20/2024 – 45.120040, -122.953084

@ Point C

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South view between Keene Rd. and St. Louis Rd. – 7/20/2024 – 45.120040, -122.953084

@ Point C

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St. Louis Rd. North View – 7/20/2024 – 45.123139, -122.952658

@Point D

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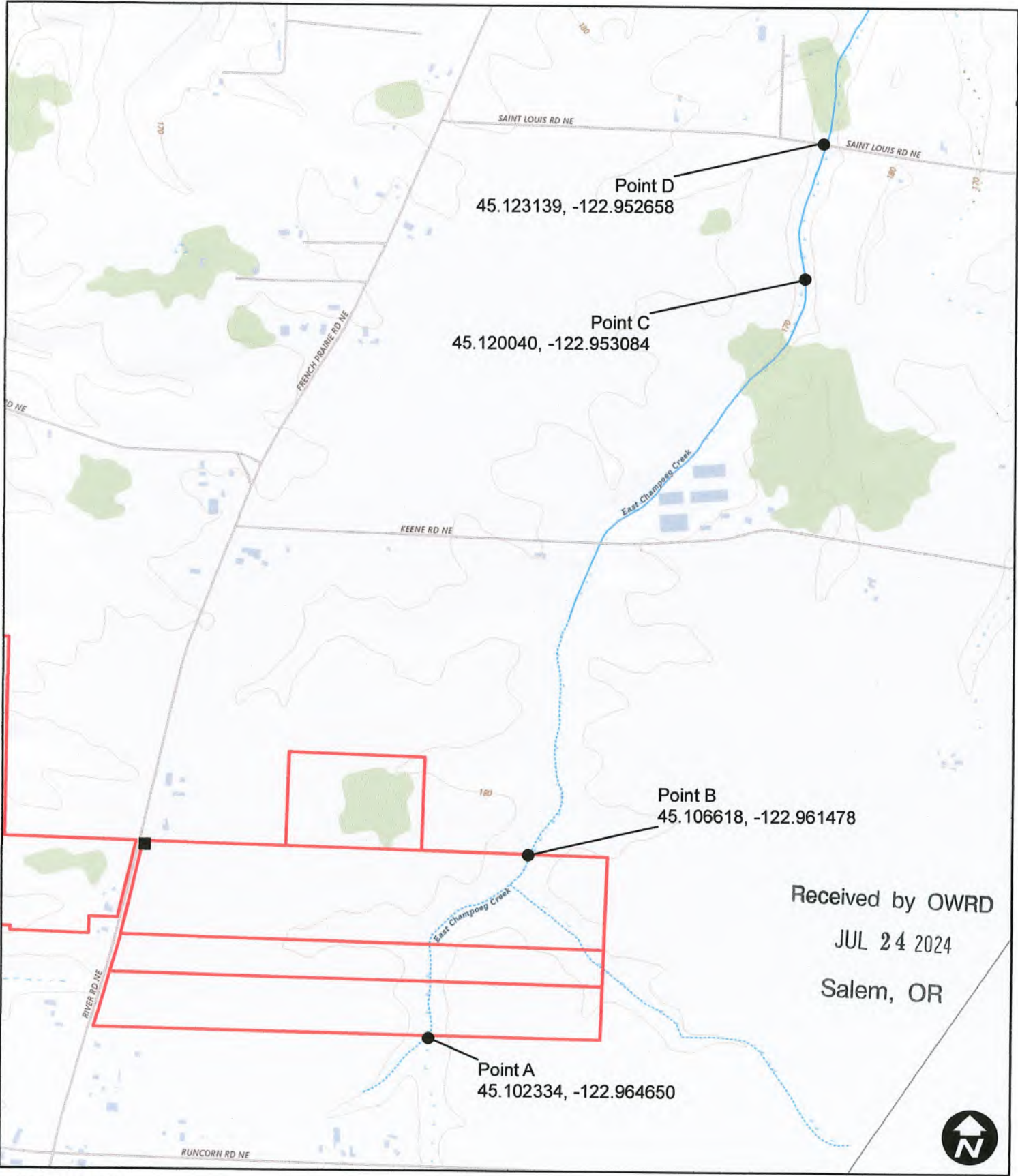
St. Louis Rd. South View – 7/20/2024 – 45.123139, -122.952658
@Point D

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East Champoeg Creek - Photo Points



Legend

- Proposed Well
- Applicant's Property
- Photo Points