



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)

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- 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).
- Groundwater registration modification fees – Amount enclosed: \$ 1,450. (\$875.00 for a place of use change only; \$1,450 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 <http://www.oregon.gov/owrd/pubs/docs/forms/assign.pdf>, or [http://www.oregon.gov/owrd/pubs/docs/forms/assign\\_by\\_proof.pdf](http://www.oregon.gov/owrd/pubs/docs/forms/assign_by_proof.pdf). 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 Land Use Information Form with approval and signature (or signed land use form receipt stub). Land use form not required if any of the following apply:
  - Water is to be diverted, conveyed, and/or used only on federal lands.
  - All of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone.
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.

(For Staff Use Only)

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

___ Application fee not enclosed/insufficient	___ Map not included or incomplete
___ Land Use Form not enclosed or incomplete	___ Assignment Form and fee not enclosed/insufficient
___ Additional signature(s) required	___ 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 Beaverton</b>		PHONE NO. <b>503-526-2592</b>	ADDITIONAL CONTACT NO. -
ADDRESS <b>4755 SW Griffith Dr.</b>			FAX NO. -
CITY <b>Beaverton</b>	STATE <b>OR</b>	ZIP <b>97005</b>	E-MAIL <b>bbarnett@ci.beaverton.or.us</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, Inc.</b>		PHONE NO. <b>503-239-8799</b>	ADDITIONAL CONTACT NO. -
ADDRESS <b>55 SW Yamhill St. Suite 400</b>			FAX NO. <b>503-239-8940</b>
CITY <b>Portland</b>	STATE <b>OR</b>	ZIP <b>97204</b>	E-MAIL <b>jmelady@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:

**This application proposes to add five additional points of appropriation (APOAs) to the City of Beaverton's GR-343. The five APOAs will utilize the existing place of use (POU) authorized by GR-343 and T-10990.**

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: \_\_\_\_\_

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



David Winship  
Applicant Signature

**David Winship**  
Print Name (and Title if applicable)

8/16/18  
Date

\_\_\_\_\_  
Applicant Signature

\_\_\_\_\_  
Print Name (and Title if applicable)

\_\_\_\_\_  
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.*

**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.

ENTITY NAME <b>City of Beaverton (applicant)</b>	ADDRESS <b>4755 SW Griffith Dr.</b>	
CITY <b>Beaverton</b>	STATE <b>OR</b>	ZIP <b>97005</b>

ENTITY NAME <b>Washington County</b>	ADDRESS <b>155 North First Ave. Suite 350</b>	
CITY <b>Hillsboro</b>	STATE <b>OR</b>	ZIP <b>97124</b>

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## Part 4 of 4 – Groundwater Registration Information

### CERTIFICATE OF REGISTRATION # GR-328 (REGISTRATION # GR-343)

**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	Measured Distances (from a recognized survey corner)
Well 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	WASH 8791	1	S	1	W	11	NE	SW	5100	220 ft S and 2,550 ft E from the W quarter corner of S11
Well 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	WASH 8988	1	S	1	W	21	SE	SW	0200	460 ft N and 2,550 ft E from the SW corner of S21
ASR 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	WASH 55918	1	S	1	W	21	SE	SW	2200	235 ft N and 2,430 ft E from the SW corner of S21
ASR 3	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	WASH 57952	2	S	1	W	5	SW	NW	5900	1,180 ft N and 185 ft E from the W quarter corner of S5
ASR 4	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	WASH 61319	1	S	1	W	21	SW	SE	1390 0	480 ft N and 2,445 ft W from the SE corner of S21
ASR 5	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	Never Constructed	1	S	1	W	28	SW	NW	200	1,435 ft S and 335 ft E from the NW corner of S28
ASR 6	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	WASH 8961, WASH 8845, WASH 8957	1	S	1	W	20	SW	NW	6700	1,360 ft S and 925 ft E from the NW corner of S20
ASR 7	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	WASH 70562	1	S	1	W	30	NW	SW	2400	1,750 ft N and 635 ft E from the SW corner of S30
ASR 3-IW1	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA; not constructed	2	S	1	W	5	NW	NW	6500	1,525 feet S and 75 feet E from the NW corner of S5
ASR 3-IW2	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA; not constructed	2	S	1	W	5	NW	NW	6500	1,550 feet S and 55 feet E from the NW corner of S5
ASR 3-IW3	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA; not constructed	2	S	1	W	5	NW	NW	6500	1,570 feet S and 50 feet E from the NW corner of S5
ASR 5H	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA; log being processed by OWRD	1	S	1	W	21	SE	SW	0200	540 feet N and 2,495 feet E from the SW corner of S21
ASR 6K	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	WASH 74133	1	S	1	W	30	NE	SE	6700	1,520 feet N and 125 feet W from the SE corner of S30

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

- |   |  |
|---|--|
| <input 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) |

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**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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**Table 2. Description of Modifications to Registration GR-343 (Certificate # GR-328)**

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.

Additional remarks: **No change of place of use proposed in this application. SEE ATTACHMENT 2 (AUTHORIZED POAs and POU)**

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	Acres	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	Acres	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
TOTAL ACRES												TOTAL ACRES														

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**Groundwater Registration # GR-343 (Certificate # GR-328)**

**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

**NA; no change of POU is proposed in this GR Modification.**

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. **SEE ATTACHMENT 3 (WELL LOGS)**

**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
Well 1	Yes	-	825	10” 8”	0-215.4 215.4-609.9	-	-	180	Basalt	1,350 gpm
Well 2	Yes	-	800	16” 15” 12”	0-63 63-450 450-800	-	-	170	Basalt	1,350 gpm
ASR 2	Yes	L-33784	484	16” 14”	+4-88 +1-483	0-88	190-220 350-385 405-460	200	Basalt	1,350 gpm



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
ASR 3	Yes	L-51450	1000	8"	+2-147	0-147	-	169	Basalt	1,350 gpm
ASR 4	Yes	L-58870	482	20"	+1-88	0-88	170-180 335-350 405-445	120	Basalt	1,350 gpm
ASR 5	No	Not Constructed	-	-	-	-	-	-	-	1,350 gpm
ASR 6	Yes	-	410	-	-	-	-	312	Basalt	1,350 gpm
ASR 7	Yes	L-108226	1,021	20"	+3-23	-	-	560	Basalt	1,350 gpm
ASR 3-IW1	No	Not Constructed	1,000	16"	0-190	0-190	190-600	180	Basalt	1,350 gpm
ASR 3-IW2	No	Not Constructed	1,000	16"	0-190	0-190	190-600	180	Basalt	1,350 gpm
ASR 3-IW3	No	Not Constructed	1,000	16"	0-190	0-190	190-600	180	Basalt	1,350 gpm
ASR 5H	Yes	L-112728	942	20" 16"	+3-480 471.4-942	0-330	600-800 480-846	185	Basalt	1,350 gpm
ASR 6K	Yes	L-118526	1,078	30" 24"	+3-56 +3-361	0-34 34-56	363-649 714-1,076	340	Basalt	1,350 gpm

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**ATTACHMENT 1**  
**Groundwater Registration Statement for**  
**GR-343**

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DEC 28 1956  
STATE ENGINEER  
SALEM OREGON

Registration Statement

REGISTRATION NO. GR-343  
CERTIFICATE NO. GR-328

OF CLAIMANT OF RIGHT TO APPROPRIATE GROUND WATER

(Under Chapter 708, Oregon Laws 1955.)

WELL #1

TO THE STATE ENGINEER OF OREGON:

I, ROBERT O. MALSEY  
of CITY OF BEAVERTON County of WASHINGTON  
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 #1  
(Flowing well, pump well, infiltration trench, or tunnel)
- 2. Location is: 1.5 MILE NORTHEAST OF BEAVERTON  
(Approximate distance and direction from nearest city or town)

and is more particularly described as follows:

(a) 2550 feet east and 220 feet south from West 1/4 corner of section 11  
See enclosed description  
(Give distance and bearing to corner of section or other legal subdivision)

being within NE 1/4 of SW 1/4 of Sec. 11 Twp. 15 Rge. 1W  
(Smallest legal subdivision) (or sec.) (or T.)

or (b) within limits of recorded platted property, town or city:  
in Lot \_\_\_\_\_ Block \_\_\_\_\_ of \_\_\_\_\_  
(Name of plat or addition)  
County of \_\_\_\_\_  
(If within city or town, give name)

3. Construction Work was begun on 1932, was completed on 1932  
(Date) (Date)  
and the ground water claimed was first used for the purposes set out below on 1933  
(Date)  
since which time the water has been used intermittently  
(Continuously or Intermittently)  
from 1933 to PRESENT  
(Date) (Date)

4. Quantity of water claimed and used is 400 gallons per minute; \_\_\_\_\_ acre  
feet per year.

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

6. Description of Well: Depth 225 feet. Type DRILLED  
(Dig or drilled)  
diameter 10 inches. Elevation of ground at well site 360 feet, mean sea level.  
(As near as known)  
Depth to water table 180 feet.

7. Capacity of Well: UNKNOWN g.p.m. with 40 feet drawdown.  
\_\_\_\_\_ g.p.m. with \_\_\_\_\_ feet drawdown.  
Date of test 1937

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 \_\_\_\_\_  
(Clos. valve, etc.)

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If log of well is not available, give name and address of driller.

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 PANOMA DEEP WELL TURBINE Capacity 500 ± g.p.m.  
(Make, type and size)

(b) Motor GEN. ELECTRIC 40 HP  
(Type and horsepower)

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

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated	Date of Reclamation
<u>COMPOSITE AND FRINGE AREA - BEAVERTON OREGON</u>					
<u>RADIUS - APPROXIMATELY 2 MILES FROM CITY CENTER</u>					
<u>PORTIONS OF SECTIONS 14, 15, 16, 21 AND 22 T. 15. R. 10. W. 11.</u>					

OREGON INVESTMENT & MORTGAGE COMPANY TO TOWN OF BEAVERTON

KNOW ALL MEN BY THESE PRESENTS, That Oregon Investment & Mortgage Company, a corporation duly organized and incorporated under the laws of the State of Oregon, in consideration of ten no/100 (100.00) Dollars, to it paid by the Town of Beaverton Washington County, Oregon, does hereby grant, bargain, sell and convey to said Town of Beaverton its assigns forever, the following described parcel of real estate, situate, lying and being in the County of Washington and State of Oregon to-wit: Commencing at a point forty (40) chains north of the quarter section corner between sections eleven (11) and fourteen (14), township one (1) south, range one (1), E. of W. M.; thence west one hundred and twenty-five (125) feet; thence south two hundred and twenty-five (225) feet; thence east one hundred and twenty-five (125) feet to the quarter section line of section eleven (11); thence north two hundred and twenty-five (225) feet to the place of beginning, being a tract of land 125 x 225 feet in size, at the northeast corner of land described in deed recorded in Book 116, page 66 of the Deed Records of Washington County, Oregon.


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.

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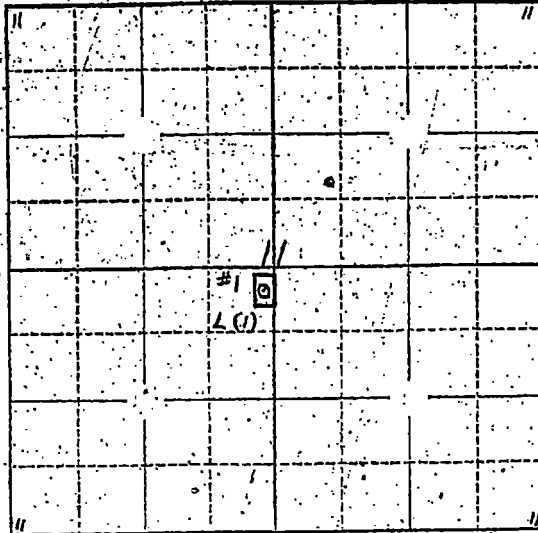
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GR-328B

SECTION 11

Township 15 Range 1-11 W.M.  
North.



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

STATE OF OREGON

County of \_\_\_\_\_ } ss.

I, \_\_\_\_\_ 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.

\_\_\_\_\_  
(Signature of Registrant)

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

My commission expires \_\_\_\_\_  
(Notary Public)

(SEAL)

See Page GR-328 G  
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 \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, and has been duly recorded in said office in Book No. \_\_\_\_\_ of Registration Statements on page \_\_\_\_\_.

Construction shall be completed by \_\_\_\_\_, 19\_\_\_\_, and the water completely applied to beneficial use by \_\_\_\_\_, 19\_\_\_\_.

Witness my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
(State Engineer)

By \_\_\_\_\_  
(Deputy)

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DEC 28 1956  
STATE ENGINEER  
SALEM, OREGON

REGISTRATION NO. GR-343  
CERTIFICATE NO. GR-328

### Registration Statement

#### OF CLAIMANT OF RIGHT TO APPROPRIATE GROUND WATER

(Under Chapter 702, Oregon Laws 1955.)

WELL #2

TO THE STATE ENGINEER OF OREGON:

I, ROBERT O. MALSEY  
of CITY OF BEAVERTON, County of WASHINGTON

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 #2  
(Flowing well, pump well, infiltration trench, or tunnel)
- 2. Location is: 1.5 MILES SOUTHWEST OF BEAVERTON  
(Approximate distance and direction from nearest city or town)

and is more particularly described as follows:

(a) 2500 feet east and 40 feet north from the SW corner of section 21.  
SEE ENCLOSED DESCRIPTION.  
(Give distance and bearing to corner of section or other legal subdivision)

being within SE 1/4 of SW 1/4 of Sec. 21, Twp. 1S, Rge. 1W  
(Smallest legal subdivision) (T or S) (R or W)

or (b) within limits of recorded platted property, town or city:  
in Lot \_\_\_\_\_ Block \_\_\_\_\_ of \_\_\_\_\_  
(Name of plat or addition)

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

3. Construction Work was begun on 1945; was completed on 1945  
(Date) (Date)  
and the ground water claimed was first used for the purposes set out below on 1946  
(Date)

since which time the water has been used intermittently  
(Continuously or intermittently)  
from 1946 to PRESENT  
(Date) (Date)

4. Quantity of water claimed and used is 950 gallons per minute; \_\_\_\_\_ acre feet per year.

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

6. Description of Well: Depth 800 feet. Type DRILLED  
(Dug or drilled)  
diameter 16 inches. Elevation of ground at well site 350 ± feet, mean sea level.  
(As near as known)  
Depth to water table 170 feet.

7. Capacity of Well: UNKNOWN g.p.m. with 80 ± feet drawdown.  
\_\_\_\_\_ g.p.m. with \_\_\_\_\_ feet drawdown.  
Date of test DEC. 1945

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.)

GR-328 D

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If log of well is not available, give name and address of driller.

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 FAIRBANKS - MORSE - PANAMA TURBINE Capacity 950 g.p.m.  
(Make, type and size)

(b) Motor FAIRBANKS - MORSE 60 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 or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated	Date of Reclamation
<u>CORPORATE AND FRINGE AREA - BEAVERTON, OREGON</u>					
<u>RADIUS SERVED - APPROXIMATELY 2 MILES FROM CITY CENTER</u>					
<u>PORTIONS OF SECTIONS 14, 15, 16, 21 AND 22 T1S R1W U.M.</u>					

Hargis which is described on Page 461, Volume 226, Deed Records of Washington County, Oregon, said point being 552.0 feet North of the 1/4 corner on the South line of Section 21, T1S, R1W of the Willamette Meridian and 5 feet North of the Northwest corner of a tract of land now owned by Guy O. Woodworth, which is described on Page 399, Volume 239, Deed Records of Washington County, Oregon; thence Westery parallel to the South line of said Section 21, a distance of 200 feet to a point; thence Southerly parallel to the East line of the said Hargis tract a distance of 305 feet to a point; thence Easterly parallel to the South line of said Section 21, a distance of 200 feet to a point on the East line of said Hargis tract, said point being 247.8 feet North of the 1/4 corner, on the South line of said Section 21; thence Northerly along the East line of the said Hargis tract a distance of 305 feet to the place of beginning, 1.5 acres, more or less.

ALSO

Beginning at a point on the East line of a tract of land conveyed to William I. Hargis, et ux, by deed recorded in Book 226, page 461, Deed Records of Washington County, Oregon, 247.8 feet North of the quarter section corner on the South line of Section 21, in Township 1 South Range 1 West of the Willamette Meridian, in Washington County, Oregon; thence westerly 200 feet to the point of beginning, said point being the southmost corner of land now owned by the City of Beaverton; thence westward 25 feet, along an extension of the South boundary of property owned by City of Beaverton; thence northerly and parallel to the West boundary of City of Beaverton's property a distance of 275 feet; thence westerly and parallel with the South boundary of Section 21; a distance of 117 feet; thence northerly and parallel with the East boundary line of above described Hargis tract, a distance of 30 feet; thence easterly 142 feet to the Northwest corner of City of Beaverton's Tract; thence southerly to the place of beginning, reserving an easement and right of way in common with others over the North 30 feet of the above described property, being a strip 30 x 142 feet, and is to be used for roadway purposes only.

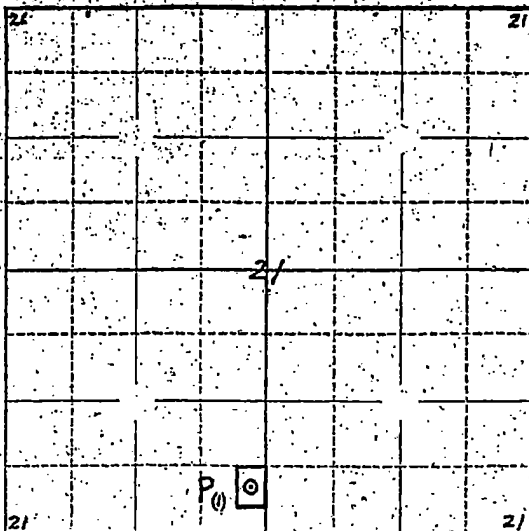
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SECTION 21

Township 1-S Range 1-W, W.M. North



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

STATE OF OREGON

County of Washington } ss.

I, Robert O. Maloney, City Superintendent, 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.

Robert O. Maloney  
(Signature of Registrar)

Subscribed and sworn to before me this 6 day of February, 1957.

My commission expires June 20 1960 Oliver B. Martin  
(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 21st day of January, 1957, at 8:00 o'clock A. M. and has been duly recorded in said office in Book No. 2 of Registration Statements on page GR-328 G.

~~Construction shall be completed by x-x-x-x-x-x-x-x-x-x-1957 and the water completely applied to beneficial use by x-x-x-x-x-x-x-x-x-x-1957~~

Witness my hand this 1st day of April, 1957.

Lewis A. Stanley  
(State Engineer)

By \_\_\_\_\_ (Deputy) GR-328 G

\$ 26.00

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**ATTACHMENT 2**  
**Authorized and Proposed Points of**  
**Appropriation Map**

---

**From:** JARAMILLO Lisa J \* WRD  
**To:** [Ryan Dougherty](#)  
**Cc:** [SMITH Joan M \\* WRD](#); [HEARD Arla L \\* WRD](#); [STARNES Patrick K \\* WRD](#)  
**Subject:** RE: City of Beaverton - GR-343 Map Scale Waiver Request  
**Date:** Friday, June 29, 2018 1:46:53 PM  
**Attachments:** [image004.jpg](#)  
[image003.jpg](#)

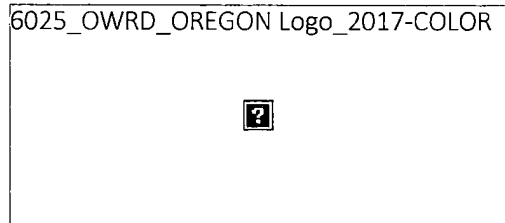
---

Good afternoon Ryan,

Your request for a map waiver for a groundwater registration modification application (City of Beaverton GR-343 to add three APOAs) is hereby approved per OAR 690-380-3100(1)(e)(E).

Thank you,  
-Lisa

**LISA J. JARAMILLO** | TRANSFER & CONSERVATION SECTION MANAGER  
725 Summer Street NE, Suite A Salem, OR 97301 | Phone 503-986-0880



---

**From:** SMITH Joan M \* WRD  
**Sent:** Thursday, June 28, 2018 10:55 AM  
**To:** JARAMILLO Lisa J \* WRD  
**Subject:** FW: City of Beaverton - GR-343 Map Scale Waiver Request

Could you provide Ryan with a waiver for the attached map? City of Beaverton. Let me know. Thanks J

Joan Smith  
Oregon Dept. of Water Resources  
503-986-0892

---

**From:** Ryan Dougherty [<mailto:rdougherty@gsiws.com>]  
**Sent:** Thursday, June 28, 2018 10:52 AM  
**To:** SMITH Joan M \* WRD  
**Cc:** HEARD Arla L \* WRD  
**Subject:** FW: City of Beaverton - GR-343 Map Scale Waiver Request

Hey Joan/Arla,

I had sent the following email to Kelly but I see he is out of the office. Could one of you please address this if you have time? If not, we can just wait until he is back. Thanks.

-Ryan

---

**From:** Ryan Dougherty

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**Sent:** Thursday, June 28, 2018 10:49 AM

**To:** 'patrick.k.starnes@oregon.gov' <patrick.k.starnes@oregon.gov>

**Subject:** City of Beaverton - GR-343 Map Scale Waiver Request

Hey Kelly,

The City of Beaverton is currently in the process of completing a groundwater registration modification application for its GR-343 to add three APOAs. For the groundwater registration modification previously completed in 2009 for GR-343, a map scale waiver was granted for the application map. I would now like to again request a map scale waiver for the application map (new application map attached). We are requesting a larger scale so that we can include the service area boundaries of the City. Please let me know if there is anything further you need from me., and thanks for the help

Thanks,

-Ryan



**Ryan Dougherty**

**Staff Hydrogeologist**

direct: 971.200.8537 | mobile: 775.229.5667

55 SW Yamhill Street, Suite 300, Portland, OR 97204

**GSI Water Solutions, Inc.** | [www.gsiws.com](http://www.gsiws.com)

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ATTACHMENT 3

**Well Logs**

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STATE ENGINEER  
Salem, Oregon

WASH OBSERVATION WELL  
Well Record

STATE WELL NO. 116-11.6.0.  
COUNTY Washington  
APPLICATION NO. GR-343

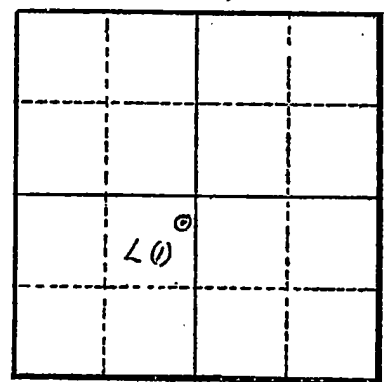
008791

OWNER: City of Beaverton - by R.D. Malsey MAILING ADDRESS: City Hall

LOCATION OF WELL: Owner's No. #1 CITY AND STATE: Beaverton, Oregon

NE 1/4 SW 1/4 Sec. 11 T. 1 S., R. 1 W., W.M.

Bearing and distance from section or subdivision corner 2550 feet east and 220 feet south from W 1/4 corner of section 11.



Section 11

Altitude at well 360 feet Interpolated

TYPE OF WELL: Drilled Date Constructed 1932

Depth drilled 825 Depth cased 609.9

CASING RECORD:

10 inch casing set from 0 to 215.4 feet.  
8 inch " " " 215.4 to 609.9 feet.

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FINISH:

unknown

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AQUIFERS:

rock - 650 to 735 feet ?

WATER LEVEL:

180 feet below land surface. 1932

PUMPING EQUIPMENT: Type Pamona Deep Well Turbine H.P. 40  
Capacity 500 G.P.M.

WELL TESTS:

Drawdown 40 ft. after \_\_\_\_\_ hours pumping? G.P.M.  
Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hours \_\_\_\_\_ G.P.M.

USE OF WATER Beaverton Municipal 4000 Temp. \_\_\_\_\_ °F. \_\_\_\_\_, 19\_\_\_\_

SOURCE OF INFORMATION Reg. Statement GR-343

DRILLER or DIGGER \_\_\_\_\_

ADDITIONAL DATA:  
Log yes Water Level Measurements \_\_\_\_\_ Chemical Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_\_

REMARKS:





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WASH

1/1w-17

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

1960 WATER WELL REPORT 008845

State Well No. State Permit No.

(1) OWNER:

Name C. J. Demboch
Address 15820 S.W. Davis
Beaverton, Ore

(2) LOCATION OF WELL:

County Wash Owner's number, if any-
1/4 Section 17 T. 1. S. R. 1 West W.M.
Bearing and distance from section or subdivision corner Well is located on D.L.C. No 50 in sec. 17 T. 1 S. R. 1 W. Washington County - 600 ft south of 1/4 line at entrance of Davis Rd. and 700 West of east line 2 1/2 mi south west of Beaverton, Ore Washington Co. 15820 S.W. Davis

(3) TYPE OF WORK (check):

New Well [ ] Deepening [x] Reconditioning [ ] Abandon [ ]
Abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

(5) TYPE OF WELL:

Rotary [ ] Driven [ ]
Cable [ ] Jetted [ ]
Dug [ ] Bored [ ]

(6) CASING INSTALLED:

Threaded [ ] Welded [ ]
Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated? [ ] Yes [ ] No
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.

(8) SCREENS:

Well screen installed [ ] Yes [ ] No
Manufacturer's Name
Type Model No.
Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Was well gravel packed? [ ] Yes [ ] No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? [ ] Yes [ ] No To what depth? ft.
Material used in seal-
Did any strata contain unusable water? [ ] Yes [ ] No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:

Static level 280 ft. below land surface Date 8/6/60
Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] C. J. Demboch Sept 10, 1960 (Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? [ ] Yes [ ] No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
Ballor test 9 gal./min. with 0 ft. drawdown after 2 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? [ ] Yes [x] No

(12) WELL LOG:

Diameter of well Six inches.
Depth drilled 320 ft. Depth of completed well 320 ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

Table with columns MATERIAL, FROM, TO. Entries include Original depth - 273, Rock formation, Rock - medium hard, Rock - medium heavy, Sandstone - porous, Rock - hard, Rock - heavy, hardness of maintaining water flow.

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Work started 7/20 1960 Completed 8/6 1960

(13) PUMP:

Manufacturer's Name Fairbanks Morse
Type: Left - cylinder H.P. 1

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Jack Bowen (Person, firm, or corporation) (Type or print)

Address 16425 S.W. Hart

Driller's well number 57

[Signed] Jack Bowen (Well Driller)

License No 59 Date 8/6 1960

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

RECEIVED WATER WELL REPORT WASH NOV 20 1970 STATE OF OREGON (Please type or print) 008957 STATE ENGINEER SALEM, OREGON

State Well No. 171W-206C State Permit No.

(1) OWNER:

Name C. J. Dernbach Address 15820 SW Davis Rd. Beaverton, Oregon 97005

(2) TYPE OF WORK (check):

New Well [ ] Deepening [X] Reconditioning [ ] Abandon [ ] If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [ ] Driven [ ] Cable [X] Jetted [ ] Dug [X] Bored [ ]

(4) PROPOSED USE (check):

Domestic [X] Industrial [ ] Municipal [ ] Irrigation [ ] Test Well [ ] Other [ ]

CASING INSTALLED:

None " Diam. from ... ft. to ... ft. Gage ... " Diam. from ... ft. to ... ft. Gage ... " Diam. from ... ft. to ... ft. Gage ...

(6) PERFORATIONS:

Perforated? [ ] Yes [X] No. Type of perforator used Size of perforations in. by in. perforations from ... ft. to ... ft. ...

(7) SCREENS:

Well screen installed? [ ] Yes [X] No Manufacturer's Name Type Model No. Diam. Slot size Set from ... ft. to ... ft. ...

(8) WATER LEVEL: Completed well.

Static level 312 ft. below land surface Date 10/18/70 Man pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [ ] Yes [ ] No If yes, by whom? Yield: gal./min. with ft. drawdown after hrs. Baller test 11 gal./min. with 0 ft. drawdown after 1 hrs. Artesian flow g.p.m. Date Temperature of water 53 Was a chemical analysis made? [ ] Yes [X] No

(10) CONSTRUCTION:

Well seal—Material used Depth of seal Diameter of well bore to bottom of seal Were any loose strata cemented off? [ ] Yes [ ] No Depth Was a drive shoe used? [ ] Yes [ ] No Did any strata contain unusable water? [ ] Yes [X] No Type of water? depth of strata Method of sealing strata off Was well gravel packed? [ ] Yes [X] No Size of gravel: Gravel placed from ... ft. to ... ft.

(11) LOCATION OF WELL:

County Washington Driller's well number 161 SW 1/4 NW 1/4 Section 20 T. 15, R. 1, W. W.M. Bearing and distance from section or subdivision corner 1820' South and 480' East of North West Corner of Sec. 20

(12) WELL LOG:

Diameter of well below casing 6" Depth drilled 410 ft. Depth of completed well 410 ft. Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

Table with columns: MATERIAL, From, To, SWL. Entries include: Deepening - of original Well IN rock from 320' to 410' original static level 312', Rock - brown (320-340), Rock - gray (340-385), Rock - soft (385-410).

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Work started 10/6 1970 Completed 10/20 1970 Date well drilling machine moved off of well 10/21 1970

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Jack Barron (Drilling Machine Operator) Date 11/9, 1970

Drilling Machine Operator's License No. 165

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Jack Barron (Person, firm or corporation) (Type or print)

Address 16425 SW Hart, Beaverton, Oregon

[Signed] Jack Barron (Water Well Contractor)

Contractor's License No. 59 Date 11/9, 1970

STATE ENGINEER  
Salem, Oregon

WASH  
008961

# Well Record

STATE WELL NO. 1/w - 20  
COUNTY WASH  
APPLICATION NO. \_\_\_\_\_

OWNER: C. J. Dernbach

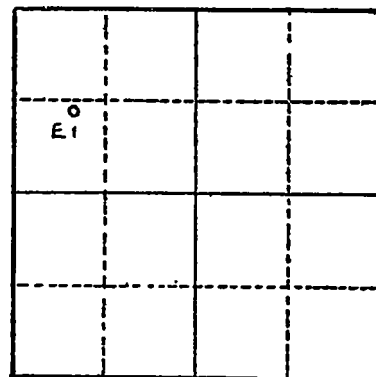
MAILING ADDRESS: 15820 S.W. Davis

LOCATION OF WELL: Owner's No. \_\_\_\_\_

CITY AND STATE: Beaverton Oregon

Sw 1/4 NW 1/4 Sec. 20 T. 1 N. S., R. 1 E. W., W.M.

Bearing and distance from section or subdivision corner \_\_\_\_\_



Section 20

Altitude at well \_\_\_\_\_

TYPE OF WELL: Drilled Date Constructed \_\_\_\_\_

Depth drilled 279 Depth cased \_\_\_\_\_

### CASING RECORD:

FINISH:

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AQUIFERS:

Basalt

OWRD

WATER LEVEL:

268 feet in 1953

PUMPING EQUIPMENT: Type Deep well Piston HP. \_\_\_\_\_  
Capacity \_\_\_\_\_ G.P.M.

WELL TESTS:

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

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

USE OF WATER Domestic Temp. \_\_\_\_\_ °F. \_\_\_\_\_, 19\_\_\_\_

SOURCE OF INFORMATION Obs. by Owner

DRILLER or DIGGER A.M. Jannsen

ADDITIONAL DATA:

Log \_\_\_\_\_ Water Level Measurements \_\_\_\_\_ Chemical Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_\_

REMARKS:

STATE ENGINEER  
Salem, Oregon

WASH Well Record

STATE WELL NO. 1114-21P0  
COUNTY Washington  
APPLICATION NO. GR-343

008988

OWNER: City of Beaverton

MAILING ADDRESS: City Hall

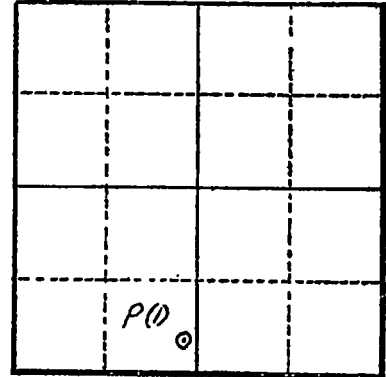
LOCATION OF WELL: Owner's No. #2

CITY AND STATE: Beaverton, Oregon

SE 1/4 SW 1/4 Sec. 21 T. 1 S., R. 1 W., W.M.

Bearing and distance from section or subdivision

corner 2500 feet east and 460 feet north  
from the SW corner of section 21,



Section 21

Altitude at well 350 feet Interpolated

TYPE OF WELL: Drilled Date Constructed 1945

Depth drilled 800 Depth cased 800

CASING RECORD:

- 16 — inch casing set from 0 to 63 feet.
- 15 — " " " " 63 to 450 feet.
- 12 — " " " " 450 to 800 feet.

FINISH:

none ?

AQUIFERS:

rock from 90 to 800 feet

WATER LEVEL:

170 feet below land surface. Dec. 1945.

PUMPING EQUIPMENT: Type Fairbanks-Morse Turbine H.P. 60  
Capacity 950 G.P.M.

WELL TESTS:

Drawdown 80 ft. after \_\_\_\_\_ hours pumping? G.P.M.  
Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hours \_\_\_\_\_ G.P.M.

USE OF WATER Municipal 950 gpm <sup>2 hrs.</sup> Temp. \_\_\_\_\_ °F. \_\_\_\_\_, 19\_\_\_\_

SOURCE OF INFORMATION Reg. Statement GR-343

DRILLER or DIGGER \_\_\_\_\_

ADDITIONAL DATA:

Log yes <sup>±</sup> Water Level Measurements \_\_\_\_\_ Chemical Analysis X Aquifer Test \_\_\_\_\_

REMARKS:

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STATE OF OREGON  
WATER SUPPLY WELL REPORT  
(as required by ORS 537.765)

WATER RESOURCES DEPT  
SALEM, OREGON

WELL I.D. # L33784  
START CARD # 127584

OWNER

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number ASR #2  
Name City of Beaverton  
Address P.O. Box 4755  
City Beaverton State OR Zip 97076

(2) TYPE OF WORK  
 New Well  Deepening  Alteration (repair/recondition)  Abandonment

(3) DRILL METHOD:  
 Rotary Air  Rotary Mud  Cable  Auger  
 Other Reverse Circulation Rotary

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Livestock  Other ASR

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well 484 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
20	0	91	Cement	0	88	53 sks
15	91	485				

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	16	+4	88	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	14	+1	483	see (12)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

Perforations Method \_\_\_\_\_  
 Screens Type/shape wire Material 304 SS

From	To	Slot size	Number	Diameter	Wrap	Tele/pipe size	Casing	Liner
190	220	.250	cont	14		PS	<input type="checkbox"/>	<input type="checkbox"/>
350	385	.250	cont	14		PS	<input type="checkbox"/>	<input type="checkbox"/>
405	460	.250	cont	14		PS	<input type="checkbox"/>	<input type="checkbox"/>

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

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
see attached graphs			1 hr.

Temperature of water 55° F Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom \_\_\_\_\_  
Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
County Washington Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 1S N or S Range 1W E or W. WM.  
Section 21 SE 1/4 SW 1/4  
Tax Lot 200 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) 7770 SW 136th Ave.  
Beaverton, OR 97076

(10) STATIC WATER LEVEL:  
200 ft. below land surface. Date 4/13/00  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found 1st significant @ SWL

From	To	Estimated Flow Rate	SWL
SWL	479+/-	see (8)	see (10)
	best being 422-454		

(12) WELL LOG:  
Ground Elevation approx 350

Material	From	To	SWL
see attached log			
Liner assembly:			
14" mild steel .375 wall	+1	70	
14" 304 SS .188 wall	70	190	
14" screen	190	220	
14" 304 SS .188 wall	230	320	
14" mild steel .375 wall	320	350	
14" screen	350	385	
14" mild steel .375 wall	385	405	
14" screen	405	460	
14" mild steel .375	460	483	

Date started 12/15/99 Completed 4/13/00

(unbonded) Water Well Constructor Certification:  
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

Signed Shawn Wright WWC Number 1577  
Date 5/5/00

(bonded) Water Well Constructor Certification:  
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed Stephen Schmidt WWC Number 649  
Date 5/5/00

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WATER RESOURCES DEPT.  
SALEM, OREGON

**City of Beaverton ASR No. 2**

S.C. #127584 - Label #33784

by Schneider Drilling Co. - 2000

<b>From</b>	<b>To</b>	<b>Description</b>
0	3	Topsoil, fill
3	26	Clay, rusty brown, medium some silty
26	28	Sand/silt, greyish-green, cemented, hard, w/some clay, hard
28	53	Basalt, greenish-grey & some brown, weathered, medium-hard
53	59	Clay, brown & red, hard
59	70	Basalt, greyish-brown, weathered, medium-hard
70	74	Basalt, grey w/ slight brown tint-hard
74	77	Basalt, grey & redish brown, medium-hard, some vesicular
77	83	Basalt, redish-brown & grey, medium-hard, some vesicular
83	84	Basalt, grey w/red, hard
84	91	Basalt, grey, hard
91	103	Basalt, grey w/brown in fractures, hard
103	129	Basalt, greenish-grey w/brown in fractures, some vesicular, medium-hard
129	133	Basalt, dark grey w/rusty brown, fractured, medium
133	158	Basalt, dark grey & brown, some vesicular, medium
158	174	Basalt, grey and brown, medium, some Fractures
174	182	Basalt, grey & brown, w/clay, tan, medium & hard
182	194	Basalt, grey & brown, some rusty fractures
194	202	Basalt, grey & brown, some rusty fractures, some vesicular
202	243	Basalt, grey & brown, some fractures, medium
243	252	Basalt, greenish-grey & brown, some fractures, medium
252	262	Basalt, grey & brown, some fractures med.
262	266	Basalt, greenish-grey & brown, some fractures
266	270	Basalt, grey & brown, some fractures
270	276	Basalt, greenish-grey w/rusty brown, some fractures
276	351	Basalt, grey & brown fractured
351	355	Basalt, grey & brown w/some redish-brown, vesicular, medium-soft
355	357	Basalt, grey & brown, visicular, med-soft & some clay, grey
357	365	Basalt, grey & brown, vesicular, medium-soft
365	369	Basalt, grey & brown, some fractures, medium
369	374	Basalt, grey & brown, some vesicular, some fractures, medium
374	422	Basalt, grey & brown, some fractures
422	435	Basalt, grey & brown, vesicular, fractured
435	454	Basalt, reddish-brown & grey, vesicular, fractured
454	479	Basalt, grey & brown, some fractures
479	485	Basalt, grey & brown

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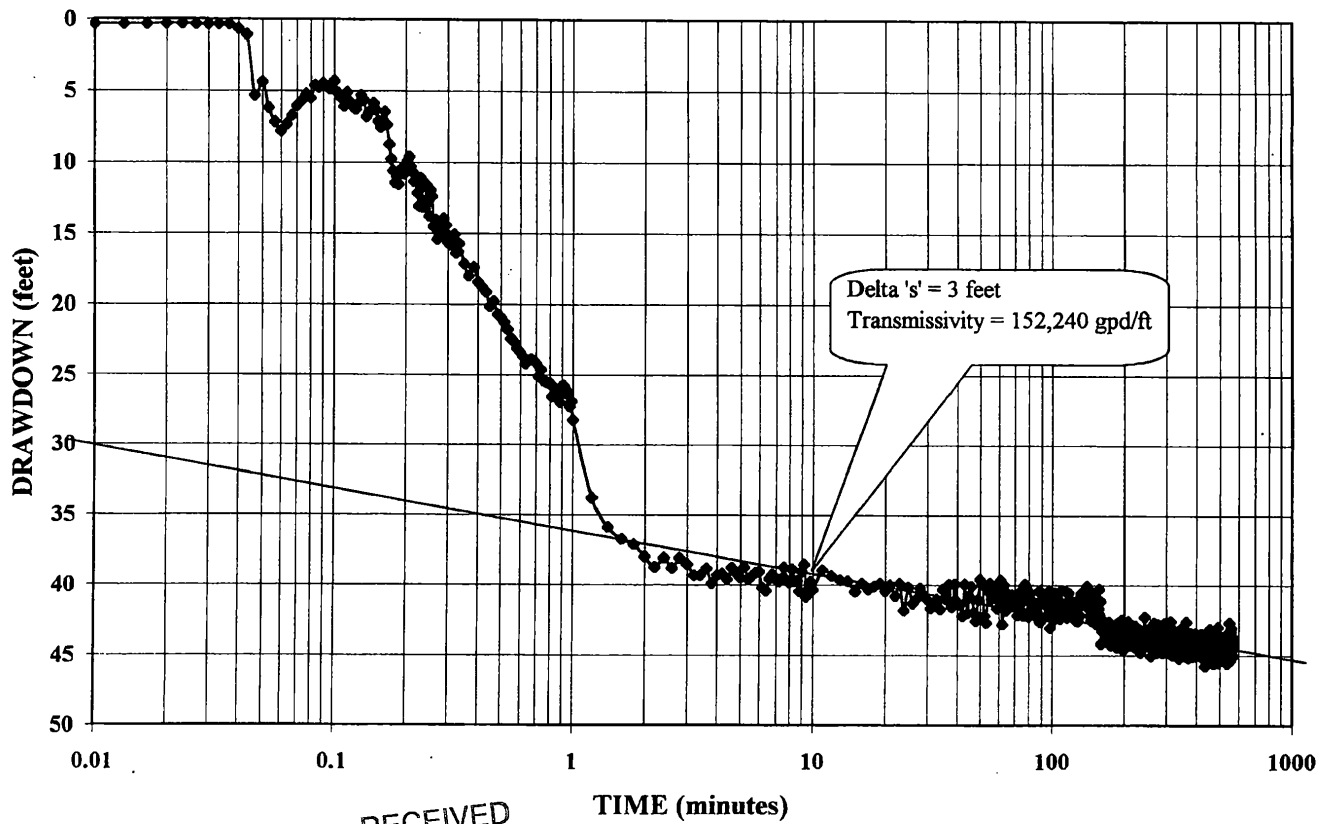
OWRD

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WATER RESOURCES DEPT.  
SALEM, OREGON

**BEAVERTON ASR #2 PUMP TEST  
4/11/00 @ 1730 GPM**



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ASR #2 test data & graphs 4-11 test graph

Schneider Drilling Co.

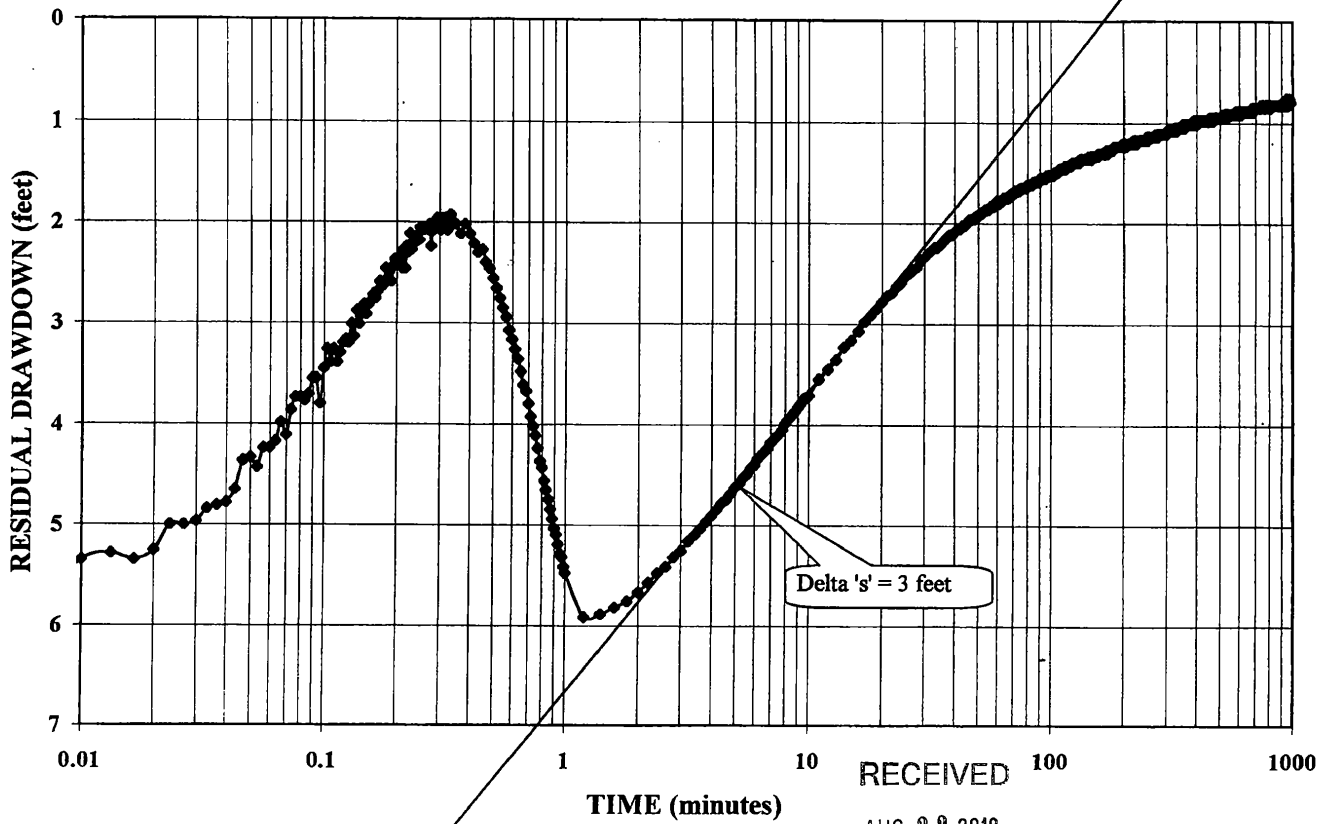


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WATER RESOURCES DEPT.  
SALEM, OREGON

**BEAVERTON ASR #2 RECOVERY**  
from 4/11/00 pump test



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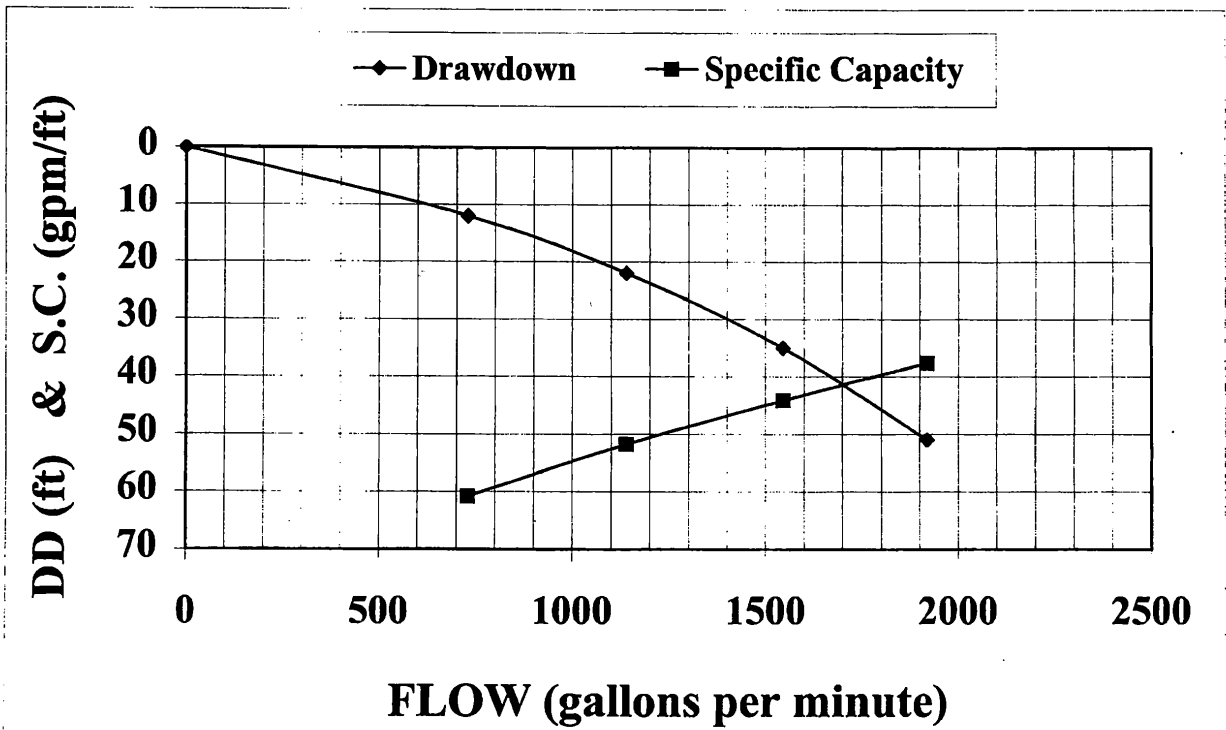
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MAY 09 2000

WATER RESOURCES DEPT.  
SALEM, OREGON

# BEAVERTON ASR #2 STEP TEST 4/10/00



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AUG 22 2018

ASR #2 test data & graphs DD & SC

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Schneider Drilling Co.

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STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

NOV 29 2001

WELL I.D. # L 51450 AUG 22 2018

START CARD # 135195

Instructions for completing this report WATER RESOURCES DEPT.

(1) LAND OWNER: Name City of Beaverton, Address 4755 SW Griffith DR, City Beaverton, State OR, Zip 97076

(2) TYPE OF WORK: [X] New Well [ ] Deepening [ ] Alteration (repair/recondition) [ ] Abandonment

(3) DRILL METHOD: [X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger [ ] Other

(4) PROPOSED USE: [ ] Domestic [ ] Community [ ] Industrial [ ] Irrigation [ ] Thermal [ ] Injection [ ] Livestock [X] Other Test hole

(5) BORE HOLE CONSTRUCTION: Special Construction approval [ ] Yes [X] No Depth of Completed Well 1000 ft. Explosives used [ ] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, Material, SEAL From, To, Sacks or pounds. Includes data for diameters 12, 8, 6 and materials like cement.

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E [ ] Other. Backfill placed from ft. to ft. Material. Gravel placed from ft. to ft. Size of gravel.

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes data for 8 inch casing.

Drive Shoe used [ ] Inside [ ] Outside [X] None. Final location of shoe(s).

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

(8) WELL TESTS: Minimum testing time is 1 hour. [X] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian. Yield gal/min 275, Drawdown 80, Drill stem at, Time 120 hr.

Temperature of water 57 degrees. Depth Artesian Flow Found. Was a water analysis done? [ ] Yes By whom. Did any strata contain water not suitable for intended use? [ ] Too little. [ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other. Depth of strata:

(9) LOCATION OF WELL by legal description: County Washington, Township 23 N or S Range 1 W E or W. WM. Section 6 SE 1/4 NE 1/4. Tax Lot 00175, Lot, Block, Subdivision. Street Address of Well (or nearest address) NE Side of intersection of SW 100m Dr and SW Scholls Ferry Rd

(10) STATIC WATER LEVEL: 169 ft. below land surface. Date 8-28-01. Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 200

Table with columns: From, To, Estimated Flow Rate, SWL. Includes data for depths 200, 300, 340, 880.

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Includes detailed log of materials like Very Fine Red/brown Silt, Basalt grey med, Basalt grey Black med, etc.

Date started 8-6-01 Completed 11-1-01

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Signed [Signature] WWC Number 1751 Date 11/22/01

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. Signed [Signature] WWC Number 1764 Date 11/22/01







# WASH 70562

## Joint Water Commission Site 44 Formation Log by Schneider Drilling Co.

Start Card #201163 Tag #108226

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MAR 16 2012  
WATER RESOURCES DEPT  
SALEM, OREGON

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	2	Topsoil
2	6	Clay, brown, medium-soft, silty
6	8	Basalt, grey & brown, soft, decomposed
8	10	Basalt, grey & brown, medium-soft, decomposed
10	21	Basalt, grey & brown, medium-hard, occasional fractures
21	23	Basalt, reddish brown, soft, vesicular, broken
23	26	Basalt, brown & grey, soft, vesicular, broken
26	31	Basalt, grey & brown, medium, fractured
31	40	Basalt, red brown, soft, vesicular, broken
40	77	Basalt, grey & brown, medium, fractured
77	87	Basalt, grey, hard, occasional fractures
87	98	Basalt, grey & brown, medium, fractured
98	110	Basalt, grey & brown, medium, fractured, some vesicles
110	117	Basalt, grey, medium, broken
117	162	Basalt, grey & brown, medium, fractured, some vesicles
162	250	Basalt, grey & brown, medium, fractured
250	280	Basalt, brown, medium, fractured, some vesicles
280	288	Basalt, brown & red, fractured, some vesicles
288	365	Basalt, grey & brown, medium, fractured
365	380	Basalt, grey & brown, hard, fractured
380	395	Basalt, red, medium, fractured, vesicular
395	430	Basalt, grey, medium, fractured
430	440	Basalt, red & brown, medium, fractured
440	468	Basalt, grey & brown, medium, fractured
468	494	Basalt, grey & brown, hard, fractured
494	498	Basalt, grey, medium, fractured
498	504	Basalt, grey & brown, soft-medium, fractured
504	539	Basalt, grey & brown, soft, fractured, some vesicles
539	671	Basalt, grey & brown, medium-hard, fractured
671	704	Basalt, grey, hard, some fractures
704	720	Basalt, grey & brown, hard, fractured
720	723	Basalt, grey & brown, medium-hard, vesicular & claystone, brown, hard
723	725	Basalt, grey & brown, medium, fractured, vesicular & claystone, brown-yellow, hard-soft
725	726	Basalt, grey & brown, medium-hard, fractured
726	741	Basalt, grey & brown, hard
741	744	Basalt, grey, medium, fractured
744	752	Basalt, grey, medium, fractured, occasional vesicles
752	776	Basalt, dark grey & some brown, medium, fractured, vesicular & some claystone green, soft
776	780	Basalt, dark grey & occasional brown, medium-hard, fractured
780	781	Basalt, grey & brown, medium, fractured, vesicular
781	813	Basalt, black, medium-soft, fractured, some vesicles
813	819	Basalt, brown, soft, broken
819	821	Basalt, black, medium, fractured
821	824	Basalt, black & brown, soft, broken
824	825	Basalt, blue grey & black, soft, broken
825	828	Basalt, dark grey, soft, broken, vesicular
828	830	Basalt, reddish grey, soft, broken, some vesicles
830	862	Basalt, dark grey, medium-hard, some fractures
862	883	Basalt, grey, medium-soft, fractured, some vesicles
883	947	Basalt, dark grey, medium-hard, fractured
947	954	Basalt, grey, hard
954	966	Basalt, black, medium-soft, broken, vesicular
966	978	Basalt, dark grey, medium, fractured, some vesicles
978	1009	Basalt, dark grey, medium-hard, fractured
1009	1023	Basalt, dark grey, soft-medium, fractured, vesicular & occasional claystone, light brown, medium
1023	1025	Basalt, grey & some brown, soft-medium, fractured, vesicular & claystone, light brown, medium
1025	----	Clay, grey-green, soft

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AUG 22 2018

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

WELL I.D. LABEL# 118526
START CARD # 208767
ORIGINAL LOG #

(1) LAND OWNER
Owner Well I.D. ASR 6 production well
First Name Last Name
Company City of Beaverton
Address PO Box 4755
City Beaverton State OR Zip 97076

(2) TYPE OF WORK
[X] New Well [ ] Deepening [ ] Conversion
[ ] Alteration (complete 2a & 1D) [ ] Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thrld
Casing: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
Material From To Amt sacks/lbs
Seal: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

(3) DRILL METHOD
[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger [ ] Cable Mud
[X] Reverse Rotary [ ] Other

(4) PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Community
[ ] Industrial/ Commercial [ ] Livestock [ ] Dewatering
[ ] Thermal [ ] Injection [X] Other ASR

(5) BORE HOLE CONSTRUCTION
Depth of Completed Well 1,078 ft.
Special Standard [ ] (Attach copy)
BORE HOLE SEAL
Dia From To Material From To Amt sacks/lbs
36 0 18 Bentonite Chips 0 34 85 S
34 18 56 Calculated 77
28 56 361 Cement 34 56 35 S
23 361 1,081 Calculated 24

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E
[X] Other pour & probe bent.
Backfill placed from 1,078 ft. to 1,087 ft. Material crushed rock
Filter pack from ft. to ft. Material Size
Explosives used: [ ] Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Pounds Actual Amount Pounds

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrld
30 [X] 3 56 .375 [X] [X] [X] [ ]
24 [X] 3 361 .375 [X] [X] [X] [ ]
20 [ ] 350 1,081 .375 [X] [X] [X] [ ]
Shoe [ ] Inside [ ] Outside [ ] Other Location of shoe(s)
Temp casing [ ] Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method Factory mill cut
Screens Type Material
Perf/ Casing/ Screen Dia From To Sem/slot width Slot length # of slots Tele/ pipe size
Perf Liner 363 649 0.25 2.5 5,720
Perf Liner 714 1,076 0.25 2.5 7,240

(8) WELL TESTS: Minimum testing time is 1 hour
[X] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
1,375 131 104

Temperature 56 °F Lab analysis [ ] Yes By
Water quality concerns? [ ] Yes (describe below) TDS amount 150 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County WASHINGTON Twp 1 S N/S Range 1 W E/W WM
Sec 30 NE 1/4 of the SW 1/4 Tax Lot 6700
Tax Map Number 1S130DA Lot
Lat " or " DMS or DD
Long " or " DMS or DD
[ ] Street address of well [ ] Nearest address
9450 SW 166th Ave, Beaverton, OR 97007

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 10-26-2015 340
Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES
Depth water was first found 26
SWL Date From To Est Flow SWL(psi) + SWL(ft)
10-26-2015 363 1,076 2,000 340

(11) WELL LOG
Ground Elevation
Material From To
See attached formation log
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Date Started 05-21-2015 Completed 11-16-2015

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number 1927 Date 11-30-2015
Signed Ryan Smith

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
License Number 649 Date 11-30-2015
Signed [Signature]
Contact Info (optional)





AUG 22 2018

WASH 74133

**CITY OF BEAVERTON**  
**ASR No. 6 PRODUCTION WELL - Tag L118526**  
**Formation Log**  
**by Schneider Water Services**

OWRD

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	5	Gravel fill
5	7	Soil, brown
7	11	Clay, red, medium-soft w/soil layers
11	13	Clay, red, medium-soft w/soil, brown including roots & vegetation
13	26	Clay, brown, medium
26	31	Siltstone, green, medium, broken
31	33	Clay, light brown, medium-soft, sandy
33	48	Basalt, brown & grey, broken w/some clay, brown, medium
48	55	Clay, light brown, medium w/some basalt, grey, broken
55	56	Basalt, grey, broken
56	79	Basalt, grey, medium, fractured, some vesicles
79	83	Basalt, brown, medium, fractured
83	120	Basalt, grey & brown, medium, fractured
120	131	Basalt, grey, medium-hard
131	161	Claystone, light brown, medium w/some basalt, grey
161	179	Basalt, grey, medium-hard, fractured
179	199	Basalt, grey & brown, medium, fractured
199	219	Basalt, grey, medium-hard
219	229	Basalt, brown & grey, medium-soft, fractured
229	259	Basalt, grey & brown, medium, fractured
259	289	Basalt, grey, medium, few fractures
289	320	Basalt, grey & some brown, medium, fractured
320	333	Basalt, grey & brown, medium-soft, fractured
333	352	Basalt, brown, medium-soft, fractured, vesicular, broken
352	372	Basalt, grey, medium, fractured
372	418	Basalt, dark grey, hard
418	423	Basalt, grey, medium
423	433	Basalt, grey, medium-hard, fractured
433	450	Basalt, brown & grey, medium-soft, broken, fractured w/claystone
450	463	Basalt, grey & brown, medium-hard, fractured
463	478	Basalt, grey & brown, medium, fractured
478	483	Basalt, red, soft, broken, vesicular
483	488	Basalt, brown & dark red, soft, broken, vesicular
488	518	Basalt, grey & brown, medium-hard fractured, some vesicles
518	524	Basalt, grey, hard fractured
524	525	Basalt, grey & brown, medium-hard, fractured
525	544	Basalt, red & brown, soft, broken, vesicular
544	547	Basalt, brown & red, soft, vesicular w/claystone, yellow
547	611	Basalt, grey, hard, some fractures
611	621	Basalt, black, soft, broken, vesicular w/some claystone, blue
621	623	Basalt, brown & black, medium-soft, very fractured, vesicular
623	648	Basalt, grey, medium fractured
648	708	Basalt, grey, hard, some fractures
708	711	Basalt, grey & brown, medium, fractured w/some claystone, brown
711	724	Basalt, grey, hard, fractured w/some claystone, brown
724	729	Basalt, grey & brown, medium-hard, fractured, some vesicles
729	798	Basalt, grey, hard, some fractures

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SALEM, OR

**WASH 74133**

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**CITY OF BEAVERTON  
ASR No. 6 PRODUCTION WELL - Tag L118526**

AUG 22 2018

**Formation Log  
by Schneider Water Services**

OWRD

<b><u>FM</u></b>	<b><u>TO</u></b>	<b><u>DESCRIPTION</u></b>
798	801	Basalt, grey, hard & claystone, grey, medium-hard w/some basalt, black, vesicular
801	815	Basalt, dark grey & brown, hard, fractured, some vesicles & claystone, green & multi-colored
815	821	Basalt, dark grey, hard, fractured & claystone, green, medium
821	836	Basalt, dark grey & some brown, hard-medium, fractured, some vesicals w/claystone, yellow, brown & green
836	848	Basalt, dark grey & brown, medium, fractured, some vesicles
848	850	Basalt, grey & dark grey, medium, fractured w/clay & claystone, green
850	860	Basalt, dark grey, medium, fractured
860	870	Basalt, dark grey, medium-soft, fractured, some vesicals
870	880	Basalt, dark grey, medium, fractured, vesicular w/some claystone, blue-green
880	893	Basalt, dark grey, medium-hard, fractured, vesicular w/some claystone
893	895	Basalt, multi-colored, soft-medium, fractured, broken, some vesicles w/some claystone
895	935	Basalt, dark grey, medium-hard, fractured, few vesicals w/some claystone, green
935	941	Basalt, dark grey, medium-hard, fractured & claystone, grey
941	945	Basalt, multi-colored, medium-soft, vesicular & claystone, grey & some green, hard
945	981	Basalt, grey, medium-hard, fractured
981	985	Basalt, dark grey, medium-soft, broken, vesicular & claystone, grey, hard w/some clay, grey, soft
985	997	Basalt, multi-colored, broken, soft, vesicular w/some claystone, green
997	1019	Basalt, grey, medium-hard, fractured
1019	1024	Basalt, grey & dark grey, medium-hard, fractured w/some claystone, grey
1024	1039	Basalt, grey, medium-hard, fractured
1039	1047	Basalt, grey, medium-hard, fractured, some vesicals & mineralization
1047	1056	Basalt, grey, medium, broken, vesicular & claystone, grey, hard
1056	1063	Basalt, grey, hard, fractured, some vesicles & claystone
1063	1070	Basalt, grey, hard, fractured
1070	1078	Basalt, grey, medium, fractured & claystone, grey-green, medium
1078	1083	Basalt, grey & light grey, medium, fractured, broken, few vesicles w/claystone, grey & green
1083	1087	Clay, light grey, medium, silty w/basalt, medium

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NOV 30 2015

SALEM, OR 2 of 2



July 20, 2018

GSI Water Solutions  
Attn: Ryan Dougherty  
55 SW Yamhill Street, Suite 300  
Portland, OR 97204

**RE: Land Use Compatibility - Tax Lot ID # 1S121CD00200**

Mr. Dougherty:

The City of Beaverton is in the preliminary design and planning stages for an Aquifer Storage and Recovery (ASR) project on a city owned parcel (TLID # 1S121CD00200), which is located in a single family residential (R7) zoning district. The subject site is currently developed with an existing pump station on a parcel owned by the City of Beaverton.

City planning staff have not received an application for the proposed ASR project. Public Sewer and Water and Utility Transmission Lines are permitted outright in the R7 zone, however, Public Sewer, Water Supply, Water Conservation and Flood Control Facilities, other than Transmission Lines, are permitted through a Conditional Use Permit.

If you have any questions or require any additional information concerning the land use entitlement process, please contact me at 503-526-2494 or [esasin@BeavertonOregon.gov](mailto:esasin@BeavertonOregon.gov)

Sincerely,

Elena Sasin  
Associate Planner

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AUG 22 2018

OWRD



July 20, 2018

GSI Water Solutions  
Attn: Ryan Dougherty  
55 SW Yamhill Street, Suite 300  
Portland, OR 97204

**RE: Land Use Compatibility - Tax Lot ID # 1S130DA06700**

Mr. Dougherty:

The City of Beaverton is in the preliminary design and planning stages for an Aquifer Storage and Recovery (ASR) project on a city owned parcel (TLID # 1S130DA06700), which is located in a single family residential (R5) zoning district. The subject site is currently developed with an existing aster detention facility on a parcel owned by the City of Beaverton.

City planning staff have not received an application for the proposed ASR project. Public Sewer and Water and Utility Transmission Lines are permitted outright in the R5 zone, however, Public Sewer, Water Supply, Water Conservation and Flood Control Facilities, other than Transmission Lines, are permitted through a Conditional Use Permit.

If you have any questions or require any additional information concerning the land use entitlement process, please contact me at 503-526-2494 or [esasin@BeavertonOregon.gov](mailto:esasin@BeavertonOregon.gov)

Sincerely,

Elena Sasin  
Associate Planner

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AUG 22 2018

OWRD



July 20, 2018

GSI Water Solutions  
Attn: Ryan Dougherty  
55 SW Yamhill Street, Suite 300  
Portland, OR 97204

**RE: Land Use Compatibility - Tax Lot ID # 2S105BC06500**

Mr. Dougherty:

The City of Beaverton is in the preliminary design and planning stages for an Aquifer Storage and Recovery (ASR) project on a city owned parcel (TLID # 2S105BC06500), which is located in a single family residential (R5) zoning district. The subject site is currently a vacant residential parcel owned by the City of Beaverton.

City planning staff have not received an application for the proposed ASR project. Public Sewer and Water and Utility Transmission Lines are permitted outright in the R5 zone, however, Public Sewer, Water Supply, Water Conservation and Flood Control Facilities, other than Transmission Lines, are permitted through a Conditional Use Permit.

If you have any questions or require any additional information concerning the land use entitlement process, please contact me at 503-526-2494 or [esasin@BeavertonOregon.gov](mailto:esasin@BeavertonOregon.gov)

Sincerely,

Elena Sasin  
Associate Planner

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AUG 22 2018

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**Water Solutions, Inc.**

August 14, 2018

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

**RE: Groundwater Registration Modification Application for GR-343**

Dear Sir or Madam,

Please find enclosed a groundwater registration (GR) modification application and supporting attachments for the City of Beaverton's GR-343. Also enclosed is a check for \$1,450 to cover the required application fee. This application is filed on behalf of the City of Beaverton's authorized agent, GSI Water Solutions, Inc.

GR-343 was originally filed by the City of Beaverton, claiming a total of 1,350 gallons per minute (gpm) from two wells. In 2014 a GR modification transfer for GR-343 was approved (T-10990), which added six additional points of appropriation (APOAs) and expanded the City of Beaverton's authorized place of use (POU) to reflect their current service area.

This GR modification application seeks to add five APOAs to GR-343 to provide the City of Beaverton's water system with greater flexibility and redundancy. The five proposed APOAs propose to utilize the existing POU authorized by GR-343 and T-10990.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason Melady", is written over a horizontal line.

Jason Melady, *RG, CWRE*  
GSI Water Solutions, Inc.

**Attachments:**

Attachment 1	Groundwater Registration Statement for GR-343
Attachment 2	Authorized and Proposed Points of Appropriation Map
Attachment 3	Well Logs
Attachment 4	Land Use Information Form

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