



Water Solutions, Inc.

March 11, 2014

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

RE: Application for a Permit to Use Surface Water in the Name of the City of Beaverton

Tim
Dear Mr. Wallin:

The enclosed application for a permit to appropriate surface water, and supporting materials, are being submitted on behalf of the City of Beaverton (City). Also enclosed is the required application fee of \$11,450, which was calculated as follows:

\$ 800 – Base fee
\$10,200 – Rate fee of \$300/cfs (or fraction) (34 x 300)
\$ 450 – Permit recording fee

Total = \$11,450

The City is requesting a permit to appropriate up to 33.7 cfs from the Willamette River for municipal purposes. The requested place of use is the City's service area.

If you have any questions about the enclosed materials, please contact. My telephone number is 543-257-9004.

Sincerely,

Kimberly Grigsby
Senior Water Resources Consultant

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WATER RESOURCES DEPT
SALEM, OREGON

Cc: David Winship, City of Beaverton

Enclosure

Application for a Permit to Use Surface Water



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-8900
www.wrd.state.or.us

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Water-Use Permit Application Processing

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1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050 (www.oregon.gov/owrd/law.owrd). The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$200. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

3. Public Notice

Within 7 days of the mailing of the initial review, the Department gives public notice of the application in the weekly notice published by the Department at www.oregon.gov/owrd. The public comment period is 30 days from publication in the weekly notice.

4. Proposed Final Order Issued

The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the IR, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$300.00 for the applicant and \$600.00 for non-applicants. Protests are filed on approximately 10% of Proposed Final Orders. If a protest is filed the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

6. Final Order Issued

If no protests are filed, the Department can issue a Final Order within 60 days of the close of the period for receiving protest. If the application is approved, a permit is issued. The permit specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate.

Application for a Permit to Use Surface Water



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

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SECTION 1: APPLICANT INFORMATION AND SIGNATURE

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SALEM, OREGON

Applicant Information

NAME <u>Denny Doyle</u>		PHONE (HM) <u>503 526 2481</u>	
PHONE (WK) <u>503 526 2481</u>	CELL	FAX <u>503 526 2571</u>	
ADDRESS <u>4755 SW Griffith Drive</u>			
CITY <u>Beaverton</u>	STATE <u>OR</u>	ZIP <u>97076</u>	E-MAIL * <u>didoyle@beavertonoregon.gov</u>

Organization Information

NAME City of Beaverton, ATTENTION DAVID WINSHIP		PHONE 503 526-2342	FAX
ADDRESS PO BOX 4755, 4755 SW GRIFFITH DRIVE		CELL	
CITY Beaverton	STATE OR	ZIP 97076	E-MAIL * DWINSHIP@BEAVERTONOREGON.GOV

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

AGENT / BUSINESS NAME GSI Water Solutions, Inc.		PHONE 541-753-0745	FAX
ADDRESS 1600 SW Western Blvd, Suite 240		CELL	
CITY Corvallis	STATE OR	ZIP 97333	E-MAIL *

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- The Department encourages all applicants to wait for a permit to be issued before beginning construction of any proposed diversion. Acceptance of this application does not guarantee a permit will be issued.
- If I begin construction prior to the issuance of a permit, I assume all risks associated with my actions.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water right holders to get water to which they are entitled.

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

Denny Doyle
Applicant Signature

Denny Doyle, Mayor
Print Name and title if applicable

12/23/13
Date

Applicant Signature

Print Name and title if applicable

Date

App. No. <u>5-87964</u>	For Department Use	Date
Permit No.		

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

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☐ Yes

☐ There are no encumbrances.

☐ This land is encumbered by easements, rights of way, roads or other encumbrances.

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☒ No – This application is being filed by a public corporation pursuant to ORS 537.211(6).

☐ I have a recorded easement or written authorization permitting access.

☐ I do not currently have written authorization or easement permitting access.

☐ Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).

☐ Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (*attach additional sheets if necessary*).

N/A – Applicant is a public corporation.

You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map. – See Attachment B for legal description of property where water is to be diverted. Applicant is a public corporation and is filing this application pursuant to ORS 537.211(6).

SECTION 3: SOURCE OF WATER

A. Proposed Source of Water

Provide the commonly used name of the water body from which water will be diverted, and the name of the stream or lake it flows into. If unnamed, say so:

Source 1: Willamette R.

Tributary to: Columbia R.

Source 2: _____

Tributary to: _____

Source 3: _____

Tributary to: _____

Source 4: _____

Tributary to: _____

If any source listed above is stored water that is authorized under a water right permit, certificate, or decree, attach a copy of the document or list the document number (for decrees, list the volume, page and/or decree name).

B. Applications to Use Stored Water N/A – Applicant is not requesting a permit to use stored water.

Do you, or will you, own the reservoir(s) described in item 3A above?

☐ Yes.

☐ No. (Please enclose a copy of your written notification to the operator of the reservoir of your intent to file this application, which you should have already mailed or delivered to the operator.)

If *all* sources listed in item 3A are stored water, the Department will review your application using the expedited process provided in ORS 537.147, unless you check the box below. Please see the instruction booklet for more information.

☐ By checking this box, you are requesting that the Department process your application under the standard process outlined in ORS 537.150 and 537.153, rather than the expedited process provided by ORS 537.147. To file an application under the standard process, you must enclose the following:

- A copy of a signed non-expired contract or other agreement with the owner of the reservoir (if not you) to impound the volume of water you propose to use in this application.
- A copy of your written agreement with the party (if any) delivering the water from the reservoir to you.

SECTION 4: WATER USE

Provide the amount of water you propose to use from each source, for each use, in cubic feet-per-second (cfs) or gallons-per-minute (gpm). If the proposed use is from storage, provide the amount in acre-feet (af):

(1 cfs equals 448.8 gpm. 1 acre-foot equals 325,851 gallons or 43,560 cubic feet)

SOURCE	USE	PERIOD OF USE	AMOUNT
Willamette R.	Municipal	Year-round	33.7 ☒ cfs ☐ gpm ☐ af
			☐ cfs ☐ gpm ☐ af
			☐ cfs ☐ gpm ☐ af
			☐ cfs ☐ gpm ☐ af

For irrigation use only: N/A – Applicant does not request the use of water for irrigation purposes.
Please indicate the number of primary and supplemental acres to be irrigated.

Primary: _____ Acres Supplemental: _____ Acres

List the Permit or Certificate number of the underlying primary water right(s): _____

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: _____

- If the use is **municipal or quasi-municipal**, attach **Form M – See Attachment D.**
- If the use is **domestic**, indicate the number of households: _____
- If the use is **mining**, describe what is being mined and the method(s) of extraction:

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SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your source?

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☒ Pump (give horsepower and type): It is anticipated that pumps will be used to divert water, however, the specific number, type, specifications and configuration of the pumps are yet to be determined.

☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water.

The design and configuration of the diversion works and conveyance system has not yet been determined.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)

N/A – Application is for municipal purposes.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to public uses of affected surface waters.

The City of Beaverton has an approved water management and conservation plan (WMCP) that describes the various conservation measures it will implement. The City understands that issuance of the requested permit will likely include a requirement to update its WMCP within a prescribed period of time.

SECTION 6: RESOURCE PROTECTION

In granting permission to use water from a stream or lake, the state encourages, and in some instances requires, careful control of activities that may affect the waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

- ☒ Diversion will be screened to prevent uptake of fish and other aquatic life.
Describe planned actions: If the design of the diversion requires fish screening and/or bypass, the Applicant will install fish screening and/or provide bypass that complies with all applicable state and federal requirements.
- ☒ Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas.
Describe planned actions: During construction, any excavation or clearing of banks will be kept to a minimum. Any necessary removal/fill permits or other state or federal authorizations will be obtained. Use of water under this permit will not require excavation or clearing of banks.
- ☒ Operating equipment in a water body will be managed and timed to prevent damage to aquatic life.
Describe: Any in-water work conducted during construction will occur in compliance with the applicable in-water work periods. Use of water under this permit will not require operating equipment in a water body.
- ☒ Water quality will be protected by preventing erosion and run-off of waste or chemical products.
Describe: During construction, water quality will be protected by preventing erosion and run-off. Use of water under the permit will not cause erosion or run-off of waste or chemical products.

SECTION 7: PROJECT SCHEDULE

Date construction will begin: Within 20 years from the date on which the permit is issued.

Date construction will be completed: Within 20 years from the date on which the permit is issued.

Date beneficial water use will begin: Within 20 years from the date on which the permit is issued.

SECTION 8: WITHIN A DISTRICT – N/A

☐ Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

SECTION 9: REMARKS

Use this space to clarify any information you have provided in the application.

The City is requesting a water use permit that will allow the City to meet its projected peak day demand of 33.7 cfs in 2034, and to provide it with a redundant source of supply in the near term. In the longer term, the City will use this water supply to meet its customer's demands.

The City currently obtains its water supply from the Joint Water Commission (JWC). The City also uses aquifer storage and recovery (ASR) to store a portion of the JWC-supplied water to augment JWC supply during periods of peak demand. The City's portion of the transmission line capacity from the JWC water treatment plant is currently limited to 21.6 cfs (14 mgd). The City's current firm reliable long-term ASR capacity during peak demand periods late in the recovery season is 5.1 cfs (3.3 mgd). Since the City's current supply capacity is 26.7 cfs (17.3 mgd) ($21.6 + 5.1 = 26.7$), it will require additional water supply of 7 cfs by 2034 to meet its projected peak day demand of 33.7 cfs ($33.7 - 26.7 = 7.0$). In addition, the City is seeking an additional 26.7 cfs for supply redundancy in the event that its existing water supply is not available due to surface water or groundwater contamination, seismic events that disrupt stored water or transmission, mechanical failures, or other event that could limit or interrupt supply from the JWC. For this reason, the City is requesting a permit for 33.7 cfs to meet its projected additional demand of 7 cfs by 2034 and for a redundant supply of 26.7 cfs ($7 + 26.7 = 33.7$).

The City is requesting a permit to serve water within the City's service area.

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SALEM, OREGON

Date _____

(For staff use only)



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

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

- ☐ SECTION 1: _____
- ☐ SECTION 2: _____
- ☐ SECTION 3: _____
- ☐ SECTION 4: _____
- ☐ SECTION 5: _____
- ☐ SECTION 6: _____
- ☐ SECTION 7: _____
- ☐ SECTION 8: _____
- ☐ SECTION 9: _____
- ☐ Land Use Information Form _____
- ☐ Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.
- ☐ Fees _____

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MAP

- ☐ Permanent quality and drawn in ink
- ☐ Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
- ☐ North Directional Symbol
- ☐ Township, Range, Section, Quarter/Quarter, Tax Lots
- ☐ Reference corner on map
- ☐ Location of each well, and/or dam if applicable, by reference to a recognized public land survey corner (distances north/south and east/west)
- ☐ Indicate the area of use by Quarter/Quarter and tax lot clearly identified
- ☐ Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
- ☐ Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)
- ☐ Other _____

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Attachment A

Land Use Information Forms

Application for a Permit to Use Surface Water – City of Beaverton

8-87964

Land Use Information Form



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

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NOTE TO APPLICANTS

WATER RESOURCES DEPT
SALEM, OREGON

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/water

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Applicant(s): City of Beaverton, Attention: David Winship

Mailing Address: PO BOX 4755, 4755 SW GRIFFITH DRIVE

City: Beaverton

State: OR

Zip Code: 97076

Daytime Phone: 503 526-2342

WATER RESOURCES DEPT
SALEM, OREGON

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
<u>See attached map</u>					_____	☐ Diverted	☐ Conveyed	☒ Used	<u>Municipal</u>
_____	_____	_____	_____	_____	_____	☐ Diverted	☐ Conveyed	☐ Used	_____
_____	_____	_____	_____	_____	_____	☐ Diverted	☐ Conveyed	☐ Used	_____
_____	_____	_____	_____	_____	_____	☐ Diverted	☐ Conveyed	☐ Used	_____

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

City of Beaverton

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- ☒ Permit to Use or Store Water ☐ Water Right Transfer ☐ Permit Amendment or Ground Water Registration Modification
☐ Limited Water Use License ☐ Allocation of Conserved Water ☐ Exchange of Water

Source of water: ☐ Reservoir/Pond ☐ Ground Water ☒ Surface Water (name) Willamette River

Estimated quantity of water needed: up to 33.7 ☒ cubic feet per second ☐ gallons per minute ☐ acre-feet

Intended use of water: ☐ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for _____ household(s)
☒ Municipal ☐ Quasi-Municipal ☐ Instream ☐ Other _____

Briefly describe:

The City of Beaverton is seeking a new water use permit for the use of surface water from the Willamette River for municipal purposes.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

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For Local Government Use Only

WATER RESOURCES DEPT
SALEM, OREGON

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

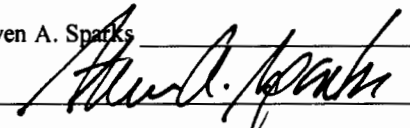
- ☒ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s):
- ☐ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

The proposed use of water for municipal purposes is allowed outright.

In the future, individual land uses (and any associated infrastructure/construction) associated with the proposed water use permit will be reviewed on a case-by-case basis. To ensure the proposed use of water remains consistent with the City's comprehensive land use plan, any water use permit issued by OWRD should be conditioned to require that the use of water be consistent with all applicable state and local land use regulations.

Name: Steven A. Sparks Title: Planning Manager
Signature:  Phone: (503) 526-2429 Date: 3-6-14
Government Entity: City of Beaverton

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____
City or County: _____ Staff contact: _____
Signature: _____ Phone: _____ Date: _____

S-87964

Land Use Information Form



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

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WATER RESOURCES DEPT
SALEM, OREGON

NOTE TO APPLICANTS

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This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and **all** of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; **and**
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

Land Use Information Form



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

Applicant(s): City of Beaverton, Attention: David Winship

Mailing Address: PO BOX 4755, 4755 SW GRIFFITH DRIVE

City: Beaverton

State: OR

Zip Code: 97076

Daytime Phone: 503 526-2342

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
<u>See attached map</u>					_____	☐ Diverted	☒ Conveyed	☐ Used	<u>Municipal</u>
_____	_____	_____	_____	_____	_____	☐ Diverted	☐ Conveyed	☐ Used	_____
_____	_____	_____	_____	_____	_____	☐ Diverted	☐ Conveyed	☐ Used	_____
_____	_____	_____	_____	_____	_____	☐ Diverted	☐ Conveyed	☐ Used	_____

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Washington County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- ☒ Permit to Use or Store Water ☐ Water Right Transfer ☐ Permit Amendment or Ground Water Registration Modification
☐ Limited Water Use License ☐ Allocation of Conserved Water ☐ Exchange of Water

Source of water: ☐ Reservoir/Pond ☐ Ground Water ☒ Surface Water (name) Willamette River

Estimated quantity of water needed: up to 33.7 ☒ cubic feet per second ☐ gallons per minute ☐ acre-feet

Intended use of water: ☐ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for _____ household(s)
☒ Municipal ☐ Quasi-Municipal ☐ Instream ☐ Other _____

Briefly describe:

The City of Beaverton is seeking a new water use permit for the use of surface water from the Willamette River for municipal purposes.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

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The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

WATER RESOURCES DEPT
SALEM, OREGON

- ☒ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s):
- ☐ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

The proposed use is allowed outright. *Water rights are not regulated by the Comm. Dev. Code*

In the future, individual land uses (and any associated infrastructure/construction) associated with the proposed water use permit will be reviewed on a case-by-case basis. To ensure the proposed use of water remains consistent with the County's comprehensive land use plan, any water use permit issued by OWRD should be conditioned to require that the use of water be consistent with all applicable state and local land use regulations.

Name: Jerry Lawler Title: Senior Planner
 Signature: Jerry Lawler Phone: 503-846-3846 Date: 03-04-14
 Government Entity: ☒ Washington County

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

Land Use Information Form



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

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WATER RESOURCES DEPT
SALEM, OREGON

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and **all** of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

Land Use Information Form



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

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Applicant(s): City of Beaverton, Attention: David Winship

Mailing Address: PO BOX 4755, 4755 SW GRIFFITH DRIVE

City: Beaverton

State: OR

Zip Code: 97076

WATER RESOURCES DEPT
Daytime Phone: 503 526-0942

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
<u>3 South</u>	<u>1 West</u>	<u>23</u>	<u>NW SW</u>	_____	_____	☒ Diverted	☐ Conveyed	☐ Used	<u>Municipal</u>
_____	_____	_____	_____	_____	_____	☐ Diverted	☐ Conveyed	☐ Used	_____
_____	_____	_____	_____	_____	_____	☐ Diverted	☐ Conveyed	☐ Used	_____
_____	_____	_____	_____	_____	_____	☐ Diverted	☐ Conveyed	☐ Used	_____

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

City of Wilsonville

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- ☒ Permit to Use or Store Water ☐ Water Right Transfer ☐ Permit Amendment or Ground Water Registration Modification
☐ Limited Water Use License ☐ Allocation of Conserved Water ☐ Exchange of Water

Source of water: ☐ Reservoir/Pond ☐ Ground Water ☒ Surface Water (name) Willamette River

Estimated quantity of water needed: up to 33.7 ☒ cubic feet per second ☐ gallons per minute ☐ acre-feet

Intended use of water: ☐ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for _____ household(s)
☒ Municipal ☐ Quasi-Municipal ☐ Instream ☐ Other _____

Briefly describe:

The City of Beaverton is seeking a new water use permit for the use of surface water from the Willamette River for municipal purposes.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

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The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

- ☒ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s):
- ☐ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

The proposed use at the existing facilities does not require any land use approvals. Future expansions of the existing facilities will require land use approvals; however, we understand such expansions or modifications may be many years in the future. To ensure the proposed use of water remains consistent with the City's Comprehensive Land Use Plan, OWRD should include a condition requiring that use of the water be consistent with all state and local land use regulations.

Name: CHRIS NEAMTZU Title: PLANNING DIRECTOR

Signature: C. Neamtzu Phone: 503 570 1574 Date: 2.28.14

Government Entity: CITY OF WILSONVILLE

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

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Attachment B
Legal Description of Point of Diversion Property
Application for a Permit to Use Surface Water – City of Beaverton

S-87964

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WATER RESOURCES DEPT
SALEM, OREGON

Ex-Ex

Give to
Linda Dunn

SCANNED

RECORDED IN CLATSOP COUNTY
JOHN KNUFFMAN, COUNTY CLERK

2000-048871



\$51.00

07/20/2000 10:20:04 AM

00 - 1 - 3 SEVERLY
\$30.00 \$11.00 \$10.00

SPECIAL WARRANTY DEED

City of Wilsonville, an Oregon Municipal corporation, Grantor, grants, conveys and specially warrants to Tualatin Valley Water District, a water supply district, Grantee, an undivided forty-nine percent (49%) interest as tenant in common, and the City of Wilsonville reserves to itself the remaining fifty-one percent (51%) interest as tenant in common, in and to the following described real property free of encumbrances created or suffered by the Grantor except as specifically set forth herein, situated in Clackamas County, Oregon, to-wit:

Parcels I and II, together with Parcel III, an easement, as described in the attached Exhibit A and incorporated by reference herein.

The true consideration for this conveyance is \$1,291,350.00.

The said property is free of all encumbrances created or suffered by Grantor, except easements, access agreements, roadway agreements, and maintenance agreements of record, and changes (if any) in the location of the Willamette River and shall be subject to the following covenants to run with the land:

1. The above described real property is dedicated, conveyed and granted for domestic and municipal water supply purposes and such accessory uses as may be necessary and convenient thereto, together with the following purposes:

- 1.1 Area 1, which is the northern portion of the property as set forth in Exhibit B, attached hereto and incorporated herein, shall include an access road and bicycle and pedestrian access to Areas 2 and 3. The Grantor reserves Area 1 for park and recreational purposes at the sole risk and cost of Grantor; provided, however, upon one-year notice by either Grantor or Grantee to the other, park and recreation usage shall terminate to accommodate use for future domestic and municipal water supply facility capacity in excess of the 70 mgd facilities in Area 2, subject to required land use approval and such other governmental approvals as may be required. Nothing in the foregoing sentence is intended to limit or restrict the parties from agreeing to use the property in any manner in support of the Supply Facilities and/or such governmental regulations as may be imposed on the parties for the operation of up to a 70 mgd capacity plant.

After recording, return to:
City Recorder, City of Wilsonville
30000 SW Town Center Loop E.
Wilsonville, OR 97070

Until requested otherwise, send tax statements to:
No Change

P-87964

2000-048871

Chicago Title 216629

1.2 Area 2 is that portion on the site which includes the multi-barrier treatment plant with expansion up to 70 mgd (the wall and area behind the wall) as set forth in Exhibit B.

1.3 Area 3 is the "Meadow Area" and Water Feature as set forth on Exhibit B and is to be developed for passive recreational use and will have bicycle and pedestrian use and access. This public bicycle and pedestrian access will also extend to the Plant.

1.4 Area 4 is the 70' access easement, together with such other property and/or easements necessary for the alignment of the access roadway from the property to Wilsonville Road and the water transmission line from the Treatment Plant to Wilsonville Road as set forth in Exhibit B. Thereafter, the transmission line will be in the Grantor's Wilsonville Road right-of-way until it joins the City's transmission system at or about Station 67'00" of the Grantor's Kinsman Road right-of-way. The Grantor's Wilsonville Road and Kinsman Road right-of-ways are not intended to be conveyed to Grantee as part of this deed or otherwise.

2. Grantee's 49% ownership interest may be conveyed in whole or in part by Grantee, with prior approval by Grantor to the Willamette Water Supply Agency (WWSA) for a period of one year (365 days) from June 30, 2000, and thereafter without prior approval by Grantor; provided, however, WWSA's membership remains one of local governments and water districts. Neither Grantor nor Grantee shall convey to any person or entity which is not a local government or water district without the prior consent of the other. Each party's consent shall be based in its sole discretion on whether an allocation or conveyance to an entity other than a local government or water district is in the best interest of, in the case of Grantor, its citizens and, in the case of Grantee, its customers. Nothing in this paragraph is intended to prevent Grantee from conveying to Grantor or Grantor from conveying to Grantee its respective interest as the parties may agree in the future.

3. Neither Grantor nor Grantee shall seek or obtain through any legal proceedings an administrative or judicial partition of the Property or sale of the Property in lieu of partition, without the prior written consent of the other. Paragraph 2 above is not intended or meant to create a partition of the Property and this paragraph on partition is not intended or meant to prevent an allocation and conveyance of Grantee's interest as set forth in paragraph 2 above.

4. Nothing in the above covenants is intended to prevent a deletion, amendment, or modification of the above covenants if expressly agreed to by Grantor and Grantee, their respective successors in interest, if any, in writing and duly recorded.

Grantee has inspected the said property and accepts the condition of the said property as is.

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WATER RESOURCES DEPT
SALEM, OREGON

This Deed fully satisfies paragraphs 2.1 and 2.2 of that certain Agreement Regarding Water Treatment Plant Design, Construction, Operation, and Property Ownership, which document is a matter of record and on file with both the Grantor and Grantee.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.838.

IN WITNESS WHEREOF, the Grantor has executed this instrument this 7th day of July, 2000.

GRANTOR: CITY OF WILSONVILLE

By

Charlotte Lehan

Title:

Mayor

ATTESTED TO:

By

Diane M. Pantanin
Diane M. Pantanin
Acting City Recorder

Date: July 7, 2000

STATE OF OREGON

County of Clatsop

On this 7th day of July, 2000, before me, a notary public in and for said County and State, personally appeared Charlotte Lehan, known to me to be the Mayor of the City of Wilsonville and whose name she subscribed to the within instrument and acknowledged that she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal on the day and year above written.

Susan M. Dunn
Notary Public for Oregon

My Commission Expires March 12, 2003

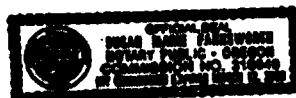


Exhibit A

Order No. 216629

LEGAL DESCRIPTION

00818850

PARCEL I:

31W23B 01800

Being a part of the R. V. Short Donation Land Claim in Township 3 South, Range 1 West, Willamette Meridian, in the County of Clackamas and State of Oregon, bounded and described as follows, to-wit:

Beginning at a point on the line between Sections 22 and 23, said township and range, 288.23 feet South 0°03' East of the Northwest corner of said Section 23; running thence South 0°03' East on said section line 604.99 feet to the Southwest corner of M.A. Holbrook Tract as recorded in Book 159, Page 546, Records of Deed for Clackamas County, Oregon; thence North 89°56' East 1339.0 feet along the South boundary of the said Holbrook Tract to the East line of the above mentioned Short D/LC; thence North 0°17' West along the East boundary of the said Short D/LC 545.7 feet to a point; thence North 87°35' West 1337.9 feet to the place of beginning.

EXCEPT the West 20 feet thereof conveyed for private roadway.

AND FURTHER EXCEPTING THEREFROM that portion included in Quit Claim Deed to Joe Bernert Towing Co., Inc. recorded December 29, 1987 as Recorder's Fee No. 87057783.

PARCEL II:

31W23B 01900

A tract of land in a portion of the Robert V. Short D/LC No. 46 located in the Northwest and Southwest one-quarters of Section 23, Township 3 South, Range 1 West of the Willamette Meridian, in the County of Clackamas and State of Oregon, described as follows:

00818878

Beginning at a point on the North line of said Section 23, that bears East a distance of 20.00 feet from the Northwest corner of said Section 23; thence South 0°03'00" East, parallel with and 20 feet Easterly of the West line of said Section 23, a distance of 1397.23 feet to an interior angle corner in the Northerly line of that tract of land conveyed to Hardy S. Young by Deed, described in and recorded under Fee Number 74-10618 Clackamas County Deed Records; thence North 89°51' East, along said Young's North line, a distance of 880.00 feet to a 5/8 inch iron rod at the Northwest corner of that tract of land conveyed as a Tract I to Joe Bernert Towing Company, Inc., in a contract recorded under Fee Number 78-9683, Deed Records; thence South 0°03' East, along the Westerly line of said Towing Company Tract, a distance of 320.00 feet to a 5/8 inch iron rod at the Northeast corner of that tract of land conveyed to Joe Bernert Towing Company, Inc., by a contract described in and recorded under Fee Number 90-2243, Deed Records; thence South 89°51' West, along the Northerly line of last said tract, a distance of 60.00 feet to a 5/8 inch iron rod; thence South 77°00'26" West, along last said Towing Company Tract, a distance of 492.25 feet to a 5/8 inch iron rod; thence South 0°03' East, along the Westerly line of last said tract, a distance of 141.69 feet to a 5/8 inch iron rod; thence South 45°54'37" East, along a Westerly line of last said tract, a distance of 699.97 feet to a 5/8 inch iron rod at an angle corner in said Westerly line; thence South 8°47'13" East, along said Westerly line, a distance of 747.37 feet to a 5/8 inch iron rod, being the South corner of said Fee Number 90-2243, said South corner being on the West line of said Tract I of Fee Number 78-9683; thence South 0°03' East, along the West line of said Tract I, a distance of 325.18 feet, more or less, to the South line of said Fee Number 74-10618; thence South 83°51'40" West, along the South line of said Fee Number 74-10618, a distance of 517.54 feet, more or less, to the mouth of a ravine; thence

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SALEM, OREGON

Order No: 216629

LEGAL DESCRIPTION

South 77°46'41" West, continuing along the South line of Fee Number 74-10610, a distance of 79.72 feet to the Southwest corner thereof; thence North, along the Westerly line of said Fee Number 74-10610, a distance of 966.96 feet to a point; thence North 58°00' West, a distance of 117.48 feet to a point on the West line of said Section 23; thence North 8°03" West, along said West section line, a distance of 2299.44 feet to the Northwest corner of said Section 23; thence East a distance of 20.00 feet returning to the point of beginning.

PARCEL III:

TOGETHER WITH an easement for road and utility purposes over the following described parcel:

A tract of land situated in Section 23, Township 3 South, Range 1 West, of the Willamette Meridian, in the County of Clackamas and State of Oregon, being more particularly described as follows, to wit:

A strip of land 60.00 feet in width and heretofore known as the Industrial Way Road easement, the centerline intersection of said 60.00 foot strip of land with the centerline of Market Road No. 6 (also known as Wilsonville Road), which intersection is North 89°56' East along the centerline of Market Road No. 6, 1278.43 feet from the Northwest corner of said Section 23, Township 3 South, Range 1 West, of the Willamette Meridian, in the County of Clackamas and State of Oregon, from said place of beginning; thence leaving said centerline of Market Road No. 6, South 31°36' East along the centerline of said 60.00 foot strip of land 263.90 feet; thence South 17°46' East 64.49 feet; thence South 10°22' West, 145.34 feet to the intersection of the North line of the Bailey D.L.C. No. 45; the same point of intersection being South 89°53' East 163.15 feet from the Northwest corner of the Thomas Bailey D.L.C. No. 45; thence South 10°22' West 906.74 feet along the centerline of said 60.00 foot strip of land South to the point of intersection of said centerline with the West line of said Thomas Bailey D.L.C.

S-87964

2000-048871

NOTE: - OFFICE LOCATION FOR AREAS AND AREAS TO BE
 BY THE CITY UNDER THE PROVISIONS OF THE CITY OF
 AREAS ARE TO BE CONSIDERED AS A GENERAL LOCATION
 DETERMINED BY THE CITY ENGINEER AND ARE NOT TO BE
 USED FOR ANY OTHER PURPOSE.

CITY OF WILSONVILLE
 WILLAMETTE RIVER WATER TREATMENT PLANT

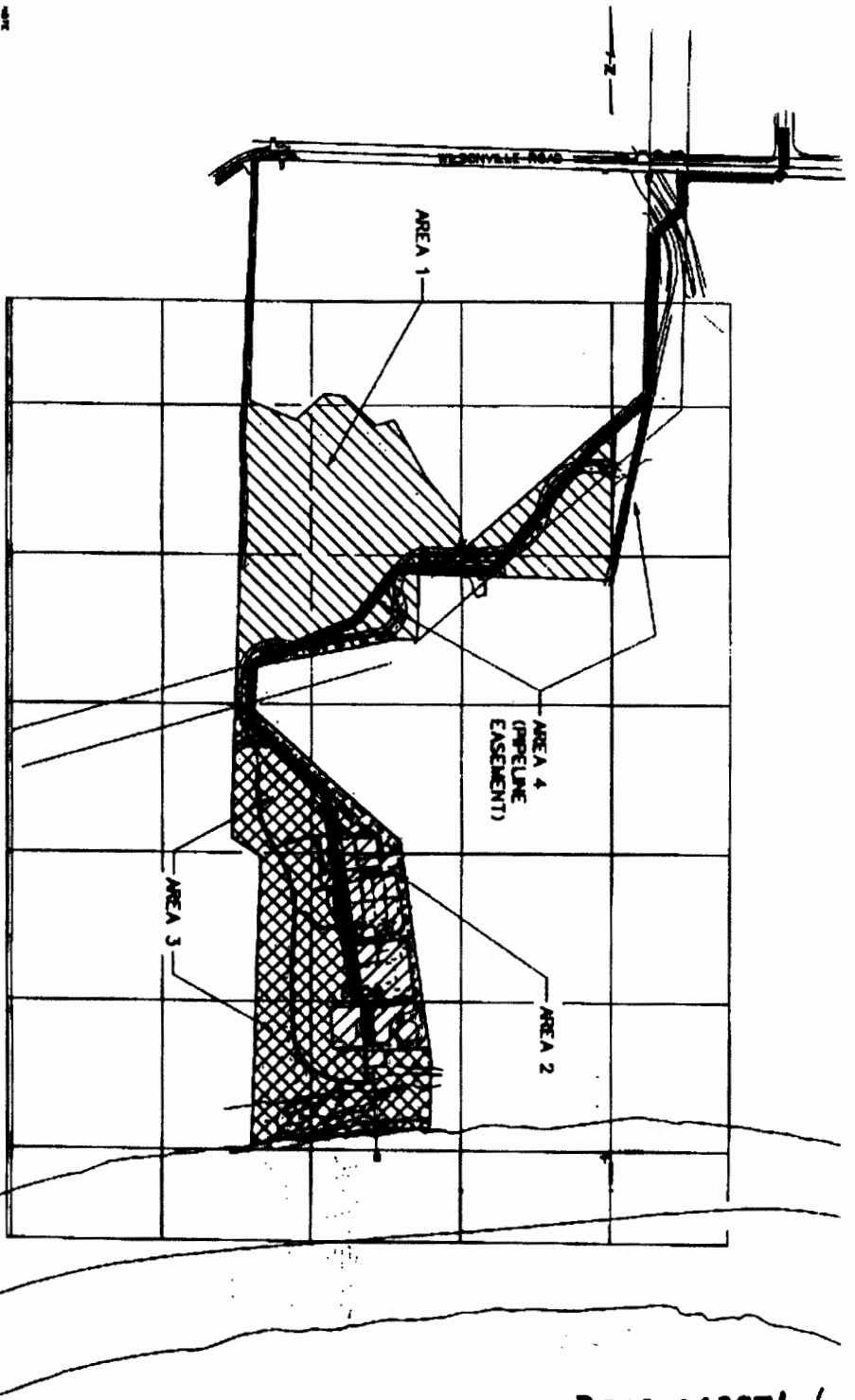


EXHIBIT 3
 GENERAL AREA MAP

2000-048871

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WATER RESOURCES DEPT
SALEM, OREGON

Attachment C
Application Maps

Application for a Permit to Use Surface Water – City of Beaverton

S-B7764

Kim Grigsby

From: SAUTER Jerry K <jerry.k.sauter@state.or.us>
Sent: Friday, March 07, 2014 9:38 AM
To: Kim Grigsby
Subject: RE: map scale waiver request

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WATER RESOURCES DEPT
SALEM, OREGON

OK, This seems pretty clear, so I have no problem.
JK

J.K. Sauter | Water Rights Program Analyst
Water Resources Department | 725 Summer St. NE, Suite A | Salem, Oregon 97301
Ph. 503.986.0817 | Fax 503.986.0901
Information Requests may be made to : customerservice@wrds.state.or.us

From: Kim Grigsby [<mailto:KGrigsby@gsiws.com>]
Sent: Friday, March 07, 2014 9:36 AM
To: jerry.k.sauter@state.or.us
Subject: map scale waiver request

Jerry,

As we discussed, I am sending you the maps that will be submitted as part of the City of Beaverton's permit application. The City is requesting a map scale waiver for two of three maps: the place of use map (which shows the City's service area), and the map showing the identified segment of the conveyance route.

Thank you,

Kim

Kimberly Grigsby
Senior Water Resources Consultant
GSI Water Solutions, Inc.
1600 SW Western Blvd, Suite 240
Corvallis, OR 97333
541-753-0745, ext. 144
Direct: 541-257-9004

 Please note the extension number change and the new direct line

S-87964

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WATER RESOURCES DEPT
SALEM, OREGON

Attachment D
Form M

Application for a Permit to Use Surface Water – City of Beaverton

S-07964



Oregon Water Resources Department

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FORM M

FOR MUNICIPAL AND QUASI MUNICIPAL WATER SUPPLIES

WATER RESOURCES DEPT
SALEM, OREGON

Unless otherwise noted, water use information should be in acre-feet per year (AFY).

1 acre-foot is equal to 325,851 gallons.

Background Information

Name of water supplier: City of Beaverton

Name and size of area to be served: City of Beaverton, 18.73 square miles
(in square miles)

Present population of service area: 66,000 in 2007 (per approved JWC WMCP)
(Contact county planning staff, if needed.)

Projected population in 20 years: 105,621 in 2034
(Cite source and year. For example: "20,595 Based upon 1995 Portland State University projections.")

List present water rights and permits held:

Date of Issuance:	Natural Source of Water:	Amount Permitted:	Utilization:
<u>GR-343 N/A</u>	<u>groundwater</u>	<u>3.06 cfs</u>	<u>3.06 cfs</u>
<u>ASR LL 002</u>	<u>Bull Run and Tualatin River</u>	<u>1.2 billion gallons</u>	<u>506.8 MG</u>
	<u>The City obtains much of its water from the JWC.</u>		
	<u>See the list of JWC water rights in Attachment 1.</u>		

Water Use

Average **yearly** demand: 8,852 AFY Year: 2007

Per-capita daily consumption (in gallons): 120 gpcd (JWC WMCP)
(Divide average annual water sales by population to arrive at consumption, then divide by 365 to get daily values.)

Peak season (by month/day): 7/1 to 10/31 **Total peak season demand:** 3,819 Acre-feet

Peak season per-capita daily consumption: 153 gpcd (based on average consumption 2002-2007) (JWC WMCP)
(Divide total peak season demand by population and the number of days during the peak.)

Annual amount of water:

Produced: 3,020 million gallons (MG) (average for 2002-2007) (JWC WMCP)
(diverted or pumped)

Delivered: 2,609 MG metered consumption (average for 2002-2007) (JWC WMCP)

Is your system fully metered? ☒ Yes ☐ No

Describe your rate structure: A monthly base charge plus a charge based on the volume of water used.
(e.g. flat rate, increasing or decreasing block rate or combination of different systems)

S-87764

Request for Water

A. Discuss the reason(s) for your request for additional water

(e.g. loss of current supply, peak demand, growth, or other):

The City's projected 2034 maximum day demand is 21.8 mgd (33.7 cfs). The City's current capacity to meet peak demands is 17.3 mgd, as described below. The City, therefore, is expected to require an additional 4.5 mgd (7.0 cfs) of supply to meet its peak demand by 2034. (21.8 - 17.3 = 4.5) The City also requires a redundant water supply in the event of contamination of its current supply sources, seismic events that disrupt stored water or transmission, or mechanical failures. As a result, the City is seeking 21.8 mgd (33.7 cfs) to meet projected 2034 peak demands and provide a near-term redundant water supply. The City will need this water to meet its longer-term peak demands.

B. How long is the amount of water requested in this application expected to meet future needs?

(e.g. until the year 2040) Until the year 2034, including providing supply redundancy

C. Briefly discuss operation of water system and the most constraining component of the system:

The City obtains the majority of its water supply from the Joint Water Commission (JWC). The transmission line capacity for this water supply is limited to 14 mgd. In addition, the City obtains water from its ASR program. The firm reliable long-term capacity of its ASR system, especially for peak demand that occur late in the recovery season, is currently limited to 3.3 mgd. The City's current capacity to meet longer-term periods of peak demand is, accordingly, 17.3 mgd. (14 + 3.3 = 17.3)

D. Percentage of water use by type:

Residential: <u>70%</u>	Commercial: <u>20%</u>
Public Authority: <u>1% (public facilities)</u>	Agricultural: <u>8% (irrigation)</u>
Unaccounted for use: _____	Industrial: _____
Other (specify use): <u>less than 1% for fire</u>	

E. List cost to implement proposed request.

Compare cost and benefits with other water supply, or combination of supply options. This should include water efficiency measures such as replacing current showerheads with low-flow types. (Attach documentation, as available.)

To meet long-term projected demands and provide a redundant supply of drinking water, the City of Hillsboro completed a detailed evaluation of water supply options in 2012 and determined obtain water from the Willamette River (Mid-Willamette Option) represented the lowest cost and lowest risk of four other water supply options evaluated. This evaluation indicated that the total project cost for the Mid-Willamette option could be 14% to 31% less than evaluated alternatives. On the basis of this analysis and other factors, the City of Beaverton has joined the City of Hillsboro, the Tualatin Valley Water District, and other project partners to initiate preliminary design and planning for use of Willamette River water as described in this permit application. The City has implemented numerous conservation efforts, as described in the JWC WMCP. Although these efforts assist in maximizing the City's efficient use of its existing source, they do not address the City's need for a redundant water supply and projected long-term demands.

F. How and by how much will your proposed water use efficiency programs increase efficiency?

(Express as a percentage of per-capita consumption.)

The City of Beaverton is a member of the JWC. The JWC's approved 2010 WMCP used a conservation savings goal of 0.8 % for demonstration purposes. Even if this conservation goal was met, the City is still projected to require the requested water right to meet is 2034 demands. Further, the City will continue to require a redundant water supply.