

# Application for Water Right Transfer

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

## Part 1 – Minimum Requirements Checklist

### MINIMUM REQUIREMENTS CHECKLIST TO BE SUBMITTED WITH APPLICATION FOR TRANSFER

The application will be returned if all required attachments are not included.

#### FOR ALL TRANSFER APPLICATIONS

- Minimum Requirements Checklist – Part 1
- Map Checklist– Part 2
- Map
- Transfer Application Part 3
- Transfer Application Part 4 (include a separate Part 4 for each water right)
- Evidence of Use Affidavit and supporting documentation
- Land Use Information Form with approval and signature **\*\*Delivery receipt enclosed\*\***
- Fees - Amount enclosed: \$2,550.00  
See the Department's Fee Schedule at [www.wrd.state.or.us](http://www.wrd.state.or.us) or call (503) 986-0900.
- Affidavit(s) of Consent  Not applicable (N/A)
- For water rights in the name of an irrigation district – Supplemental Form D  N/A
- For Changes Affecting Ground Water - Water Well Report(s)/Well Log(s)  N/A

#### Temporary Transfer

- Recorded Deed - current deed of record for the land **from** which the authorized place of use or point of diversion/appropriation is being moved
- Specify number of years (1 to 5) \_\_\_\_\_  
(for temporary transfers in the Deschutes River Basin, up to 25 years)

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#### Instream Water Right Transfer

- Supplemental Form C – to describe the desired nature and attributes for proposed instream right

(for staff use only)

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

- Application fee not enclosed
- Land Use Form not enclosed or complete
- Additional signature(s) required
- Other/Explanation \_\_\_\_\_
- Map not included or incomplete
- Part \_\_\_\_\_ is incomplete

Staff: \_\_\_\_\_

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

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# Application for Water Right

## Transfer

### Part 2 – Map Checklist

#### Map Checklist

#### To Be Submitted With Transfer Application

Please be sure that the map you submit includes ALL the items listed below and matches the existing water right map.

**Your application WILL BE RETURNED if any of these requirements are not met.**

- Certified Water Right Examiner (CWRE) Stamp and Original Signature  
[http://www1.wrd.state.or.us/pdfs/cwre\\_listing.pdf](http://www1.wrd.state.or.us/pdfs/cwre_listing.pdf) (not required for temporary changes, historic point of diversion changes, and substitutions)

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- A north arrow, a legend, and scale.

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- Township, Range, Section Quarter-Quarter, DLC and Government lot.

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- Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.

- Permanent quality with dark ink on white or clear paper or film.

- The size of the map can be 8-1/2" x 11", 8-1/2" x 14", or up to 30"x 30" if you include three (3) copies and an electronic .PDF document of the map.

- The scale of the map must be: 1" = 400 feet, 1" = 1320 feet, the scale of the Final Proof Map (the map used when the permit was certificated), the scale of the county assessor map if the scale is not smaller than 1" = 1,320 feet, or a scale that has been pre-approved by the Department.

- If more than three water rights are involved, separate maps for each water right.

- Existing place of use that includes separate hachuring for each water right, priority date and use including number of acres per quarter-quarter. If less than the entirety of the water right is being changed, a separate hachuring for lands left unchanged.

- Proposed place of use that includes separate hachuring for each water right, priority date and use including number of acres per quarter-quarter.

- Existing diversion point(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water right certificate or permit.

- If you are proposing a change in point of diversion or well, show the proposed location and label it clearly with bearing or coordinates. If GPS coordinates are used please refer to additional requirements in OAR 690-380-3100(1)(h).

- Delivery system(s) including features such as pipelines, canals, ditches, and pumps.  
**\*\*Conveyance system piping is within the buildings\*\* - See Attachment 3**

- Tax lot boundaries (property lines) are required. Tax lot numbers are helpful.

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# Application for Water Right

# Transfer

## Part 3 – Basic Information

### Applicant Information

APPLICANT/BUSINESS NAME <i>Portland State University, ATTN: Richard Koontz</i>		PHONE NO. <i>503-725-5534</i>	FAX NO. <i>503-725-4329</i>
ADDRESS <i>Facilities and Planning, PO Box 751</i>			
CITY <i>Portland</i>	STATE <i>Oregon</i>	ZIP <i>97207</i>	EMAIL <i>rek@pdx.edu</i>

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

AGENT/BUSINESS NAME <i>Ted Ressler, RG, CWRE – GSI Water Solutions, Inc.</i>		PHONE NO. <i>503-239-8799</i>	FAX NO. <i>503-239-8799</i>
ADDRESS <i>55 SW YAMHILL STREET, SUITE 400</i>			
CITY <i>Portland</i>	STATE <i>OR</i>	ZIP <i>97204</i>	EMAIL <i>tressler@gsiwatersolutions.com</i>

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.
- Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

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Are you the sole owner of the land on which the water right is located?  Yes  No

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If NO, include signatures of all landowners or attach affidavits of consent from all landowners.

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Permanent Transfers Only

By signing this application, I understand that, upon receipt of the draft preliminary determination and prior to Department approval of the transfer, I will be required to provide landownership information and evidence that I am authorized to pursue the transfer as identified in OAR 690-380-4010(5); or

I 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 am providing documentation that the applicant is an entity with the authority to condemn property and is acquiring by condemnation the property to which the water right proposed for transfer is appurtenant.



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

*Richard Koontz*  
Applicant signature

*Richard Koontz Systems Supervisor 1/28/2010*  
Name and title if applicable (print) Date

\_\_\_\_\_  
Applicant signature

\_\_\_\_\_  
Name and title if applicable (print) Date

In your own words tell us what changes you want made to this water right

For Certificate 35590, PSU is proposing to use a different well completed in the same aquifer to pump groundwater for the same use (air conditioning/cooling) at a different PSU building. For Certificate 44645, the applicant is proposing to add two additional wells completed in the same aquifer to pump groundwater for the same use at additional PSU buildings.

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Check one of the following:

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant and applicant's agent.
- The transfer application is being assigned to a receiving landowner who will be responsible for completing the proposed change(s) after the final order is issued. All notices and correspondence should be sent to this landowner.

RECEIVING LANDOWNER NAME		PHONE NO.	FAX NO.
ADDRESS			
CITY	STATE	ZIP	EMAIL

- Check here if any of the water rights proposed for transfer will be located within or served by an irrigation or other water district before or after the transfer.

IRRIGATION DISTRICT NAME	ADDRESS		
CITY	STATE	ZIP	

- Check here if water for any of the rights supplied under a water service agreement or other contract for stored water 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 <i>City of Portland</i>	ADDRESS <i>1221 SW 4th Avenue</i>		
CITY <i>Portland</i>	STATE <i>OR</i>	ZIP <i>97204</i>	

ENTITY NAME <i>Multnomah County</i>	ADDRESS <i>1221 SW 4th Avenue</i>		
CITY <i>Portland</i>	STATE <i>OR</i>	ZIP <i>97204</i>	

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# Application for Water Right Transfer

## Part 4 – Water Right Information

Please use additional pages of Part 4 if there are additional water rights being changed

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PROPOSED CHANGE(S) TO CERTIFICATE # 35590

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### Description of Water Delivery System

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System capacity: 1.08 cubic feet per second (cfs) (Design capacity of well pump – Attachment 5)

Describe the current water delivery system or the system that was in place at some time within the last 5 years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use.

Groundwater is appropriated from the Troutdale Gravel Aquifer using POA 1 (see Table 1 below) and is used in an open-loop ground source heat pump exchange system used for cooling at the Portland State University Engineering Building. A 30-Hp pump (1.08 cfs capacity) is used to appropriate the groundwater and is conveyed directly to the heat pump exchange system (2.23 cfs capacity).

**Table 1. Location of Point(s) of Diversion (POD) or Appropriation (POA)**

Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or Proposed?	If Ground Water, OWRD Well Log ID# (or Well ID Tag# L-___)	TWP	RNG	SEC	¼ ¼	Tax Lot, DLC or Gov't Lot	Survey Coordinates (coordinates from a recognized survey corner)
POA 1	<input checked="" type="checkbox"/> Auth <input type="checkbox"/> Prop	MULT 2743	1 S	1 E	3	NW SW	DLC 48	687 feet South and 395 feet East from the West quarter corner of Section 3
SB2 Supply Well 1	<input type="checkbox"/> Auth <input checked="" type="checkbox"/> Prop	Not drilled	1 S	1 E	4	SE NE	DLC 48	169 feet North and 1,091 feet West from the East quarter corner of Section 4
SB2 Supply Well 2	<input type="checkbox"/> Auth <input checked="" type="checkbox"/> Prop	Not drilled	1 S	1 E	4	SE NE	DLC 48	392 feet North and 1,148 feet West from the East quarter corner of Section 4

\*NOTE: The location of the authorized POA (POA 1) has been re-described from that stated on Certificate 35590

### Will Entire Water Right Be Affected?

If YES, complete the proposed (“to” lands) section of Table 2 and check all that apply:

- |                                                                           |                                                                       |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Place of Use (POU)                    | <input type="checkbox"/> Type of Use (USE)                            |
| <input type="checkbox"/> Instream (involves USE & POU change)             | <input type="checkbox"/> Supplemental Use to Primary Use (S to P)     |
| <input type="checkbox"/> Point of Diversion (POD)                         | <input checked="" type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD)             | <input type="checkbox"/> Additional Point of Appropriation (APOA)     |
| <input type="checkbox"/> Historic POD (HPOD)                              | <input type="checkbox"/> Substitution (SUB)                           |
| <input type="checkbox"/> Surface water POD to Ground Water POA (SW to GW) | <input type="checkbox"/> Government Action POD (GOV)                  |

If NO, complete all of Table 2 to describe the portion of the water right to be changed. Use the CODES above for describing the proposed changes in Table 2.

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Please use additional pages of Table 2 as needed

**Table 2. Description of Changes to Water Right Certificate** 35590

List only the part of the right that will be changed. For the acreage in each 1/4 1/4, check the change proposed. If more than one change, specify the acreage associated with each change. If more than one POD/POA, specify the acreage associated with each POD/POA.

Authorized ("from" lands) as they appear BEFORE THE CHANGES						Proposed ("to" lands) AFTER THE CHANGES														
Twp	Rng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acreage (if applicable)	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Proposed Changes (use codes from p.5)	Twp	Rng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acreage (if applicable)	New Type of USE	POD(s)/POA(s) to be used
											IS	IE	4	SE	NE	ISTE04AD 8700 & 8900	DLC 48	N/A	N/A	SB2 Supply Well 1 and SB2 Supply Well 2
TOTAL ACRES						TOTAL ACRES						TOTAL ACRES								
						N/A						N/A								

Additional remarks: The applicant is proposing to transfer the full authorized rate of 0.67 cfs (301 gpm) from the POA and POU described on Certificate 35590 to the two new POAs and the new POU described in Table 2 above. The water will be appropriated from the same aquifer and will be used for the same use (industrial use for air conditioning/cooling) at a different Portland State University building (e.g., Science Building 2).

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**For Place of Use or Character of Use Changes Only**

Are there other water rights certificates, permits or ground water registrations associated with the "from" or the "to" lands? **Yes, however the water rights are not layered irrigation rights**

If yes, what are the certificate, permit, or registration numbers? Permit G-15531



Pursuant to ORS 540.510, any "layered" water use or a right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled.

**For Temporary Transfers**

Specify the number of years \_\_\_\_\_

**For Substitution**

Ground water supplemental certificate # \_\_\_\_\_ Surface water primary certificate # \_\_\_\_\_

**For Supplemental Use to Primary Use**

Primary certificate # to be cancelled \_\_\_\_\_

**For Changes that Involve Ground Water Source(s)**

You must either:

- A. Supply a copy of the well log(s) for each well that is clearly labeled and associated with the corresponding well in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department's web page at:  
[http://apps2.wrd.state.or.us/apps/gw/well\\_log/Default.aspx](http://apps2.wrd.state.or.us/apps/gw/well_log/Default.aspx)

**or**

- B. Fill out the following table. Describe the construction of well in Table 3 for any wells that do not have a well log.

**Table 3. Construction of Point(s) of Appropriation**

Wells in this listing must be clearly tied to corresponding well location(s) described in Table 1 and shown on the accompanying application map.

Proposed or Authorized POA Number	Is well already built? (Yes or No)	If an existing well, OWRD 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
<i>POA 1</i>	<i>Yes</i>	<i>MULT 2743</i>	<i>Refer to Attachment 4</i>								
<i>SB2 Supply Well 1</i>	<i>No</i>	<i>N/A</i>	<i>16-inch borehole (est)</i>	<i>12-inch LCS (est)</i>	<i>210' (est)</i>	<i>205' to 240' (est)</i>	<i>140' (est)</i>	<i>130' (est)</i>	<i>105' (est)</i>	<i>3/4" port minimum</i>	<i>250' (est)</i>
<i>SB2 Supply Well 2</i>	<i>No</i>	<i>N/A</i>	<i>16-inch borehole (est)</i>	<i>12-inch LCS (est)</i>	<i>210' (est)</i>	<i>205' to 240' (est)</i>	<i>140' (est)</i>	<i>130' (est)</i>	<i>105' (est)</i>	<i>3/4" port minimum</i>	<i>250' (est)</i>

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# Application for Water Right Transfer

## Part 4 – Water Right Information

Please use additional pages of Part 4 if there are additional water rights being changed.

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PROPOSED CHANGE(S) TO CERTIFICATE # 44645

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### Description of Water Delivery System

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System capacity: 0.96 cubic feet per second (cfs) (Design capacity of well pump – Attachment 5)

Describe the current water delivery system or the system that was in place at some time within the last 5 years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use.

Groundwater is appropriated from the Troutdale Gravel Aquifer using Well 2 (see Table 1 below) and supplied to a heat exchanger system used to chill water for air conditioning at several Portland State University buildings. A 20-Hp pump (0.96 cfs capacity) is used to appropriate the groundwater, and then the water is conveyed to a settling tank which feeds the heat exchange system (2.56 cfs capacity).

### Table 1. Location of Point(s) of Diversion (POD) or Appropriation (POA)

Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or Proposed?	If Ground Water, OWRD Well Log ID# (or Well ID Tag# L-___)	TWP	RNG	SEC	¼ ¼	Tax Lot, DLC or Gov't Lot	Survey Coordinates (coordinates from a recognized survey corner)
Well 2	<input checked="" type="checkbox"/> Auth <input type="checkbox"/> Prop	MULT 2749	1 S	1 E	4	SE NE	DLC 48	247 feet North and 492 feet West from the East quarter corner of Section 4
SB2 Supply Well 1	<input type="checkbox"/> Auth <input checked="" type="checkbox"/> Prop	Not drilled	1 S	1 E	4	SE NE	DLC 48	169 feet North and 1,091 feet West from the East quarter corner of Section 4
SB2 Supply Well 2	<input type="checkbox"/> Auth <input checked="" type="checkbox"/> Prop	Not drilled	1 S	1 E	4	SE NE	DLC 48	392 feet North and 1,148 feet West from the East quarter corner of Section 4

\*NOTE: The location of the authorized POA (POA 1) has been re-described from that stated on Certificate 35590

### Will Entire Water Right Be Affected?

If YES, complete the proposed (“to” lands) section of Table 2 and check all that apply:

- |                                                                           |                                                                              |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Place of Use (POU)                    | <input type="checkbox"/> Type of Use (USE)                                   |
| <input type="checkbox"/> Instream (involves USE & POU change)             | <input type="checkbox"/> Supplemental Use to Primary Use (S to P)            |
| <input type="checkbox"/> Point of Diversion (POD)                         | <input type="checkbox"/> Point of Appropriation/Well (POA)                   |
| <input type="checkbox"/> Additional Point of Diversion (APOD)             | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Historic POD (HPOD)                              | <input type="checkbox"/> Substitution (SUB)                                  |
| <input type="checkbox"/> Surface water POD to Ground Water POA (SW to GW) | <input type="checkbox"/> Government Action POD (GOV)                         |

If NO, complete all of Table 2 to describe the portion of the water right to be changed. Use the CODES above for describing the proposed changes in Table 2.

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Please use additional pages of Table 2 as needed

**Table 2. Description of Changes to Water Right Certificate** 44645

List only the part of the right that will be changed. For the acreage in each 1/4 1/4, check the change proposed. If more than one change, specify the acreage associated with each change. If more than one POD/POA, specify the acreage associated with each POD/POA.

Authorized ("from" lands) as they appear BEFORE THE CHANGES						Proposed ("to" lands) AFTER THE CHANGES												
Twp	Rng	Sec	1/4	Tax Lot	Gvt Lot or DLC	Acreage (if applicable)	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Proposed Changes (use codes from p.5)	Twp	Rng	Sec	1/4	Tax Lot	Gvt Lot or DLC	Acreage (if applicable)	New Type of USE	POD(s)/POA(s) to be used
										IS	IE	4	SE NE	ISIE04AD 7600	DLC 46	N/A		Well 2, SB2 Supply Well 1, SB2 Supply Well 2
										IS	IE	4	SE NE	ISIE04AD 7600, 8500, 8700, 8900	DLC 48	N/A		Well 2, SB2 Supply Well 1, SB2 Supply Well 2
TOTAL ACRES																N/A	N/A	

Additional remarks: The authorized point of appropriation (Well 2) is used to supply water for a heat exchange system used for cooling several Portland State University buildings. The applicant is proposing to add two additional points of appropriation (SB2 Supply Well 1 and SB2 Supply Well 2) to supply water from the same aquifer for an additional heat exchange system in a different Portland State University building. The applicant will use the three (3) POAs to cumulatively appropriate the full 0.8 cfs (359 gpm) for the same use (industrial use water air conditioning/cooling) authorized by the water right.

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**For Place of Use or Character of Use Changes Only**

Are there other water rights certificates, permits or ground water registrations associated with the "from" or the "to" lands?

If yes, what are the certificate, permit, or registration numbers? Permit G-11831



*Pursuant to ORS 540.510, any "layered" water use or a right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled.*

**For Temporary Transfers**

Specify the number of years \_\_\_\_\_

**For Substitution**

Ground water supplemental certificate # \_\_\_\_\_ Surface water primary certificate # \_\_\_\_\_

**For Supplemental Use to Primary Use**

Primary certificate # to be cancelled \_\_\_\_\_

**For Changes that Involve Ground Water Source(s)**

You must either:

- A. Supply a copy of the well log(s) for each well that is clearly labeled and associated with the corresponding well in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department's web page at:  
[http://apps2.wrd.state.or.us/apps/gw/well\\_log/Default.aspx](http://apps2.wrd.state.or.us/apps/gw/well_log/Default.aspx)

**or**

- B. Fill out the following table. Describe the construction of well in Table 3 for any wells that do not have a well log.

**Table 3. Construction of Point(s) of Appropriation**

Wells in this listing must be clearly tied to corresponding well location(s) described in Table 1 and shown on the accompanying application map.

Proposed or Authorized POA Number	Is well already built? (Yes or No)	If an existing well, OWRD 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
<i>Well 2</i>	<i>Yes</i>	<i>MULT 2749</i>	<i>Refer to Attachment 4</i>								
<i>SB2 Supply Well 1</i>	<i>No</i>	<i>N/A</i>	<i>16-inch borehole (est)</i>	<i>12-inch LCS (est)</i>	<i>210' (est)</i>	<i>205' to 240' (est)</i>	<i>140' (est)</i>	<i>130' (est)</i>	<i>105' (est)</i>	<i>3/4" port minimum</i>	<i>250' (est)</i>
<i>SB2 Supply Well 2</i>	<i>No</i>	<i>N/A</i>	<i>16-inch borehole (est)</i>	<i>12-inch LCS (est)</i>	<i>210' (est)</i>	<i>205' to 240' (est)</i>	<i>140' (est)</i>	<i>130' (est)</i>	<i>105' (est)</i>	<i>3/4" port minimum</i>	<i>250' (est)</i>

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