



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).

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: ____/____/____

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

| | | | |
|--|--------------------|----------------------------------|-------------------------------------|
| APPLICANT/BUSINESS NAME GSI Water Solutions, Attn: Adam Sussman | | PHONE NO. 541-257-9001 | ADDITIONAL CONTACT NO. |
| ADDRESS 1600 SW Western Blvd., Suite 240 | | | FAX NO. |
| CITY Corvallis | STATE OR | ZIP 97333 | E-MAIL asussman@gsiws.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 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-3507 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)

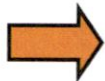
(Check one box)

- 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.

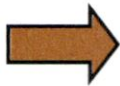
Check the appropriate box, if applicable:

- 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 Marion County Planning and Zoning | ADDRESS 5155 Silverton Rd NE | |
| CITY Salem | STATE OR | ZIP 97305 |

| | | |
|---|--------------------------------|---------------------|
| ENTITY NAME Polk County Planning Division | ADDRESS 850 Main St. | |
| CITY Dallas | STATE OR | ZIP 97338 |

| | | |
|---|--|---------------------|
| ENTITY NAME City of Salem Planning Department | ADDRESS 555 Liberty St. RM 305 | |
| CITY Salem | STATE OR | ZIP 97301 |

| | | |
|--|---|---------------------|
| ENTITY NAME City of Turner Planning & Building | ADDRESS 5255 Chicago St. SE, PO Box 456 | |
| CITY Turner | STATE OR | ZIP 97392 |

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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 #9 | <input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed | LINN 2678 | 9 | S | 1 | W | 13 | NW | NW | 400 | 800 feet South and 450 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 of 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-3510 (Certificate # GR-3230)

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 | | | | |
| EXAMPLE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 #9 Collector Wells 1, 2 and 3 | 1939 | | | |
| TOTAL ACRES | | | | | | | | | | | TOTAL ACRES | | | | | | | | | | | | | | | |

Additional remarks: **The City is proposing to add three points of appropriation to GR-3510, and change the place of use to the "City of Salem service area."**

GR-3510 -

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Groundwater Registration # GR-3510 (Certificate # GR-3230)

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-3510 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.

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/) **The well logs for LINN 2678 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.

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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 | Construction information for Collector Well 1 is provided in Attachment E | | | | | | | | | |
| 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 - 3510

Application for Groundwater Registration Modification – City of Salem

13315 -

Registration Statement

OF CLAIMANT OF RIGHT TO APPROPRIATE GROUND WATER

TO THE STATE ENGINEER OF OREGON:

I, CITY WATER DEPARTMENT

of SALEM County of CLATSOP
(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: STAYTON ISLAND, APPROX. 2 MI. E. OF STAYTON
(Approximate distance and direction from nearest city or town)

and is more particularly described as follows: WELL #9

(a) 800' S. & 450' E. OF NW COR. Sec. 13
(Give distance and bearing to corner of section or other legal subdivision)

being within NW 1/4 NW 1/4 of Sec. 13, Twp. 09, Rge. 1W
(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 LINN
(If within city or town, give name)

3. Construction Work was begun on UNRECORDED, was completed on MAY, 1939
(Date) (Date)

and the ground water claimed was first used for the purposes set out below on 1939
(Date)

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

from 1939 to PRESENT
(Date) (Date)

4. Quantity of water claimed and used is 1775 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 60 feet. Type DRILED
(Dug or drilled)

diameter 16 I.D. inches. Elevation of ground at well site 466 feet, mean sea level.
(As near as known)

Depth to water table 12 feet.

7. Capacity of Well: 1775 g.p.m. with Unknown 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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Log of well is not available, give name and address of driller.

R. J. STRASSER DRILLING CO.

11. Infiltration Trench: Covered or open

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

Bottom width ft. Discharge g.p.m. Date of test

12. Tunnel: Type of lining

Dimensions: (Length, course, and cross sectional size)

Position of water bearing stratum with reference to portal of tunnel

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

13. Pumping Equipment:

(a) Pump STERLING VERTICAL TURBINE 12" Capacity 1000 g.p.m. (Make, type and size)

(b) Motor U.S. MOTOR, SCV, 15 H.P. (Type and horsepower)

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

| Township North of South | Range E. or W. of Willamette Meridian | Section | Forty-acre Tract | Number Acres To Be Irrigated | Date of Reclamation |
|---|---------------------------------------|---------|------------------|------------------------------|---------------------|
| WELL USED FOR STAND-BY SERVICE FOR CITY OF SALEM WATER SUPPLY | | | | | |
| City of Salem and adjacent service areas | | | | | |
| T7S | R3W | 22 | E 1/2 | Municipal | 1939 |
| " | " | 23 | W 1/2 | " | " |
| " | " | 24 | all | " | " |
| " | " | 27 | all | " | " |
| " | " | 28 | all | " | " |
| " | " | 34 | N 1/2 | " | " |
| " | " | 35 | N 1/2 | " | " |

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15. 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.

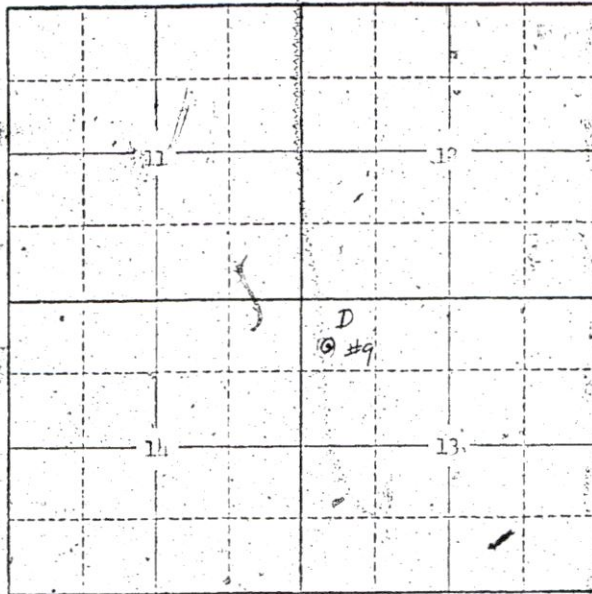
Cert. No 12033, Application No 25560, State Engineer Special Order, Records Vol 7, P 234.

Permit No 0731, and eight registration statements accompany this one.

3230

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Township 05 Range 17 W.M.
North.



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

STATE OF OREGON

County of MARION ss.

I, JOHN L. GEREN, 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. Geren, Regr.
(Signature of Registrant)

Subscribed and sworn to before me this 30 day of July, 1952.

My commission expires August 1961

(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 31st day of July, 1952, at 2:55 o'clock P.M. and has been duly recorded in said office in Book No. 13 of Registration Statements on page GR 3230

Witness my hand this 20th day of July, 1952

John A. [Signature]
(State Engineer)

By _____

(Deputy)

\$ 26.00

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GR - 3230

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Attachment B

Application Maps

Application for Groundwater Registration Modification – City of Salem

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Zach Pike-Urlacher

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

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>
Sent: Monday, August 19, 2019 3:35 PM
To: STARNES Patrick K * WRD <Patrick.K.Starnes@oregon.gov>
Cc: Trevor Grandy <tgrandy@gsiws.com>
Subject: Request for map scale waiver for the City of Salem

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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

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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.

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- (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]

(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]

- (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;

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Well #9 – LINN 2678 Infiltration
Collector Well 1 – LINN 2676

Attachment D
Well Logs

Application for Groundwater Registration Modification – City of Salem

13315 -

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

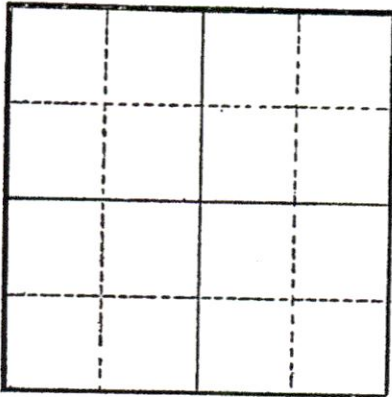
Well Record

*Winn
2676*

STATE ENGINEER
 Salem, Oregon

OWNER: City Water Department
 MAILING ADDRESS: Box 190
 CITY AND STATE: Salem, Oregon

LOCATION OF WELL: Infiltration Gallery #1
 NE 1/4 NW 1/4 Sec. 13 T. 9 S. R. 1 W. W.M.
 Bearing and distance from section or subdivision
 corner 1060' S. and 1375' E.



Altitude at well
 TYPE OF WELL: Date Constructed 1937
 Depth drilled
 Depth cased

CASING RECORD:

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FINISH:

AQUIFERS:

WATER LEVEL:

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

WELL TESTS:

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

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

DRILLER or DIGGER
 ADDITIONAL DATA:

Log Water Level Measurements
 Chemical Analysis
 Aquifer Test

REMARKS:

STATE ENGINEER
Salem, Oregon

LN 2678

Well Record

STATE WELL NO. 9/1W-13D
COUNTY Ilnn
APPLICATION NO. GR-3510 -

OWNER: City Water Department
ADDRESS: Salem
MAILING ADDRESS: Oregon
LOCATION OF WELL: Owner's No. 9
NW 1/4 NW 1/4 Sec. 13 T. 9 S. R. 1 W. W.M.
Bearing and distance from section or subdivision
corner 800' S. and 150' E.

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CASING RECORD:
Depth drilled 60' Depth cased 60'
TYPE OF WELL: drilled. Date Constructed 1939

FINISH:
perforated with star perforator at water bearing stratas

AQUIFERS:
gravel, sand
WATER LEVEL:
12'

PUMPING EQUIPMENT: Type Sterling Vertical Turbine 12" HP. 15
Capacity 1775 G.P.M.

WELL TESTS:
Drawdown ft. after hours pumping 1775 G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Municipal Water Supply
SOURCE OF INFORMATION GR-3230
DRILLER or DIGGER R. J. Strasser Drilling Co.
ADDITIONAL DATA:
Log X Water Level Measurements
Chemical Analysis
Aquifer Test

REMARKS:
Loose gravel and sand
tight cemented gravel
loose gravel - water bearing
cemented gravel
loose gravel - water bearing
fairly loose dirty gravel
cemented gravel and boulders

| | |
|----|----|
| 6 | 9 |
| 16 | 10 |
| 19 | 3 |
| 26 | 7 |
| 28 | 2 |
| 35 | 7 |
| 60 | 25 |

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



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-3507 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-3507 which allows for the appropriation of 1550 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-3507 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-3507
Check in the amount of \$1,250

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