



State of Oregon  
**Water Resources Department**  
 725 Summer Street NE, Suite A  
 Salem, Oregon 97301-1266  
 (503) 986-0900

# Application for Groundwater Registration Modification

## Part 1 of 5 – Minimum Requirements Checklist

**This Groundwater Registration Modification application will be returned if Parts 1 through 4 and all required attachments are not completed and included.**  
 For questions, please call (503) 986-0900, and ask for Transfer Section.

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

- Part 1 – Completed Minimum Requirements Checklist.
- Part 2 – Completed Application Map Checklist.
- Part 3 – Completed Applicant Information and Signature.
- Part 4 – Completed Groundwater Registration Modification Application – Groundwater Registration Information. (Only one Groundwater registration per application, unless the Groundwater registrations to be modified are layered).
- Completed Groundwater Registration Modification Application Map (Does not have to be prepared by a Certified Water Right Examiner). **Attachment B**
- Groundwater registration modification fees – Amount enclosed: \$ **1,250.00**. (\$875.00 for a place of use change only; \$1,250.00 for any other change or combination).

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**Attachments:**

- N/A Request for Assignment Form and statutory fee. This form needs to be completed if the applicant owns the land to which the registration is appurtenant and is **not** the registration certificate holder of record. The Request for Assignment Form is available at <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>.  
 Assignment is not needed for any person or entity who can demonstrate authorization to request recognition of a modification (e.g. legal representative, power of attorney, agent, etc.) **or** the applicant is named on the certificate of registration, or has been assigned to the certificate of registration.
- 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. **Attachment C**
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation. **Attachment D**

**(For Staff Use Only)**

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

<input type="checkbox"/> Application fee not enclosed/insufficient	<input type="checkbox"/> Map not included or incomplete
<input type="checkbox"/> Land Use Form not enclosed or incomplete	<input type="checkbox"/> Assignment Form and fee not enclosed/insufficient
<input type="checkbox"/> Additional signature(s) required	<input type="checkbox"/> Part _____ is incomplete

Other/Explanation \_\_\_\_\_

Staff: \_\_\_\_\_ 503-986-0 \_\_\_\_\_ Date: / /

## Part 2 of 4 – Groundwater Registration Modification Map Checklist

**Your Groundwater Registration Modification 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.**

- 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 appropriation such as main pipelines, canals, and ditches.
- Existing place of use that includes hachuring, 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 registration is being changed, a separate hachuring is needed for the portion of the registration left unchanged.
- N/A If you are proposing a modification in place of use, show the proposed place of use with hachuring including 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 appropriation with distance and bearing or coordinates from a recognized survey corner.
- N/A If you are proposing a modification in point(s) of appropriation, 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°).

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## Part 3 of 4 – Applicant Information and Signature

### Applicant Information

APPLICANT/BUSINESS NAME <b>City of Salem, Attn: Jason Pulley</b>		PHONE NO. <b>503-588-6398</b>	ADDITIONAL CONTACT NO.
ADDRESS <b>555 Liberty Street SE, Room 325</b>			FAX NO.
CITY <b>Salem</b>	STATE <b>OR</b>	ZIP <b>97301</b>	E-MAIL <b>jpulley@cityofsalem.net</b>
<b>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.</b>			

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

APPLICANT/BUSINESS NAME <b>GSI Water Solutions, Attn: Adam Sussman</b>		PHONE NO. <b>541-257-9001</b>	ADDITIONAL CONTACT NO.
ADDRESS <b>1600 SW Western Blvd., Suite 240</b>			FAX NO.
CITY <b>Corvallis</b>	STATE <b>OR</b>	ZIP <b>97333</b>	E-MAIL <b>asussman@gsiws.com</b>
<b>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.</b>			

Explain in your own words what you propose to accomplish with this modification; and why:  
**The Applicant proposes to add an existing collector well (Collector Well 1) and 2 proposed collector wells (Collector Wells 2 and 3) as points of appropriation under GR-3510 and change the place of use to the “City of Salem service area.”**

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)

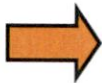
(Check one box)

- By signing this application, I (we) understand that, upon receipt of the draft preliminary determination and prior to Department approval of the Groundwater modification, I (we) will be required to provide landownership information and evidence that I am authorized to pursue the modification as identified in OAR 690-382-0400(16)(a); **OR**
- I (we) affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of the municipality or a predecessor; **OR**
- I (we) affirm that the applicant is an entity with the authority to condemn property and is acquiring the property to which the Groundwater registration proposed for modification is appurtenant by condemnation and have attached supporting documentation.

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I understand that prior to Department approval of the groundwater registration modification, 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 groundwater registration 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 paper: Statesman Journal.

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



Applicant Signature

**Jason Pulley, Utilities Planning Coordinator**  
Print Name (and Title if applicable)

12/11/19  
Date

Is the applicant the sole owner of the land on which the Groundwater registration modification or portion thereof, is located?  Yes  No *If NO, include signatures of all deeded landowners (and mailing and/or e-mail addresses if different than the applicant's) or attach affidavits of consent (and mailing and/or e-mail addresses) from all landowners or individuals/entities to which the Groundwater registration has been conveyed.*

**The City owns the land where the authorized and proposed points of appropriation are located.**

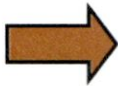
**Check the appropriate box, if applicable:**

- Check here if the Groundwater registration proposed for modification is or will be located within or served by an irrigation or other water district.

IRRIGATION DISTRICT NAME	ADDRESS	
CITY	STATE	ZIP

- Check here if water for the Groundwater registration is supplied under a water service agreement or other contract with a federal agency or other entity.

ENTITY NAME	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. **Both the authorized and proposed points of appropriation are located in Marion County. (Well logs incorrectly identified the county.)**

ENTITY NAME <b>Marion County Planning and Zoning</b>	ADDRESS <b>5155 Silverton Rd NE</b>	
CITY <b>Salem</b>	STATE <b>OR</b>	ZIP <b>97305</b>

ENTITY NAME <b>Polk County Planning Division</b>	ADDRESS <b>850 Main St.</b>	
CITY <b>Dallas</b>	STATE <b>OR</b>	ZIP <b>97338</b>

ENTITY NAME <b>City of Salem Planning Department</b>	ADDRESS <b>555 Liberty St. RM 305</b>	
CITY <b>Salem</b>	STATE <b>OR</b>	ZIP <b>97301</b>

ENTITY NAME <b>City of Turner Planning &amp; Building</b>	ADDRESS <b>5255 Chicago St. SE, PO Box 456</b>	
CITY <b>Turner</b>	STATE <b>OR</b>	ZIP <b>97392</b>

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## Part 4 of 4 – Groundwater Registration Information

Please use a separate Part 4 for each registration being modified. See instructions on page 5, to copy and paste additional Part 4s, or to add additional rows to tables within the form.

**Table 1. Location of Authorized and Proposed Point(s) of Appropriation (POA)**

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

POA Name or Number	Is this POA Authorized by the registration or is it Proposed?	OWRD Well Log ID# (or Well ID Tag # L-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well #12	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	LINN 2679	9	S	1	W	13	NW	NW	400	830 feet South and 580 feet East of NW corner of Section 13
Collector Well 1	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	LINN 2676	9	S	1	W	13	NE	NW	400	980 feet South and 1,450 feet East from the NW corner of Section 13
Collector Well 2	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		9	S	1	W	11	SE	SE	100	705 feet North and 1,200 feet West of NW corner of Section 13
Collector Well 3	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		9	S	1	W	13	SW	NE	400	1,815 feet South and 3,155 feet East of NW corner of Section 13

**Check all type(s) of modifications(s) proposed below (modification “CODES” are provided in parentheses):**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Point of Appropriation (well) (POA)                 |
| <input type="checkbox"/> Character of Use (USE)        | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |

**Will all of the proposed changes affect the entire Groundwater registration?**

- 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 registration to be changed.

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Please use and attach additional pages of Table 2 as needed.  
See page 5 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 Modifications to Registration GR-3507 (Certificate # GR-3227)**

List only the part of the registration that will be modified. For the acreage in each 1/4 1/4, list the modification proposed. If more than one modification, specify the acreage associated with each modification. If more than one POA, specify the acreage associated with each POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears in the registration BEFORE PROPOSED CHANGES List only that part or portion of the groundwater registration 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	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acre	Type of USE listed on Certificate	POA(s) (name or number from Table 1)	Priority Date	Twp		Rng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acre	New Type of USE	POA(s) to be used (from Table 1)	Priority Date				
<b>EXAMPLE</b>																										
2	S	9	E	15	NE	NW	100		15.0	Irrigation	POD #1 POD #2	1901	POU/POD	2	S	9	E	1	NW	NW	500	1	10.0		POD #5	1901
"	"	"	"	"	"	"	"	"	"	EXAMPLE	"	"	"	2	S	9	E	2	SW	NW	500		5.0		POD #6	1901
												POU/APOA	"City of Salem service area." See proposed place of use map (Attachment B).							Municipal	Well #12, Collector Wells 1, 2 and 3	1940				
TOTAL ACRES												TOTAL ACRES														

Additional remarks: The City is proposing to add three points of appropriation to GR-3507, and change the place of use to the City of Salem Service Area.

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**Groundwater Registration # GR-3507 (Certificate # GR-3227)**

**For a modification in place of use or character of use:**

**Are there other water right certificates, water use permits, or Groundwater registrations associated with the “from” or “to” lands?**  Yes  No N/A – GR-3507 is a municipal use right, so “layering” does not apply

If YES, list the other certificate, water use permit, or other Groundwater registration numbers:



Pursuant to OAR 690-382-0200, any “layered” water use, such as an irrigation right that is supplemental to a primary irrigation right proposed for transfer, must be concurrently transferred with the registration or be cancelled. Any change to a water right must be filed separately in a transfer application. Any change to a water use permit must be filed separately with a permit amendment. Any modification to a Groundwater registration on the “to” lands must be filed separately with a Groundwater registration modification.

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**For modifications in point(s) of appropriation (well(s) or additional point(s) of appropriation:**

- Well log(s) are attached for each well 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/](http://apps.wrd.state.or.us/apps/gw/well_log/)) The well logs for LINN 2679 and LINN 2676 are provided in Attachment D

**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 adequate information is likely to delay the processing of your modification 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.

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
Collector Well 1	<b>Construction information for Collector Well 1 is provided in Attachment E</b>									
Collector Well 2	No	N/A	Up to 50 ft	20 ft	Up to 50 ft bgs	N/A – these are collector wells	Anticipate multiple lateral screens (200-ft length) appr. 30-50 ft bgs	15 ft bgs (est.)	Sand and gravel	Approx. 7000 gpm
Collector Well 3	No	N/A	Up to 50 ft	20 ft	Up to 50 ft bgs			15 ft bgs (est.)	Sand and gravel	Approx. 7000 gpm

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Attachment A

GR - 3507

Application for Groundwater Registration Modification – City of Salem

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13316 -



# Registration Statement

Certificate No. GR - 3227

## OF CLAIMANT OF RIGHT TO APPROPRIATE GROUND WATER

TO THE STATE ENGINEER OF OREGON:

I, CITY WATER DEPARTMENT

of SALE County of WASHINGTON  
(Mailing address)

State of OREGON, do hereby make application for a certificate of registration as evidence of a right to appropriate ground water.

1. Source from which water is withdrawn is PUMP WELL  
(Flowing well, pump well, infiltration trench, or tunnel)

2. Location is: STATTON ISLAND, APPROX. 2 MI. E. OF STATTON  
(Approximate distance and direction from nearest city or town)

and is more particularly described as follows: WELL # 12

(a) 830' S & 540' E. Of NW Cor Sec 13  
(Give distance and bearing to corner of section or other legal subdivision)

being within NW 1/4 NE 1/4 of Sec. 13, Twp. 9S 1, Rge. 1E  
(Smallest legal subdivision) (N or S) (E or W)

or (b) within limits of recorded platted property, town or city:

in Lot \_\_\_\_\_ Block \_\_\_\_\_ of \_\_\_\_\_  
(Name of plat or addition)

County of LEWIS  
(If within city or town, give name)

3. Construction Work was begun on 1910, was completed on 1910  
(Date) (Date)

and the ground water claimed was first used for the purposes set out below on 1910  
(Date)

since which time the water has been used INTERMITTENTLY  
(Continuously or intermittently)

from 1910 to PRESENT  
(Date) (Date)

4. Quantity of water claimed and used is 1550 gallons per minute; \_\_\_\_\_ acre feet per year.

5. Purpose or Purposes for which water is used MUNICIPAL WATER SUPPLY  
(Domestic, irrigation, municipal, manufacturing, industrial, etc.)

6. Description of Well: Depth 50 feet. Type DRILLED  
(Dug or drilled)

diameter 1 1/2 I.D. inches. Elevation of ground at well site 166 feet, mean sea level.  
(As near as known)

Depth to water table 12' feet.

7. Capacity of Well: 1550 g.p.m. with 10 feet drawdown.  
\_\_\_\_\_ g.p.m. with \_\_\_\_\_ feet drawdown.

Date of test 12-24-10

If Flowing Well: Measured discharge \_\_\_\_\_ g.p.m. on \_\_\_\_\_  
(Date)

Shut-in pressure at ground surface \_\_\_\_\_ lbs. per sq. in. on \_\_\_\_\_  
(Date)

Water is controlled by \_\_\_\_\_  
(Cap, valve, etc.)

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10. If the ground water supply is supplemental to an existing water supply, identification of any application for a permit, permit, certificate or adjudicated right to appropriate water made or held by the registrant. Application No. 12033, State Engineer Special Order No. 7, P. 23, and right registration state, accompanying this one.

Township North or South	Range E. or W. of Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated	Date of Reclamation
T7S	R3W	22	E 1/2	Municipal	1930
"	"	23	W 1/2	"	"
"	"	24	W 1/2	"	"
"	"	28	W 1/2	"	"
"	"	27	W 1/2	"	"
"	"	34	N 1/2	"	"
"	"	35	N 1/2	"	"

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14. Location of area irrigated or to be irrigated, or place of use if for purposes other than irrigation.

13. Pumping Equipment:

(a) Pump: STERLING, VERTICAL, 10" diameter, 10' H.P., Capacity 1500 G.P.M.

(b) Motor: U.S. MOTOR, 30 H.P., 10' H.P., (Type and horsepower)

Log of tunnel: (Preceding table for log of well may be used, if desired. Give footage from portal and character of materials, as pertinent.)

12. Tunnel: Type of lining

Dimensions: Length: Minimum depth: Maximum depth: ft.

Bottom width: ft. Discharge: G.P.M. Date of test:

Position of water bearing stratum with reference to portal of tunnel

Dimensions: Length, course, and cross-sectional size



Township 25 Range 17, W.M. North

11			12
		112 (.) D	
14			13

Locate well and acreage of irrigated land on plat.  
Scale: 2" = 1 Mile

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STATE OF OREGON

County of MARION

ss.

I, JOHN L. ... being first duly sworn, do hereby certify that I have read the foregoing Registration Statement and that all of the items therein contained are true to the best of my knowledge and belief.

*John L. ...*  
(Signature of Registrant)

Subscribed and sworn to before me this 20 day of July 19 59

My commission expires 20 19 61

(Notary Public)

(SEAL)

CERTIFICATE OF REGISTRATION

STATE OF OREGON

County of Marion

ss.

This is to certify that the foregoing Registration Statement was received in the office of the State Engineer on the 31 day of July, 19 59, at 4 o'clock P.M. and has been duly recorded in said office in Book No. 13 of Registration Statements on page GR-3227.

Witness my hand this 20 day of July 19 59

*State Engineer*  
(State Engineer)

By

(Deputy)

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GR - 3227

\$26.00



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**Attachment B**  
**Application Maps**

Application for Groundwater Registration Modification – City of Salem

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**Zach Pike-Urlacher**

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**From:** STARNES Patrick K \* WRD <Patrick.K.Starnes@oregon.gov>  
**Sent:** Tuesday, August 20, 2019 8:28 AM  
**To:** Zach Pike-Urlacher  
**Subject:** RE: Request for map scale waiver for the City of Salem

Hi Zach

The Department grants a map scale waiver for your attached transfer and GR modification application maps.

Please attach a copy of this e-mail to the map when you send in the application.

Kelly

\*\*\*\*\*

Kelly Starnes, Transfer Program Analyst  
Oregon Water Resources Department  
725 Summer St NE Suite A  
Salem OR 97301-1271  
Telephone: 503-986-0886 Fax: 503-986-0903  
E-mail: [patrick.k.starnes@oregon.gov](mailto:patrick.k.starnes@oregon.gov)

Please Note: Under Oregon Law, messages to and from this e-mail address may be available to the public.

\*\*\*\*\*

**From:** Zach Pike-Urlacher <[zpikeurlacher@gsiws.com](mailto:zpikeurlacher@gsiws.com)>  
**Sent:** Monday, August 19, 2019 3:35 PM  
**To:** STARNES Patrick K \* WRD <Patrick.K.Starnes@oregon.gov>  
**Cc:** Trevor Grandy <[tgrandy@gsiws.com](mailto:tgrandy@gsiws.com)>  
**Subject:** Request for map scale waiver for the City of Salem



Dear Kelly Starnes,

The City of Salem is preparing one water rights transfer and four ground water modifications to add two proposed points of appropriation to Certificate 91526, GR-3502, GR-3507, GR-3509, and GR-3510.

Because of the size of the City of Salem’s service area, we are requesting a map scale waiver for the place of use map for each application (See attachments). The authorized/proposed point of appropriation maps are at a standard scale (1 inch=1,320 feet), and are also attached to this email.

Please let us know if you have any questions regarding our map scale waiver request.

Thank you,

**Zach Pike-Urlacher**  
**Water Resources Analyst**  
direct: 541.754.7095 | mobile: 360.739.2303

13316



1600 SW Western Boulevard, Suite 240, Corvallis, OR 97333  
GSI Water Solutions, Inc. | [www.gsiws.com](http://www.gsiws.com)

Based on the maps provided, it appears that the proposed “place of use” within Polk County’s jurisdiction (outside of City limits) would be on properties located within the Exclusive Farm Use (EFU), Farm/Forest (F/F), Acreage Residential- Five Acre (AR-5), and Suburban Residential (SR) zones.

Although no development within Polk County is proposed, I have included a list of different criteria that applies to public utilities within these zones. If any development is proposed, additional review may be required.

***EFU and F/F***

[PCZO 136.030(O) and 138.040(V), Permitted Use]

Utility facility service lines [OAR 660-033-0130(32)], and facilities or structures that end at a point where the utility service is received by the customer and that are located on one or more of the following:

- (1) A public right of way; or
- (2) Land immediately adjacent to a public right of way, provided the written consent of all adjacent property owners has been obtained; or
- (3) The property to be served by the utility.

[PCZO 136.040(T) and 138.050(E), Subject to an Administrative Review application]

Utility Facilities Necessary for Public Service [OAR 660-033-0130(16)], including wetland waste treatment systems, except commercial facilities for the purpose of generating power for public use by sale and transmission towers over 200 feet in height.

- (1) A utility facility is necessary for public service if the facility must be sited in an exclusive farm use zone in order to provide the service. To demonstrate that a utility facility is necessary, an applicant must show that reasonable alternatives have been considered and that the facility must be sited in an Exclusive Farm Use zone due to one or more of the following factors:
  - (a) Technical and engineering feasibility;
  - (b) The proposed facility is locationally dependent. A utility facility is locationally dependent if it must cross land in one or more areas zoned for exclusive farm use in order to achieve a reasonably direct route or to meet unique geographical needs that cannot be satisfied on other lands;
  - (c) Lack of available urban and nonresource lands;
  - (d) Availability of existing rights of way;
  - (e) Public health and safety; and
  - (f) Other requirements of state and federal agencies.
- (2) Costs associated with any of the factors listed in subsection (T)(1) of this section may be considered, but cost alone may not be the only consideration in determining that a utility facility is necessary for public service. Land costs shall not be included when considering alternative locations for substantially similar utility facilities and the siting of utility facilities that are not substantially similar.



- (3) The owner of a utility facility approved under this section shall be responsible for restoring, as nearly as possible, to its former condition any agriculture land and associated improvements that are damaged or otherwise disturbed by the siting, maintenance, repair or reconstruction of the facility. Nothing in this subsection shall prevent the owner of the utility from requiring a bond or other security from a contractor or otherwise imposing on a contractor the responsibility for restoration.
- (4) The governing body of the county or its designee shall impose clear and objective conditions on an application for utility siting to migrate and minimize the impacts of the proposed facility, if any, on surrounding lands devoted to farm use in order to prevent a significant change in accepted farm practices or a significant increase in the cost of farm practices on surrounding farmlands.
- (5) The utility facility necessary for public service may include on-site and off-site facilities for temporary workforce housing for workers constructing a utility facility. Such facilities must be removed or converted to an allowed use under OAR 660-033-0130(19) or other statute or rule when project construction is complete. Off-site facilities allowed under this paragraph are subject to OAR 660-033-0130(5). Temporary workforce housing facilities not included in the initial approval may be considered through a subsequent application. Such a request shall have no effect on the original approval. [Amended by Ordinance 11-03]
- (6) In addition to the provisions of subsections (T)(1) to (4) of this section, the establishment or extension of a sewer system as defined by OAR 660-011-0060(1)(f) in an exclusive farm use zone shall be subject to the provisions of OAR 660-011-0060.
- (7) The provisions of subsections (T)(1) to (4) of this section do not apply to interstate natural gas pipelines and associated facilities authorized by and subject to regulations by the Federal Energy Regulatory Commission.
- (8) Communication towers authorized under this section shall comply with the standards listed in Section 112.135

**AR-5**

[PCZO 128.540(S), Subject to a Conditional Use Approval]

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(S) Utility facilities necessary for public service, except commercial facilities for the purpose of generating power for public use by sale, as provided in Section 112.135.

**SR**

[PCZO 127.020(E) and (F), Permitted Uses]

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- (E) Right-of-way for public utilities for convenience and necessity;
- (F) Public utilities, structures directly related to the operation of (E) above, not to include storage, maintenance or related activities, when they comply with all yard and setback requirements;

Well #12 - LINN 2679  
Collector Well 1 - LINN 2676

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Attachment D  
Well Logs

Application for Groundwater Registration Modification – City of Salem

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STATE ENGINEER  
Salem, Oregon

*LINN 2617*  
*ZB*

# Well Record

STATE WELL NO. 9/1W-13D  
COUNTY Linn  
APPLICATION NO: GR-3507

OWNER: City Water Department

MAILING ADDRESS: Salem

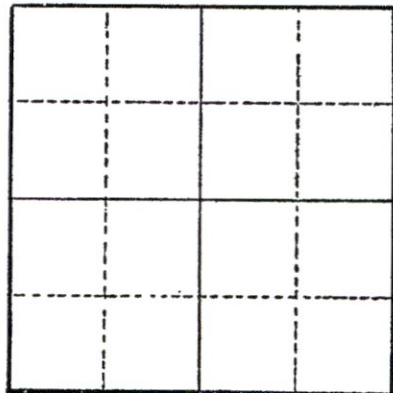
LOCATION OF WELL: Owner's No. 12

CITY AND STATE: Oregon

NW 1/4 NW 1/4 Sec. 13 T. 9 N S., R. 1 E W., W.M.

Bearing and distance from section or subdivision

corner 830' S. and 540' E.



Section .....

Altitude at well .....

TYPE OF WELL: drilled Date Constructed 1940

Depth drilled 60' Depth cased .....

CASING RECORD:

FINISH:

9" strainer welded to suction

AQUIFERS:

WATER LEVEL:

12'

PUMPING EQUIPMENT: Type Sterling Vertical Turbine 10" H.P. 10  
Capacity 1550 G.P.M.

WELL TESTS:

Drawdown ..... ft. after ..... hours pumping 1550 G.P.M.

Drawdown ..... ft. after ..... hours ..... G.P.M.

USE OF WATER Municipal Water Supply Temp. ..... °F. ...., 19.....

SOURCE OF INFORMATION GR-3227

DRILLER or DIGGER .....

ADDITIONAL DATA:

Log ..... Water Level Measurements ..... Chemical Analysis ..... Aquifer Test .....

REMARKS:

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STATE ENGINEER  
Salem, Oregon

LINN  
2676

# Well Record

STATE WELL NO. 9/LW-13C  
COUNTY Linn  
APPLICATION NO. GR-3502

OWNER: City Water Department

MAILING ADDRESS: Box 190

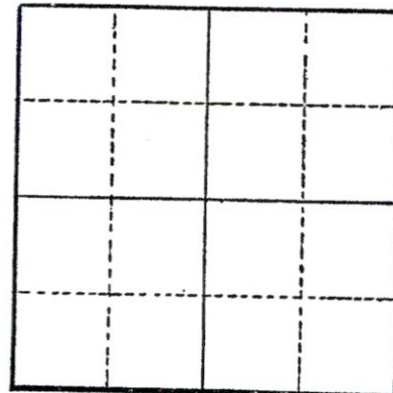
LOCATION OF WELL: Infiltration Gallery #1  
Owner's No.

CITY AND STATE: Salem, Oregon

NE 1/4 NW 1/4 Sec. 13 T. 9 N. S., R. 1 E. W., W.M.

Bearing and distance from section or subdivision

corner 1060' S. and 1375' E.



Section

Altitude at well

TYPE OF WELL: Date Constructed 1937

Depth drilled Depth cased

CASING RECORD:

FINISH:

AQUIFERS:

WATER LEVEL:

PUMPING EQUIPMENT: Type Capacity G.P.M. H.P.

WELL TESTS: Drawdown ft. after hours G.P.M.  
Drawdown ft. after hours G.P.M.

USE OF WATER Municipal Water Supply Temp. °F. 19  
SOURCE OF INFORMATION GR-3223

DRILLER or DIGGER  
ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

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CWRD

Attachment E  
Collector Well 1 Construction Details  
Application for a Permanent Water Right Transfer – City of Salem

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December 16, 2019

Kelly Starnes  
Oregon Water Resources Department  
725 NE Summer Street, Suite A  
Salem, OR 97301

RE: Application for Groundwater Registration Modification for GR-3510 in the name of City of Salem

Dear Kelly:

GSI Water Solutions, Inc. (GSI) is submitting the enclosed Groundwater Registration Modification on behalf of the City of Salem. The City holds Ground Water Registration GR-3510 which allows for the appropriation of 1775 gallons per minute for municipal use. The City is seeking to add an existing collector well (Collector Well 1) and two proposed collector wells (Collector Wells 2 and 3) as points of appropriation to GR-3510 and change the place of use to the "City of Salem service area".

The required application documents and fee of \$1,250 are enclosed.

Please contact me if you have any questions. My phone number is 541-257-9001.

Sincerely,

A handwritten signature in black ink, appearing to read "Adam Sussman", written in a cursive style.

Adam Sussman  
Principle Water Resources Consultant

Enclosures: Application for Groundwater Registration Modification – GR-3510  
Check in the amount of \$1,250

RECEIVED  
DEC 17 2019  
OWRD