



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

Application for Permit Amendment or Ground Water Registration Modification

Please type or print legibly in dark ink. If your application is incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "N/A" to indicate Not Applicable. As you complete this form, please refer to notes and guidance included on the application. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml.

1. TYPE OF APPLICATION

Please check one of the following:

- Permit Amendment Ground Water Registration Modification

2. APPLICANT INFORMATION

Name: City of Beaverton **RECEIVED**
First Last

Address: 4755 SW Griffith Dr. **DEC 14 2009**
Beaverton OR 97005 **WATER RESOURCES DEPT**
City State Zip **SALEM, OREGON**

Phone: 503-526-2592
Home Work Other

Fax: _____ E-Mail address: bbarnett@ci.beaverton.or.us

3. AGENT INFORMATION

(The agent listed is authorized to represent the applicant in all matters relating to this application.)

1 10990

Name: GSI Water Solutions, Inc. ATTN: Jason Melady
First Last

Address: 55 SW Yamhill St. Suite 400
Portland OR 97204
City State Zip

Phone: 503-239-8799 ext. 104
Home Work Other

Fax: 503-239-8940 E-Mail address: jmelady@gsiwatersolutions.com

If an agent is listed above, please check **one** of the following:

- Please send all correspondence to Agent. Send *copies* of correspondence to Applicant; **or**
 Please send all correspondence to Applicant. Send *copies* of correspondence to Agent.

Permit Amendments

- If you propose to amend multiple permits under this application, a separate set of pages 3 through 7 must be provided for each permit. (**NOTE:** Concurrent changes to a water right must be filed separately on a transfer application.)

Ground Water Registration Modifications

- You may propose modification of only one ground water registration per application, unless in accordance with OAR 690-382-0300(2), the ground water registrations to be modified are layered. (**NOTE:** Concurrent changes to a water right must be filed separately on a transfer application.)

4. TYPE OF AMENDMENT OR MODIFICATION PROPOSED

Please check all of the following that apply:

| Point of Diversion or Appropriation | Place of Use | Character of Use |
|---|---|--|
| <p><input type="checkbox"/> Change (The old point of diversion or appropriation will <u>not</u> be used for the portion of the water right affected by the amendment or modification.)</p> <p><input checked="" type="checkbox"/> Additional (Both the old <u>and</u> new points of diversion or appropriation will be used for the portion of the water right affected by the amendment or modification.)</p> <p style="text-align: center;"><i>Not Available for <u>Ground Water Registrations</u></i></p> <p><input type="checkbox"/> Surface Water to Ground Water (A new point of appropriation will be used <u>instead of</u> the old point of diversion. The old point of diversion will <u>not</u> be used.)</p> | <p><input type="checkbox"/> All of the Permit or Registration will be exercised at a different location than currently authorized (Use of water at the current authorized location will be discontinued.)</p> <p><input checked="" type="checkbox"/> Only a portion of the Permit or Registration will be exercised at a different location than currently authorized (Use of water at a <u>portion</u> of the current authorized location will be discontinued.)</p> <p style="text-align: center;">RECEIVED DEC 14 2009 WATER RESOURCES DEPT SALEM, OREGON</p> | <p style="text-align: center;"><i>Not Available for <u>Permit Amendments</u></i></p> <p>Change existing authorized use to the following proposed <u>new</u> use:</p> <p><input type="checkbox"/> Irrigation</p> <p><input type="checkbox"/> Municipal</p> <p><input type="checkbox"/> Quasi-municipal</p> <p><input type="checkbox"/> Commercial</p> <p><input type="checkbox"/> Industrial</p> <p><input type="checkbox"/> Domestic (indicate number of households): _____</p> <p><input type="checkbox"/> Other _____</p> |

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- Reason(s) for amendment/modification(s): The six additional points of appropriation to be added to this groundwater registration will increase the City of Beaverton's operational flexibility for utilization of water under this registration. The revision to the place of use for this registration statement will reflect the current extent of the City's water service area.

5. CURRENT PERMIT OR REGISTRATION INFORMATION

Permit or Registration to be Amended/Modified (check and complete one of the following):

| | | | |
|-------------------------------------|---|----------------------------------|---|
| <input type="checkbox"/> | Permit to be Amended: | | |
| | | Permit Number | Current Completion Date of Permit |
| <input checked="" type="checkbox"/> | Ground Water Registration to be Modified: | GR-343 | |
| | | Ground Water Registration Number | NOTE: Concurrent changes to a water right must be filed separately on a transfer application. |

- Name on Permit or Registration: City of Beaverton
- County: Washington County
- Authorized Use(s) to be affected by this Amendment/Modification: Municipal use

- Priority Date(s): 1932 for Well #1 and 1945 for Well #2

If there are multiple Priority Dates identified on the Permit or Registration, any information provided on pages 4 through 7 must identify which priority date is associated with each of the authorized and proposed points of diversion or appropriation and places of use.

- All Source(s) of Water to be affected by this Amendment/Modification: groundwater

Tributary to: Tualatin River

If there are multiple Sources listed on the Permit or Registration, any information provided on pages 4 through 7 must identify which source is associated with each of the authorized and proposed points of diversion or appropriation and places of use.

For an application proposing a Change in Place of Use or Character of Use:

Are there any other “Layered” Water Rights, Permits, or Ground Water Registrations issued for Irrigation purposes that are appurtenant to the same place of use as the Permit or Registration being Amended/Modified? Yes No N/A

If “Yes”, pursuant to ORS 540.510, OAR 690-380-2240 and OAR 690-382-0200, the other “layered” water uses subject to transfer must either change concurrently or be cancelled, except as provided in OAR 690-380-2240(5).

- Remarks: GR 343 is for municipal use

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- The following information **must be provided only** for those points of diversion or appropriation that are involved in the permit amendment or ground water registration modification (i.e., list only the portion of the permit/registration you propose to amend/modify.) Attach additional pages as necessary.

Government lot and donation land claim numbers must be included in the tables below **only** if the information is reflected on the existing permit or ground water registration.

Location of Existing Authorized Point(s) of Diversion or Appropriation to be Changed:

(i.e., the allowed point(s) of diversion/appropriation that will be affected by the proposed amendment/modification, the "FROM" point(s) of diversion/appropriation)

| If Ground Water, OWRD Well Log ID No. (or Well ID Tag No. L-___) | Source and Priority Date | Township | Range | Mer | Sec | ¼ ¼ | Tax Lot, DLC or Gov't Lot | Survey Coordinates (coordinates from a recognized survey corner) |
|--|--------------------------|----------|--------|-----|-----|-------|---------------------------|--|
| WASH 8791 (Well #1) | Groundwater 1932 | 1 South | 1 West | WM | 11 | NE SW | | 220 ft South and 2,550 ft East from the W quarter corner, Section 11 |
| WASH 8988 (Well #2 – now known as ASR 1) | Groundwater 1945 | 1 South | 1 West | WM | 21 | SE SW | | 460 ft North and 2,550 ft East from the SW corner, Section 21 |

- Does the permit/registration being amended/modified involve a ground water source(s)?
 - Yes
 - No (Surface water source only.)

If "Yes", for each authorized point of appropriation (well) involved, you must either:

A. Supply a copy of the well log(s) for each point of appropriation that is **clearly labeled** and associated with the corresponding well in the table above and on the accompanying application map.

(NOTE: You may search for well logs on the Department's website at: www.wrd.state.or.us)

or

B. If a well log is **not** available, you must describe the construction of the authorized point of appropriation by completing the table below. Attach additional copies as necessary.

Construction of Existing Authorized Point(s) of Appropriation – (Only needed if no well log is available.)

Wells in this listing must be **clearly tied** to corresponding well location(s) described in the table above and shown on the accompanying application map.

| OWRD Well No. as identified in table above | Diameter | Type and size of casing | No. of feet of casing | Intervals casing is perforated (in feet) | Seal depth | Est. depth to water | Est. depth to water bearing stratum | Type of access port or measuring device | Total well depth |
|--|----------|-------------------------|-----------------------|--|------------|---------------------|-------------------------------------|---|------------------|
| N/A – well logs provided | | | | | | | | | |
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6. PROPOSED PERMIT AMENDMENT OR REGISTRATION MODIFICATION

- Describe proposed changes to the permit or registration involving point(s) of diversion and/or appropriation. Survey coordinates described below should accurately correspond to the points shown on the accompanying application map. Attach additional pages as necessary.

Location of Proposed Point(s) of Diversion or Appropriation: (i.e., the "TO" point(s) of diversion/appropriation)

(NOTE: Complete this table **only** if a Change in Point of Diversion or Appropriation is being proposed.)

| Source | Township | Range | Mer | Sec | ¼ ¼ Section | Tax Lot, DLC or Gov't Lot | Survey Coordinates (coordinates from a recognized survey corner) |
|-----------------------------|----------|--------|-----|-----|-------------|---------------------------|--|
| Groundwater (ASR 2) | 1 South | 1 West | WM | 21 | SE SW | | 235 feet North and 2,430 feet East from the SW corner Section 21. |
| Groundwater (ASR 3) | 2 South | 1 West | WM | 5 | SW NW | | 1,180 feet North and 185 feet East from W quarter corner Section 5. |
| Groundwater (ASR 4) | 1 South | 1 West | WM | 21 | SW SE | | 480 feet North and 2,445 feet West from the SE corner of Section 21. |
| Groundwater (Dernbach Well) | 1 South | 1 West | WM | 20 | SW NW | | 1360 feet South and 925 feet East from the NW corner of Section 20. |
| Groundwater (ASR 5) | 1 South | 1 West | WM | 28 | SW NW | | 1435 feet South and 335 feet East from the NW corner of Section 28. |
| Groundwater (ASR 7) | 1 South | 1 West | WM | 30 | NW SW | | 1750 feet North and 635 feet East from the SW corner of Section 30. |

- If there are proposed point(s) of appropriation (wells) listed in the table above, are the well(s) already constructed? Yes No N/A - No proposed well(s) listed above.

If "Yes", attach and clearly label the corresponding well log(s) for each proposed well, or if well log(s) are **not** available, describe the construction of the well(s) using the table below.

If "No", describe the anticipated construction for the proposed well(s) in the following table:

Construction of Proposed Point(s) of Appropriation or Well(s):

Well numbers in this listing must be clearly tied to corresponding well location(s) described in the table above and shown on the accompanying application map.

| Well already built? (Yes/No) | If an existing well, OWRD Well Log ID No. (or Well ID Tag No. L-) | Diameter | Type and size of casing | No. of feet of casing | Intervals casing is perforated (in feet) | Seal depth | Est. depth to water | Est. depth to water bearing stratum | Type of access port or measuring device | Total well depth |
|------------------------------|--|-----------------------------|-------------------------|-----------------------|--|------------|---------------------|-------------------------------------|---|------------------|
| Yes | WASH 55918 (ASR 2) | See well log (Attachment 3) | | | | | | | | |
| Yes | WASH 57952 (ASR 3) | See well log | | | | | | | | |
| Yes | WASH 61319 (ASR 4) | See well log | | | | | | | | |
| Yes | WASH 8961 WASH 8845 WASH 8957 (Dernbach) | See well logs | | | | | | | | |
| No | (ASR 5) Proposed Design | 20" | Steel 20" | 100 | Open from 100' - 1000' | 100' | 220' | 300' | Water level access pipe | 1000' |
| No | (ASR 7) Proposed Design | 20" | Steel 20" | 250' | Open from 250'-1000' | 250' | 500' | 600' | Water level access pipe | 1000' |

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7. AFFECTED DISTRICTS AND LOCAL GOVERNMENTS

- Are any of the Permit(s) or Registration(s) proposed for amendment/modification located within or served by an irrigation or other water district? Yes No
- Will any of the Permit(s) or Registration(s) be located within or served by an irrigation or other water district after the proposed amendment/modification? Yes No
- Is water for any of the Permit(s) or Registration(s) supplied under a water service agreement or other contract for stored water with a federal agency? Yes No

If "Yes", for any of the above, list the name and mailing address of the district and/or agency:

- List the name and mailing address of all affected local governments (e.g., county, city, municipal corporation, and tribal governments within whose jurisdiction the right(s) are located).

The City of Beaverton (applicant), 4755 SW Griffith Dr. Beaverton, OR 97005

Washington County, 155 N. First Avenue, Ste. 350, Hillsboro, OR 97124

8. PERMIT HOLDER OF RECORD

*This section is to be completed **only** for Permit Amendment applications.*

- N/A – This is a Ground Water Registration Modification application.*

- Is the applicant the permit holder of record? Yes No

If "No", the applicant must either:

A. *Be assigned as a permit holder of record by submitting a completed **Request for Assignment** form and the required statutory fee for an assignment;*

or

B. *Submit an **Affidavit of Consent** from the permit holder of record that gives permission for the applicant to amend the permit.*

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10. ATTACHMENTS

*Check each of the following attachments included with this application.
The application will be returned if all required attachments are not included.*

| | |
|--|---|
| <p>Map:</p> <p><input checked="" type="checkbox"/> A map meeting the requirements of OAR 690-380-3100 must be included but need not be prepared by a Certified Water Right Examiner.</p> <p>Land Use Information Form:</p> <p><input checked="" type="checkbox"/> Enclosed; <u>or</u></p> <p><input type="checkbox"/> Not required if all of the following are met:</p> <ul style="list-style-type: none">❶ In EFU zone or irrigation district;❷ Change in place of use only;❸ No structural changes needed, including diversion works, delivery facilities, other structures; and❹ Irrigation only. <p>Water Well Reports/Well Logs:</p> <p><input checked="" type="checkbox"/> The application involves a change in point of appropriation or change from surface water to ground water and copies of all water well reports are attached.</p> <p><input checked="" type="checkbox"/> Water well reports are not available and a description of construction details including well depth, static water level, and information necessary to establish the ground water body developed or proposed to be developed is attached.</p> <p><input type="checkbox"/> N/A. The application does not involve a change in point of appropriation or a change from surface water to ground water, so water well reports are not required.</p> | <p>Fees:</p> <p><input checked="" type="checkbox"/> Amount enclosed: \$ <u>500</u> See the Department's Fee Schedule at www.wrd.state.or.us/OWRD/PUBS/forms.shtml or call (503) 986-0900.</p> <p><u>For Permit Amendments Only...</u></p> <p>Request for Assignment:</p> <p><input type="checkbox"/> Enclosed. The applicant is NOT the permit holder of record and needs to be assigned to the permit; OR the landowner of the proposed place of use is NOT the permit holder of record and needs to be assigned to the permit. <i>The Request for Assignment form is available online at: www.wrd.state.or.us/OWRD/PUBS/forms.shtml ; or</i></p> <p><input type="checkbox"/> N/A. The applicant is the permit holder of record and owns or controls the proposed place of use; OR the applicant is not the permit holder of record but is supplying an Affidavit of Consent from the permit holder.</p> <p>Affidavit of Consent:</p> <p><input type="checkbox"/> Enclosed. Because the applicant is NOT the permit holder of record, an Affidavit of Consent is being supplied that gives permission for the applicant to amend the permit; or</p> <p><input type="checkbox"/> N/A. Not required because the applicant is the permit holder of record.</p> |
|--|---|

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Before submitting your application to the Department, be sure you have:

- Answered each question completely.
- Included all the required attachments.
- Provided original signatures for **all** named deed holders, or other parties, with an interest in the water right.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount.

11. SIGNATURES

- **For Ground Water Registration Modification Applications only, check the appropriate one and sign the application in the signature box below:**


In accordance with OAR 690-382-0400(16)(a), I (we) understand that prior to Department approval of a permanent modification and upon my receipt of a draft Preliminary Determination for the proposed modification, I (we) will be required [pursuant to OAR 690-382-0700(5)] to provide the following landownership information and evidence demonstrating that I (we) are authorized to pursue the modification:

- (a) A report of ownership and lien information that has been prepared by a title company *within the last three months*;
- (b) A copy of written notification of the proposed modification provided by the applicant to **all** lien holders on the subject lands unless the report of ownership and lien information shows that a water right conveyance agreement has been recorded for the subject lands. *If a water right conveyance agreement has been recorded for the subject lands, a copy of the recorded agreement and a listing of the owner(s) of the lands at the time the agreement was recorded must be submitted; and*
- (c) If the applicant is **not both** the person named on the ground water registration or the assignee **and** the owner of the lands to which the registration is appurtenant, as identified in the report of ownership and lien information, then **either** of the following must be provided:
 - A) Notarized statements consenting to the modification by all persons, other than the applicant, who are named on the ground water registration or identified as landowners in the report of ownership and lien information or who are authorized representatives of an entity to whom the interest in the water right has been conveyed as identified in a water right conveyance agreement; **or**
 - B) Documentation demonstrating that the applicant is authorized to pursue the modification in the absence of consent of the persons named on the ground water registration or the assignee **and** the owner of the lands to which the registration is appurtenant.

I (we) affirm that 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. Therefore, pursuant to OAR 690-382-0400(16)(b), the applicant is **NOT** required to provide the above described report of ownership and lien information.

I (we) affirm that the applicant is an entity with the authority to condemn property and is acquiring the property to which the ground water registration proposed for modification is appurtenant by condemnation. Documentation is provided with this application supporting this statement. Therefore, pursuant to OAR 690-382-0400(16)(c), the applicant is **NOT** required to provide the above described report of ownership and lien information. (NOTE: Such an entity may only apply for recognition of a modification under this subsection if it has filed a condemnation action to acquire the property and deposited the funds with the court as required by ORS 35.265.)

- **For both Permit Amendment and Ground Water Registration Modification Applications, I (we) affirm that the information contained in this application is true and accurate.**

| | | |
|--|---|-------------------------|
|  applicant signature | <u>David A. Winship</u> name (print) | <u>11/20/09</u> date |
| <u>10990</u> applicant signature | _____ name (print) | _____ date |

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Attachment 1
Groundwater Registration Statement for GR 343
Application for a Groundwater Registration Modification – GR 343

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STATE ENGINEER
SALEM, OREGON

Registration Statement

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

OF CLAIMANT OF RIGHT TO APPROPRIATE GROUND WATER

(Under Chapter 703, 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 S.) (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 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 325 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 1932

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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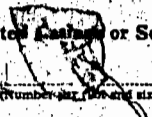
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8. Casing: (Give diameter, commercial specifications and depth below ground surface of each casing size.)

10 inch diameter from 0 to 215.4 feet
 8 inch diameter from 215.4 to 409.9 feet
 UNCASED inch diameter from to feet
 inch diameter from to feet

Describe and show depth of shoe, plug, adapter, liner or other details:
 APPROXIMATELY 3" OFFSET IN CASING AT 215.4 FT LEVEL.

9. Perforated Casing or Screens:



NONE

(Number, size, and size of perforations, or describe screen)

from to
 from to
 from to
 from to

10. Log of Well: (Describe each stratum or formation clearly, indicate if water bearing, and give thickness and depth as indicated.)

| MATERIAL | Thickness (Feet) | Depth to Bottom (Feet) |
|---------------------------------|------------------|------------------------|
| BORING LAVA (BASALT) | | |
| ROCK, RED & GRAY (CRACK AT 59') | 59 | 59 |
| ROCK, RED (CRACK AT 88') | 52 | 111 |
| TROUTDALE FORMATION: | | |
| CLAY, YELLOW, BLUE AND RED | 492 | 553 |
| SANDSTONE, YELLOW | 70 | 563 |
| COLUMBIA RIVER BASALT: | | |
| ROCK, WITH CLAY | 89 | 650 |
| ROCK, HARD | 10 | 660 |
| ROCK, LAVA | 38 | 698 |
| ROCK, BLACK | 10 | 708 |
| ROCK, BLACK, VERY HARD | 27 | 735 |

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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 PAMONA 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>CORPORATE 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. 1 S. R. 1 W. W.M.</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 (10.00) 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 86 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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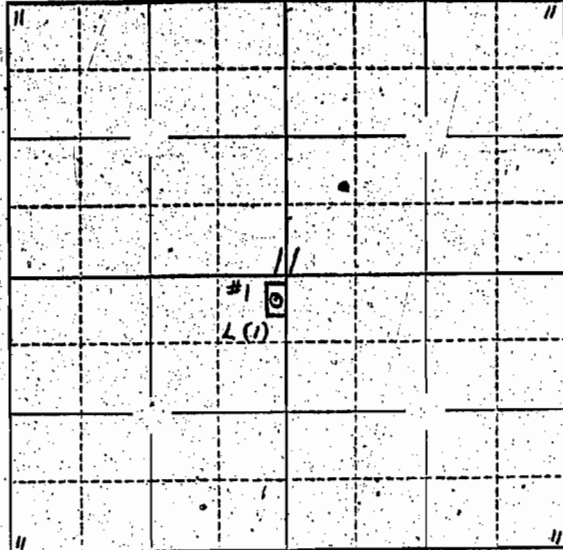
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GR-328B

SECTION 11

Township 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 _____

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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SALEM, OREGON

REGISTRATION NO. GR-343

Registration Statement CERTIFICATE NO. GR-328

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STATE ENGINEER
SALEM, OREGON

OF CLAIMANT OF RIGHT TO APPROPRIATE GROUND WATER

(Under Chapter 703, 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:
2500 feet east and 460 feet north from the SW corner of section 21.

(a) 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. 15, Rge. 1 W
(Smallest legal subdivision) (Twp. 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 200 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 20 ± 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 - PAMONA 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 1461, Volume 226, Deed Records of Washington County, Oregon, said point being 552.8 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 Westerly 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, 1.1 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 1461, 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 southwest 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.

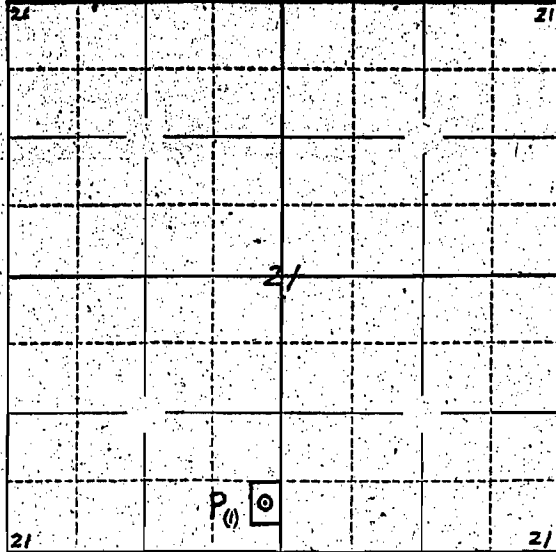
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SALEM, OREGON

SECTION 21

Township 1-5 Range 1-11 W.M. North



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

STATE OF OREGON

County of Washington } ss. City Superintendent

I, Robert O. Malsey, 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. Malsey
(Signature of Registrant)

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

My commission expires June 20 1960 Glenn B. Martin
(Notary Public)

(SEAL)

CERTIFICATE OF REGISTRATION

STATE OF OREGON } ss.
County of Marion

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-19-x-x and the water completely applied to benefits use by x-x-x-x-x-x-x-x-19-x-x~~

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

Lewis A. Stanley
(State Engineer)

By _____ (Deputy) GR-328 G.

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SALEM, OREGON

Attachment 2

Current and Proposed Points of Appropriation Map

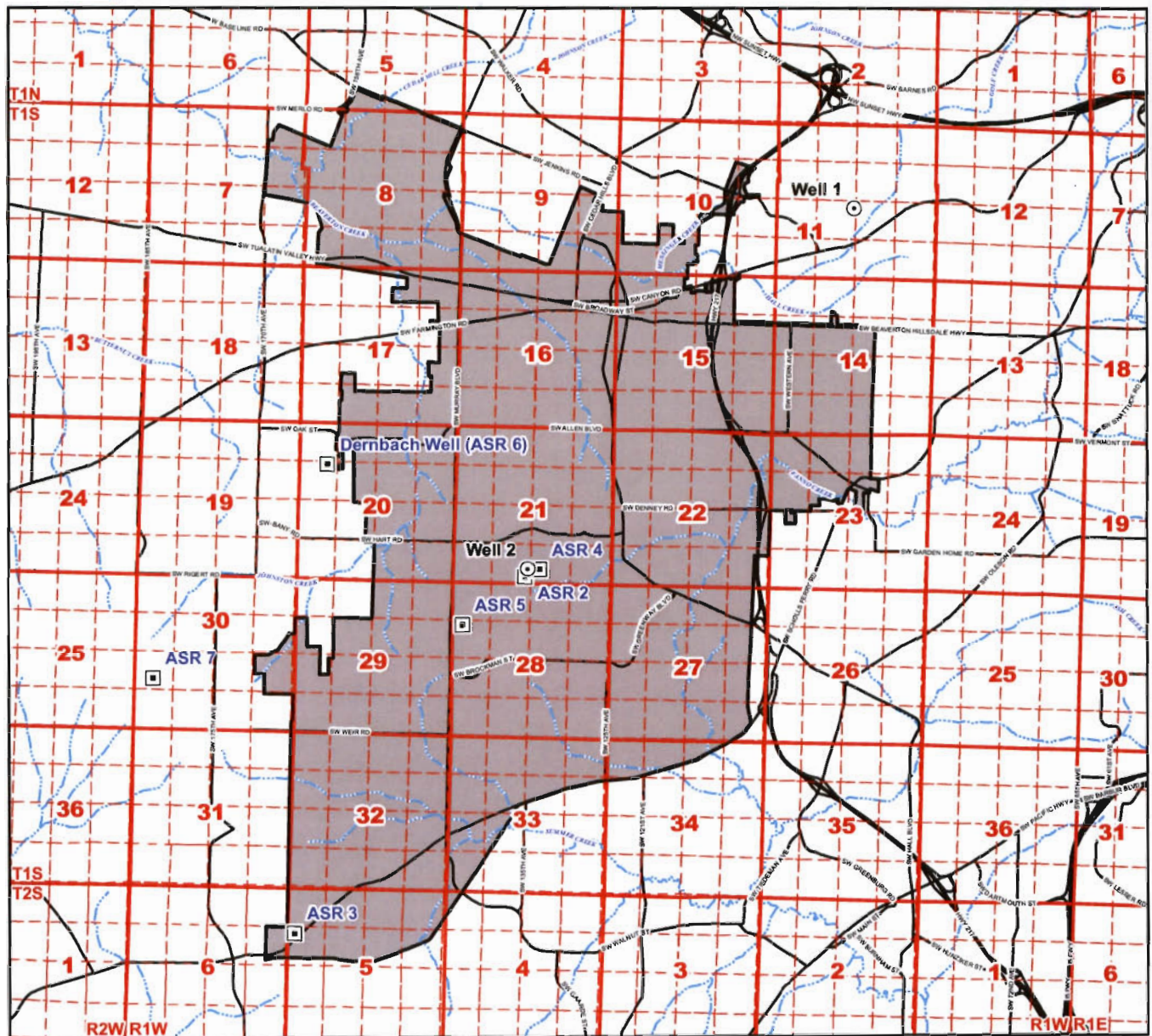
Application for a Groundwater Registration Modification – GR 343

T 10990

Points of Appropriation Groundwater Registration GR 343

City of Beaverton

Township 1 South, Range 1 West & Township 2 South, Range 1 West

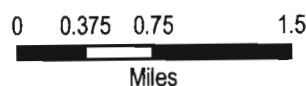


Legend

- ⊙ Existing Point of Appropriation (POA)
- ▣ Proposed Point of Appropriation (POA)
- Water Service Area
- Streets
- ~ Watercourses

Scale

1 inch = 1 mile



POA Legal Descriptions

- Well 1** Located 220 feet South and 2,550 feet East from the W quarter corner of Section 11, Township 1 South, Range 1 West (W.M.)
- Well 2** Located 460 feet North and 2,550 feet East from the SW corner of Section 21, Township 1 South, Range 1 West (W.M.)
- ASR 2** Located 235 feet North and 2,430 feet East from the SW corner of Section 21, Township 1 South, Range 1 West (W.M.)
- ASR 3** Located 1,180 feet North and 185 feet East from the W quarter corner of Section 5, Township 2 South, Range 1 West (W.M.)
- ASR 4** Located 480 feet North and 2,445 feet West from the SE corner of Section 21, Township 1 South, Range 1 West (W.M.)
- ASR 5** Located 1435 feet South and 335 feet East from the NW corner of Section 28, Township 1 South, Range 1 West (W.M.)
- ASR 7** Located 1750 feet North and 635 feet East from the SW corner of Section 30, Township 1 South, Range 1 West (W.M.)
- Dornbach Well(ASR 6)** Located 1360 feet South and 925 feet East from the NW corner of Section 20, Township 1 South, Range 1 West (W.M.)

Map Information

Map Projection: Oregon Lambert Conformal Conic
 Map Datum: North American 1983
 Map Date: December 10, 2009
 Prepared By: GSI Water Solutions, Inc.

Data Sources

Oregon Geospatial Data
 Clearinghouse, USDA

Note

This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.



Kim Grigsby

From: Kelly Starnes [starnepk@wrд.state.or.us]
Sent: Friday, December 12, 2008 3:38 PM
To: Kim Grigsby
Subject: RE: map scale waiver

Kim –

I have reviewed the map and the Department can accept it as part of the groundwater registration modification application.

Please include a copy of this e-mail with the map and application.

Kelly

From: Kim Grigsby [mailto:KGrigsby@GSIWaterSolutions.com]
Sent: Friday, December 12, 2008 2:44 PM
To: Kelly Starnes
Subject: map scale waiver

Kelly,

As you will recall, I am developing a groundwater registration modification for the City of Beaverton's GR 343. You have previously granted a map scale waiver for the place of use map. I would like to now request a map scale waiver for the attached POA map. We are requesting the larger scale so that we can include the service area boundaries on this map.

Thank you for your assistance,
Kim

Kimberly Grigsby
Water Resources Consultant
GSI Water Solutions, Inc.
1600 Western Blvd., Suite 240
Corvallis, OR 97333
Phone: 541-753-0745 ext. 13

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STATE ENGINEER
Salem, Oregon

WASH OBSERVATION WELL
Well Record

STATE WELL NO. 114-1160
COUNTY Washington
APPLICATION NO. GR-343

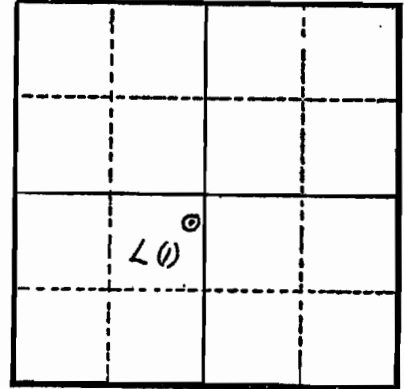
008791

OWNER: City of Beaverton - by R.O. 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.

FINISH:

unknown

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 Washington Municipal 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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WATER RESOURCES DEPT
SALEM, OREGON

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STATE ENGINEER
Salem, Oregon

WASH Well Record

STATE WELL NO. 1110-21 P 0
COUNTY Washington
APPLICATION NO. GR-343

008988

OWNER: City of Beaverton

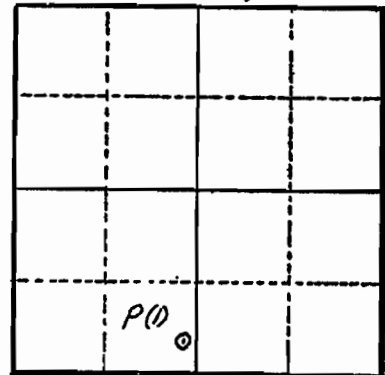
MAILING ADDRESS: City Hall

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 ^{gals.} Temp. _____ °F., 19____

SOURCE OF INFORMATION Reg. Statement GR-343

DRILLER or DIGGER _____

ADDITIONAL DATA:

Log Yes 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)

WASH
55918

WATER RESOURCES DEPT
SALEM, OREGON

WELL I.D. # L33784
START CARD # 127584

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 | .375 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

(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

Pump Bailor Air 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" mildsteel .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" mildsteel .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 Shaun 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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ORIGINAL - WATER RESOURCES DEPARTMENT FIRST COPY - CONSTRUCTOR SECOND COPY - CUSTOMER

WATER RESOURCES DEPT
SALEM, OREGON

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SALEM, OREGON

City of Beaverton ASR No. 2

S.C. #127584 - Label #33784

by Schneider Drilling Co. - 2000

| From | To | Description |
|-------------|-----------|---|
| 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, vesicular, 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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SALEM, OREGON

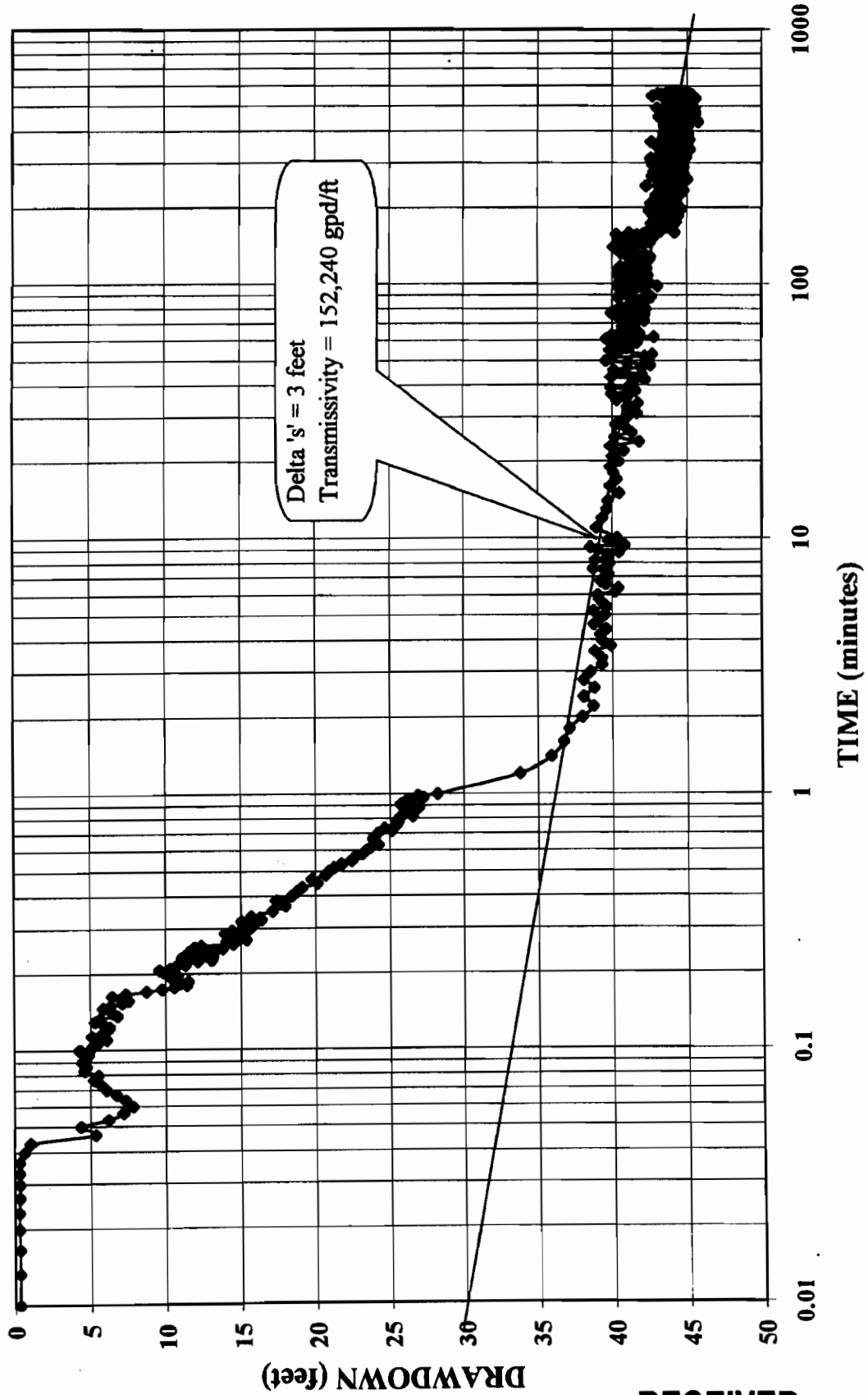
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SALEM, OREGON

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



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WATER RESOURCES DEPT.
SALEM, OREGON

1 10990

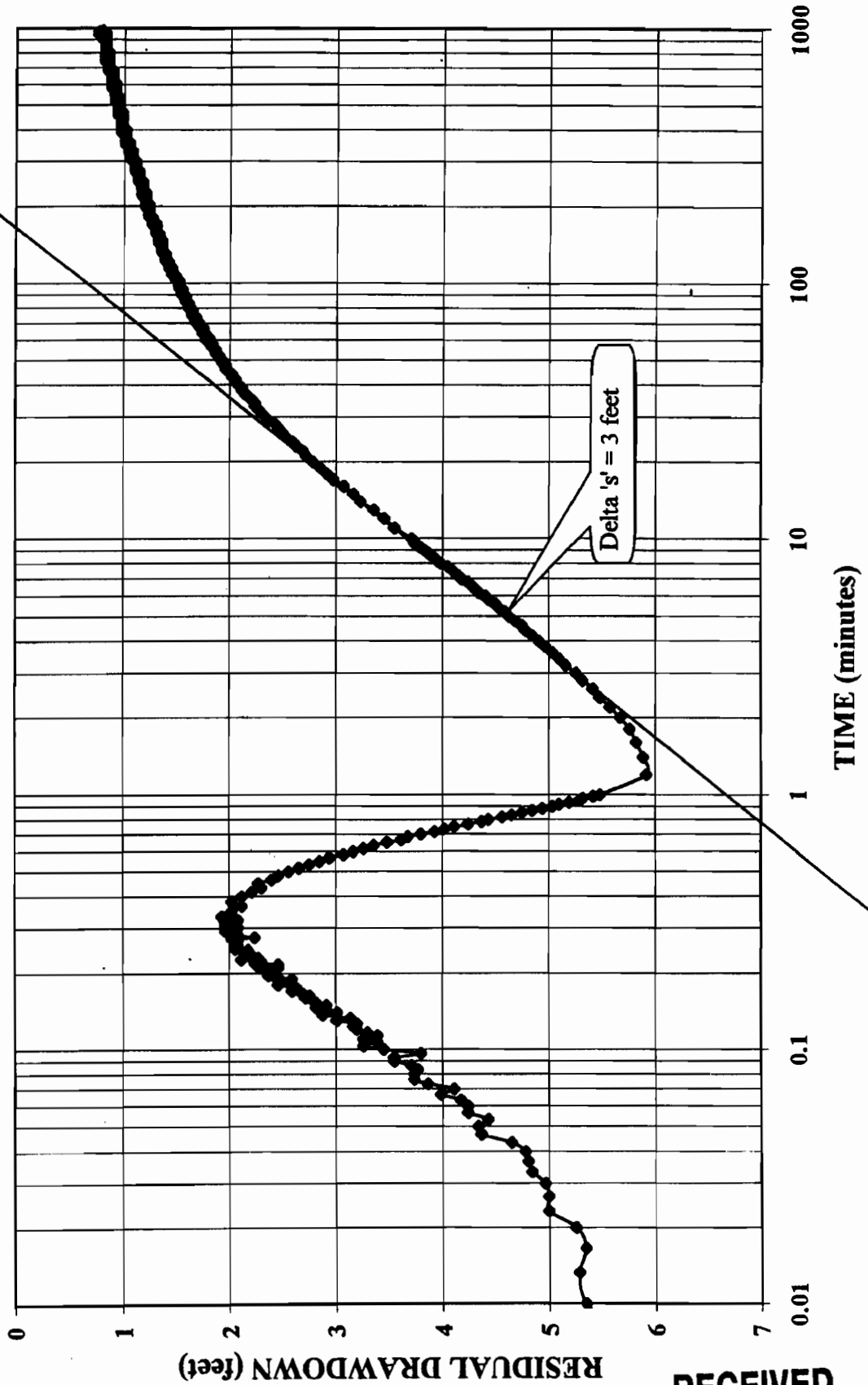
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WATER RESOURCES DEPT.
SALEM, OREGON

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



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WATER RESOURCES DEPT.
SALEM, OREGON

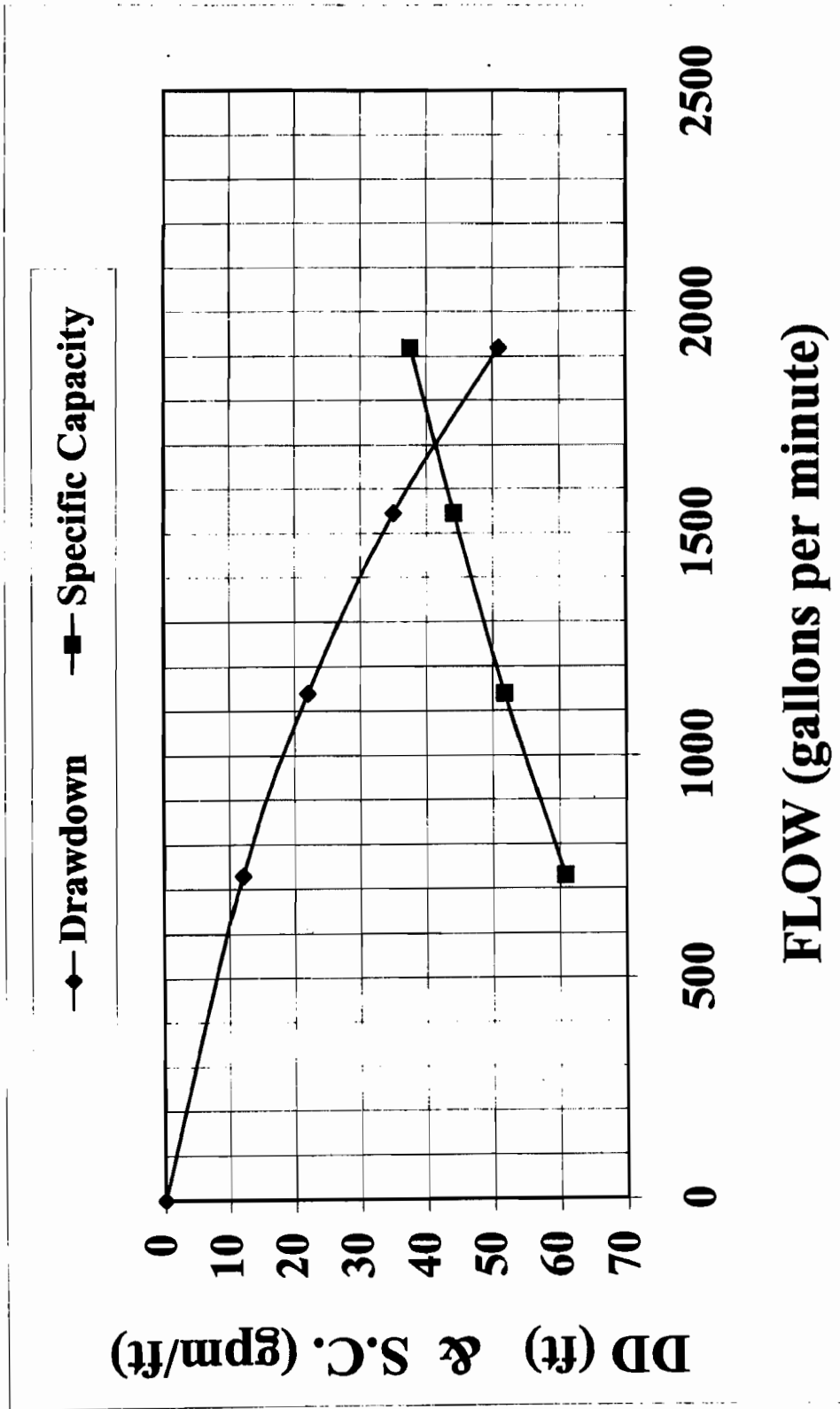
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WATER RESOURCES DEPT.
SALEM, OREGON

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BEAVERTON ASR #2 STEP TEST 4/10/00



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SALEM, OREGON

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STATE OF OREGON

WATER SUPPLY WELL REPORT NOV 29 2001

(as required by ORS 537.765)

WELL I.D. # L 51450

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 handwritten data for diameters 8 and 6.

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 handwritten data for casing diameter 8.

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. Includes handwritten data for slot size +2.

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

Temperature of water 57° Depth Artesian Flow Found Was a water analysis done? [] Yes [] No Did any strata contain water not suitable for intended use? [] Too little [] Salty [] Muddy [] Odor [] Colored [] Other Depth of strata 10990

(9) LOCATION OF WELL by legal description: County Washington Latitude Longitude Township 25 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 handwritten data for flow rates 5, 75, 100.

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Includes handwritten log entries such as Very Fine Red/brown Silt, Weathered/Broken Basalt, Basalt grey 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 11/27/01

(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 11/27/01

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WATER RESOURCES DEPT SALEM, OREGON

NOTICE TO WATER WELL CONTRACTOR

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

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date of well completion.

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STATE ENGINEER
SALEM, OREGON

WATER WELL REPORT WASH

NOV 20 1970 STATE OF OREGON

(Please type or print)

008957

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 Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded

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

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____

| Size of perforations | in. | by | in. |
|-------------------------------|-----|----------|-----|
| _____ perforations from _____ | ft. | to _____ | ft. |
| _____ perforations from _____ | ft. | to _____ | ft. |
| _____ perforations from _____ | ft. | to _____ | ft. |
| _____ perforations from _____ | ft. | to _____ | ft. |

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WATER LEVEL: Completed well.

Static level 312 ft. below land surface Date 10/19/70
Artesian 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. |
|--------|----------------|--------------------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Ballot 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 No

(10) CONSTRUCTION:

Well seal—Material used _____
Depth of seal _____ ft.
Diameter of well bore to bottom of seal _____ in.
Were any loose strata cemented off? Yes No Depth _____
Was a drive shoe used? Yes No
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____ T 10990
Was well gravel packed? Yes 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. 1S. R. 1W. 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.

| MATERIAL | From | To | SWL |
|---|------------|------------|-----------------------------------|
| <u>Deepening - of original well in rock from 320' to 410'</u> | | | <u>original static level 312'</u> |
| <u>Rock - brown</u> | <u>320</u> | <u>340</u> | <u>312'</u> |
| <u>Rock - gray</u> | <u>340</u> | <u>385</u> | |
| <u>Rock - soft</u> | <u>385</u> | <u>410</u> | <u>312'</u> |

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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 Boman Date 11/9 1970
(Drilling Machine Operator)

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 Boman
(Person, firm or corporation) (Type or print)

Address 16425 SW Hart, Beaverton, Oregon

[Signed] Jack Boman
(Water Well Contractor)

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

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1/11/17

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

SEP 13 1960 WATER WELL REPORT 008845 STATE OF OREGON

State Well No. State Permit No.

(1) OWNER:

Name C. J. Dembeck
Address 15820 S.W. Waverly, Beaverton, Ore

(2) LOCATION OF WELL:

County Wash Owner's number, if any -
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 west line at entrance of Davis Rd. and 700 West of east line 2.5 mi south west of Beaverton, Ore Washington Co. 15820 S.W. Dav.

(3) TYPE OF WORK (check):

New Well Deepening 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 Cable Dug Driven Jetted 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. Dembeck 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 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, Shale formation, Rock - medium hard, Rock - medium heavy, Sandstone - porous, Rock - Hard, Rock - Unconsolidated, Hardness controlling water flow.

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Work started 7/30 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 Barton (Person, firm, or corporation) (Type or print)

Address 16425 S.W. Hart

Driller's well number 57

[Signed] Jack Barton (Well Driller)

License No 59 Date 8/6, 1960

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STATE ENGINEER
Salem, Oregon

008961

Well Record

STATE WELL NO. 1/w-2053
COUNTY WASH.
APPLICATION NO. _____

OWNER: C. J. Dernbach

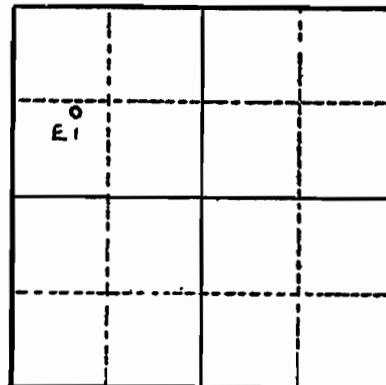
MAILING ADDRESS: 15820 S.W. Davis

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:

AQUIFERS:

Basalt

WATER LEVEL:

268 feet in 1953

PUMPING EQUIPMENT: Type Deep well Piston 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 Domestic Temp. _____ °F. _____, 19____

SOURCE OF INFORMATION Obs. & Owner

DRILLER or DIGGER A.M. Jannsen

ADDITIONAL DATA:

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

REMARKS:

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

(WELL I.D.)# **L 58870**

(START CARD) # **156690**

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

(1) OWNER: Well Number **ASR-4**
 Name **City of Beaverton**
 Address **PO 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 _____

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

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well **482** ft.
 Explosives used Yes No Type _____ Amount _____

| Diameter | HOLE | | Material | SEAL | | Sacks or pounds |
|----------|------|------|----------|------|----|-----------------|
| | From | To | | From | To | |
| 24" | 0 | 88 | cement | 0 | 88 | 110 sacks |
| 20" | 88 | 482' | | | | |

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 | 20" | +1 | 88' | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Liner | 16" | 0 | 482' | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

(7) PERFORATIONS/SCREENS:
 Perforations Method _____
 Screens Type **wire wrap** Material **Stainless**

| From | To | Slot size | Number | Diameter | Tele/pipe size | Casing | Liner |
|----------------------------------|-----|-----------|--------|----------|----------------|--------------------------|-------------------------------------|
| ***** See Attached Diagram ***** | | | | | | | |
| 170 | 180 | .050 | | 16" | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 335 | 350 | .050 | | 16" | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 405 | 445 | .050 | | 16" | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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

| Yield gal/min | Drawdown | Drill stem at | Time |
|---------------|----------|---------------|-------|
| 225 | 3.7 | 420' | 1 hr. |

Temperature of water **51 F** Depth Artesian Flow Found _____
 Was a water analysis done? Yes No 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 **1** S Range **1** W WM.
 Section **21** SW 1/4 SE 1/4
 Tax Lot **1800** Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) **13450 SW Hanson Rd**
Beaverton, OR

(10) STATIC WATER LEVEL:
120 ft. below land surface. Date **6/16/04**
 Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found **185**

| From | To | Estimated Flow Rate | SWL |
|------|-----|---------------------|-----|
| 185 | 205 | | |
| 340 | 350 | | |
| 405 | 445 | | |

(12) WELL LOG:
 Ground Elevation _____

| Material | From | To | SWL |
|--|------|----|-----|
| *SEE ATTACHMENT FOR CONTINUATION* | | | |

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Date started **8/06/03** Completed **8/02/04**

(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 *[Signature]* WWC Number **1523**
 Date **6/28/04**

(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 *[Signature]* WWC Number **1768**
 Date **6/28/04**

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER



Geo-Tech Explorations
 A Division of Boart Longyear
 19700 SW Teton Ave
 Tualatin, OR 97062
 503-692-6400
 503-692-4759 (fax)

Start Card: 156690
Well Label: L58870
Boring #: ASR - 4

Soil Profile Continued from Log:

| Material | From | To | SWL |
|--|------|-----|-------|
| Fill | 0 | 5 | |
| silt & weathered rock | 5 | 15 | |
| highly weathered clayey silt w/ gravels | 15 | 35 | |
| clay and silt | 35 | 40 | |
| vesicular basalt | 40 | 62 | |
| basalt (gray to black) w/ green streaks | 62 | 90 | |
| vesicular basalt - reddish | 90 | 101 | |
| basalt (gray to dark gray) | 101 | 120 | |
| vesicular basalt - red | 120 | 125 | |
| vesicular basalt | 125 | 130 | |
| basalt - dark gray to black | 130 | 156 | |
| vesicular basalt - red | 156 | 170 | |
| basalt - gray to black | 170 | 188 | |
| basalt - gray to black some glass | 188 | 190 | |
| vesicular basalt - red some glass | 190 | 203 | |
| basalt - black | 203 | 235 | |
| basalt - gray and black | 235 | 270 | |
| basalt - gray and red | 270 | 335 | |
| basalt - gray to black | 335 | 340 | |
| Vesicular basalt slightly weathered and oxidized | 340 | 355 | |
| Basalt - black w/ some green | 355 | 360 | |
| Basalt - dark gray to brown w/ red | 360 | 415 | 212.3 |
| Basalt - gray w/ some glass | 415 | 425 | |
| Vesicular basalt - slightly oxidized | 425 | 447 | |
| Basalt gray to black | 447 | 482 | 216.4 |
| | | | |
| | | | |
| | | | |
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Attachment 4

Current and Proposed Place of Use

Application for a Groundwater Registration Modification – GR 343

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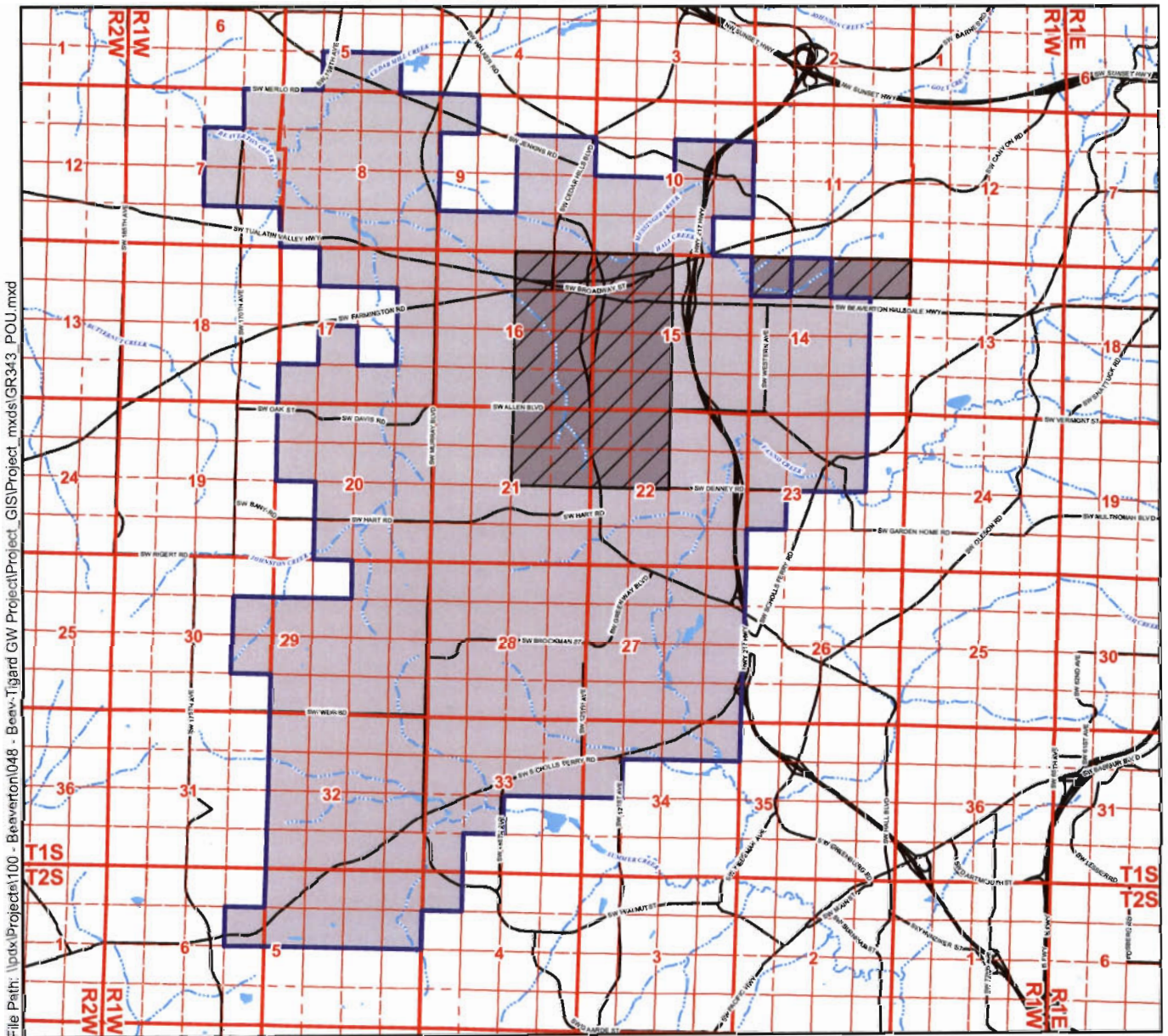
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Place of Use Groundwater Registration GR 343

City of Beaverton

Township 1 South, Range 1 West & Township 2 South, Range 1 West



File Path: \\pdx\Projects\100 - Beaverton\048 - Beav-Tigard GW Project\Project_GIS\Project_mxd\GR343_POU.mxd

Legend

- Proposed Place of Use (POU)
- Current Place of Use (POU)
- Streets
- Waterbodies
- Watercourses

Map Information

Projection: Oregon Lambert Conformal Conic
 Datum: North American 1983
 Date: November 20, 2009
 Prepared By: GSI Water Solutions, Inc.

Data Sources

Oregon Geospatial Data Clearinghouse, USDA

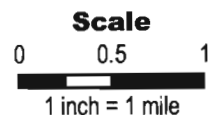
Disclaimer

This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

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Kim Grigsby

From: Kelly Starnes [starnepk@wrd.state.or.us]
Sent: Wednesday, December 03, 2008 1:58 PM
To: Kim Grigsby
Subject: RE: map scale waiver request

Categories: Print

Kim –

I have reviewed the map and the Department can accept it as part of the groundwater registration modification application.

Please include a copy of this e-mail with the map and application.

Kelly

From: Kim Grigsby [mailto:KGrigsby@GSIWaterSolutions.com]
Sent: Wednesday, December 03, 2008 10:51 AM
To: Kelly Starnes
Subject: map scale waiver request

Kelly,

As we discussed on the telephone, I am developing a groundwater registration modification for the City of Beaverton. We will be requesting a modification to the place of use to reflect the City's current service area. As you will see in the attached place of use map, the large size of the proposed place of use prevents us from meeting the standard map scales. As a result, I am requesting a waiver from the map scale requirement.

Thank you for your assistance. Please contact me if you have any questions.

Regards,
Kim

Kimberly Grigsby
Water Resources Consultant
GSI Water Solutions, Inc.
1600 Western Blvd., Suite 240
Corvallis, OR 97333
Phone: 541-753-0745 ext. 13

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| TOWNSHIP | TWP_CHAR | RANGE | RNG_CHAR | SECTION | QTR |
|----------|----------|-------|----------|---------|-------------|
| 1.00 | S | 1.00 | W | 5 | SE1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 5 | SW1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 7 | NE1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 7 | SW1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 7 | SE1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 7 | NE1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 7 | NW1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 8 | NE1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 8 | NW1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 8 | SW1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 8 | SE1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 8 | NE1/4,NW1/4 |
| 1.00 | S | 1.00 | W | 8 | NW1/4,NW1/4 |
| 1.00 | S | 1.00 | W | 8 | SW1/4,NW1/4 |
| 1.00 | S | 1.00 | W | 8 | SE1/4,NW1/4 |
| 1.00 | S | 1.00 | W | 8 | NE1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 8 | NW1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 8 | SW1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 8 | SE1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 8 | NE1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 8 | NW1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 8 | SW1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 8 | SE1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 9 | SW1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 9 | SE1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 9 | NW1/4,NW1/4 |
| 1.00 | S | 1.00 | W | 9 | SW1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 9 | SE1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 9 | NE1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 9 | NW1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 9 | SW1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 9 | SE1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 10 | SW1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 10 | SE1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 10 | NE1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 10 | NW1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 10 | SW1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 10 | SE1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 10 | NE1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 10 | NW1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 10 | SW1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 17 | NE1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 17 | NW1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 17 | SE1/4,NE1/4 |
| 1.00 | S | 1.00 | W | 17 | NE1/4,NW1/4 |
| 1.00 | S | 1.00 | W | 17 | NE1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 17 | SW1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 17 | SE1/4,SW1/4 |
| 1.00 | S | 1.00 | W | 17 | NE1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 17 | SW1/4,SE1/4 |
| 1.00 | S | 1.00 | W | 17 | SE1/4,SE1/4 |

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| | | | |
|--------|--------|----|-------------|
| 1.00 S | 1.00 W | 16 | NE1/4,NE1/4 |
| 1.00 S | 1.00 W | 16 | NW1/4,NE1/4 |
| 1.00 S | 1.00 W | 16 | SW1/4,NE1/4 |
| 1.00 S | 1.00 W | 16 | SE1/4,NE1/4 |
| 1.00 S | 1.00 W | 16 | NE1/4,NW1/4 |
| 1.00 S | 1.00 W | 16 | NW1/4,NW1/4 |
| 1.00 S | 1.00 W | 16 | SW1/4,NW1/4 |
| 1.00 S | 1.00 W | 16 | SE1/4,NW1/4 |
| 1.00 S | 1.00 W | 16 | NE1/4,SW1/4 |
| 1.00 S | 1.00 W | 16 | NW1/4,SW1/4 |
| 1.00 S | 1.00 W | 16 | SW1/4,SW1/4 |
| 1.00 S | 1.00 W | 16 | SE1/4,SW1/4 |
| 1.00 S | 1.00 W | 16 | NE1/4,SE1/4 |
| 1.00 S | 1.00 W | 16 | NW1/4,SE1/4 |
| 1.00 S | 1.00 W | 16 | SW1/4,SE1/4 |
| 1.00 S | 1.00 W | 16 | SE1/4,SE1/4 |
| 1.00 S | 1.00 W | 15 | NE1/4,NE1/4 |
| 1.00 S | 1.00 W | 15 | NW1/4,NE1/4 |
| 1.00 S | 1.00 W | 15 | SW1/4,NE1/4 |
| 1.00 S | 1.00 W | 15 | SE1/4,NE1/4 |
| 1.00 S | 1.00 W | 15 | NE1/4,NW1/4 |
| 1.00 S | 1.00 W | 15 | NW1/4,NW1/4 |
| 1.00 S | 1.00 W | 15 | SW1/4,NW1/4 |
| 1.00 S | 1.00 W | 15 | SE1/4,NW1/4 |
| 1.00 S | 1.00 W | 15 | NE1/4,SW1/4 |
| 1.00 S | 1.00 W | 15 | NW1/4,SW1/4 |
| 1.00 S | 1.00 W | 15 | SW1/4,SW1/4 |
| 1.00 S | 1.00 W | 15 | SE1/4,SW1/4 |
| 1.00 S | 1.00 W | 15 | NE1/4,SE1/4 |
| 1.00 S | 1.00 W | 15 | NW1/4,SE1/4 |
| 1.00 S | 1.00 W | 15 | SW1/4,SE1/4 |
| 1.00 S | 1.00 W | 15 | SE1/4,SE1/4 |
| 1.00 S | 1.00 W | 14 | SW1/4,NE1/4 |
| 1.00 S | 1.00 W | 14 | NE1/4,NW1/4 |
| 1.00 S | 1.00 W | 14 | SW1/4,NW1/4 |
| 1.00 S | 1.00 W | 14 | SE1/4,NW1/4 |
| 1.00 S | 1.00 W | 14 | NE1/4,SW1/4 |
| 1.00 S | 1.00 W | 14 | NW1/4,SW1/4 |
| 1.00 S | 1.00 W | 14 | SW1/4,SW1/4 |
| 1.00 S | 1.00 W | 14 | SE1/4,SW1/4 |
| 1.00 S | 1.00 W | 14 | NW1/4,SE1/4 |
| 1.00 S | 1.00 W | 14 | SW1/4,SE1/4 |
| 1.00 S | 1.00 W | 20 | NE1/4,NE1/4 |
| 1.00 S | 1.00 W | 20 | NW1/4,NE1/4 |
| 1.00 S | 1.00 W | 20 | SW1/4,NE1/4 |
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| 1.00 S | 1.00 W | 20 | NE1/4,NW1/4 |
| 1.00 S | 1.00 W | 20 | NW1/4,NW1/4 |
| 1.00 S | 1.00 W | 20 | SW1/4,NW1/4 |
| 1.00 S | 1.00 W | 20 | SE1/4,NW1/4 |
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| 1.00 S | 1.00 W | 20 | SE1/4,SW1/4 |

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| 1.00 S | 1.00 W | 23 | NW1/4,NW1/4 |
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| 1.00 S | 1.00 W | 23 | SE1/4,NW1/4 |
| 1.00 S | 1.00 W | 23 | NW1/4,SW1/4 |
| 1.00 S | 1.00 W | 30 | SE1/4,NE1/4 |
| 1.00 S | 1.00 W | 30 | NE1/4,SE1/4 |
| 1.00 S | 1.00 W | 29 | NE1/4,NE1/4 |
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| 1.00 S | 1.00 W | 29 | SW1/4,NE1/4 |
| 1.00 S | 1.00 W | 29 | SE1/4,NE1/4 |
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| 1.00 S | 1.00 W | 28 | NE1/4,NE1/4 |
| 1.00 S | 1.00 W | 28 | NW1/4,NE1/4 |
| 1.00 S | 1.00 W | 28 | SW1/4,NE1/4 |
| 1.00 S | 1.00 W | 28 | SE1/4,NE1/4 |
| 1.00 S | 1.00 W | 28 | NE1/4,NW1/4 |
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| 1.00 S | 1.00 W | 28 | NW1/4,SW1/4 |
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| 1.00 S | 1.00 W | 27 | NE1/4,NE1/4 |
| 1.00 S | 1.00 W | 27 | NW1/4,NE1/4 |
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| 1.00 S | 1.00 W | 27 | NW1/4,NW1/4 |
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| 1.00 S | 1.00 W | 27 | NE1/4,SW1/4 |
| 1.00 S | 1.00 W | 27 | NW1/4,SW1/4 |
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| 1.00 S | 1.00 W | 27 | NE1/4,SE1/4 |
| 1.00 S | 1.00 W | 27 | NW1/4,SE1/4 |
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| 1.00 S | 1.00 W | 27 | SE1/4,SE1/4 |
| 1.00 S | 1.00 W | 32 | NE1/4,NE1/4 |
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| 1.00 S | 1.00 W | 32 | NW1/4,NW1/4 |
| 1.00 S | 1.00 W | 32 | SW1/4,NW1/4 |
| 1.00 S | 1.00 W | 32 | SE1/4,NW1/4 |
| 1.00 S | 1.00 W | 32 | NE1/4,SW1/4 |
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| 1.00 S | 1.00 W | 32 | NE1/4,SE1/4 |

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| 1.00 S | 1.00 W | 33 | NW1/4,NE1/4 |
| 1.00 S | 1.00 W | 33 | SW1/4,NE1/4 |
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| 1.00 S | 1.00 W | 33 | NW1/4,NW1/4 |
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| 1.00 S | 1.00 W | 33 | NW1/4,SW1/4 |
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| 1.00 S | 1.00 W | 34 | NE1/4,NE1/4 |
| 1.00 S | 1.00 W | 34 | NW1/4,NE1/4 |
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| 1.00 S | 1.00 W | 34 | NW1/4,NW1/4 |
| 1.00 S | 1.00 W | 34 | SW1/4,NW1/4 |
| 2.00 S | 1.00 W | 6 | SE1/4,NE1/4 |
| 2.00 S | 1.00 W | 5 | NE1/4,NE1/4 |
| 2.00 S | 1.00 W | 5 | NW1/4,NE1/4 |
| 2.00 S | 1.00 W | 5 | SW1/4,NE1/4 |
| 2.00 S | 1.00 W | 5 | SE1/4,NE1/4 |
| 2.00 S | 1.00 W | 5 | NE1/4,NW1/4 |
| 2.00 S | 1.00 W | 5 | NW1/4,NW1/4 |
| 2.00 S | 1.00 W | 5 | SW1/4,NW1/4 |
| 2.00 S | 1.00 W | 5 | SE1/4,NW1/4 |
| 2.00 S | 1.00 W | 4 | NW1/4,NW1/4 |

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Water Solutions, Inc.

December 10, 2009

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

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**WATER RESOURCES DEPT
SALEM, OREGON**

RE: Groundwater Registration Modification Application for GR 343

Dear Sarah;

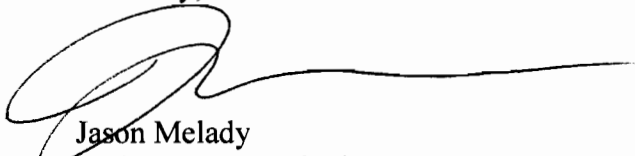
Please find enclosed a groundwater registration (GR) modification application and the necessary attachments for GR 343. Also enclosed is a check for \$500 to cover the required application fee. This application is filed on behalf of the City of Beaverton (City).

GR 343 was originally filed by the City of Beaverton, claiming a total of 1,350 gpm from two wells. The GR modification application for GR 343 requests multiple modifications. The application requests six additional points of appropriation. The proposed points of appropriation are ASR 2, ASR 3, ASR 4, ASR 5, ASR 7 and the Dernbach Well. The City also requests modification of the place of use to reflect the City's current service area.

These changes are requested in order to provide flexibility and redundancy to the City of Beaverton's municipal water production system. Many of these requested changes reflect modifications previously documented in two letters to OWRD regarding GR 343 dated April 20, 2001 and February 10, 2006.

If you have any questions regarding the enclosed applications, please call me at 503-239-8799, extension 104.

Sincerely,



Jason Melady
Project Hydrogeologist

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Enclosures: Application for Ground Water Registration Modification and attachments for GR 343
Check in the amount of \$500

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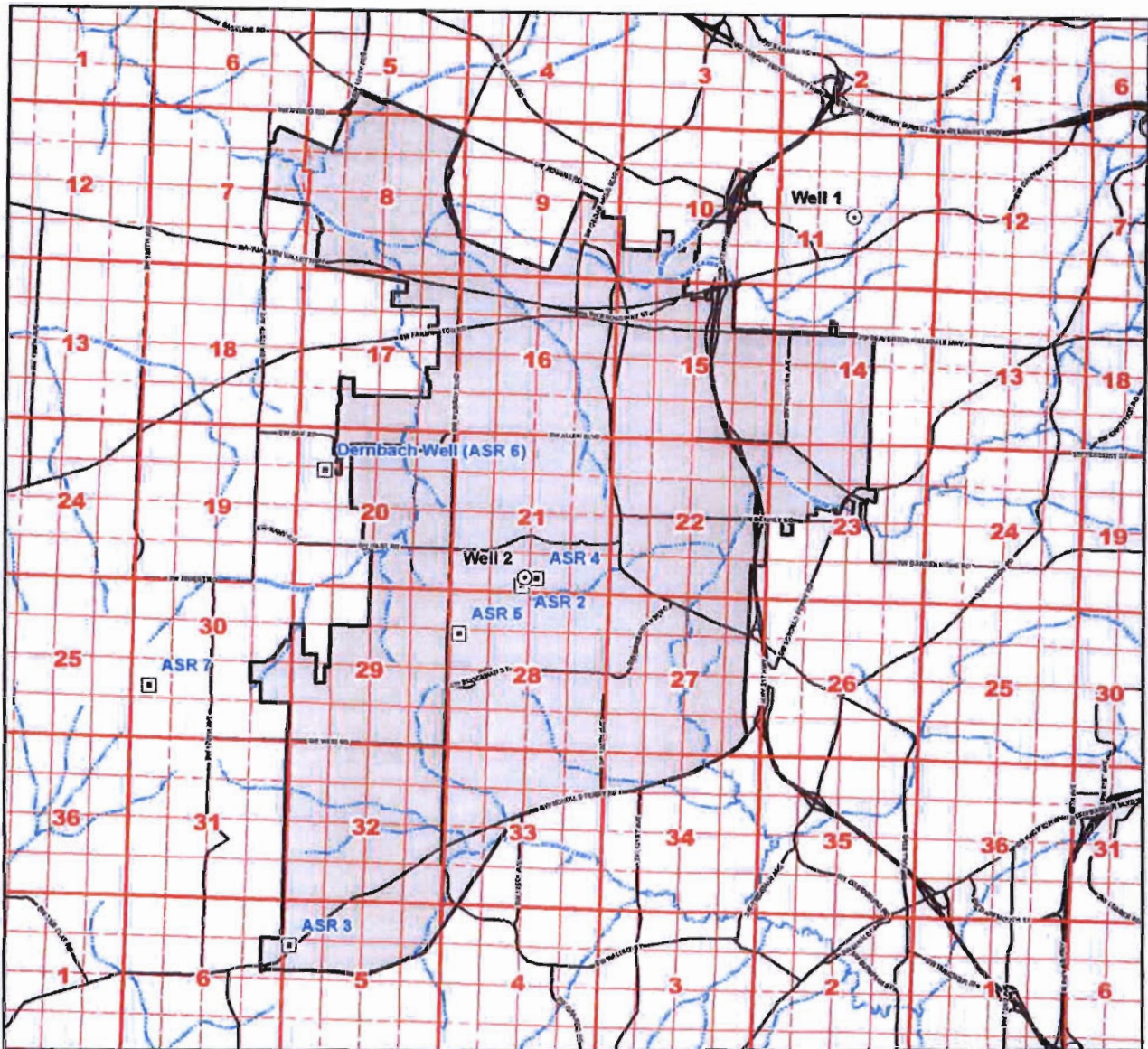
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WATER RESOURCES DEPT
SALEM, OREGON

Points of Appropriation Groundwater Registration GR 343

City of Beaverton

Township 1 South, Range 1 West & Township 2 South, Range 1 West



Legend

- ⊙ Existing Point of Appropriation (POA)
- ⊠ Proposed Point of Appropriation (POA)
- Streets
- Waterbodies
- Watercourses

Scale

1 inch = 1 mile

0 0.375 0.75 1.5

Miles



POA Legal Descriptions

- Well 1** Located 220 feet South and 2,550 feet East from the W quarter corner of Section 11, Township 1 South, Range 1 West (W.M.)
- Well 2** Located 480 feet North and 2,550 feet East from the SW corner of Section 21, Township 1 South, Range 1 West (W.M.)
- ASR 2** Located 235 feet North and 2,430 feet East from the SW corner of Section 21, Township 1 South, Range 1 West (W.M.)
- ASR 3** Located 1,180 feet North and 185 feet East from the W quarter corner of Section 5, Township 2 South, Range 1 West (W.M.)
- ASR 4** Located 480 feet North and 2,445 feet West from the SE corner of Section 21, Township 1 South, Range 1 West (W.M.)
- ASR 5** Located 1435 feet South and 335 feet East from the NW corner of Section 28, Township 1 South, Range 1 West (W.M.)
- ASR 7** Located 1750 feet North and 635 feet East from the SW corner of Section 30, Township 1 South, Range 1 West (W.M.)
- Dernbach Well (ASR 6)** Located 1360 feet South and 925 feet East from the NW corner of Section 20, Township 1 South, Range 1 West (W.M.)

Map Information

Map Projection: Oregon Lambert Conformal Conic
 Map Datum: North American 1983
 Map Date: January 14, 2009
 Prepared By: GSI Water Solutions, Inc.

Data Sources

Oregon Geospatial Data
 Clearinghouse, USDA

Note

This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.



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