



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

4601 N Monroe Street • Spokane, Washington 99205-1295 • (509)329-3400

November 13, 2013

Mr. John Malmberg
Bonneville Power Administration
BPA Van Mall Complex
P.O. Box 61409
Vancouver, Washington 98666-1409

Re: Ground Water Permit No. G3-30689

Dear Mr. Malmberg:

Enclosed is your permit to be retained for your records. Please read the enclosed information sheet, as well as your entire permit.

This permit authorizes you to construct your project and put water to use.

We are enclosing a *Construction Notice* form. Once you begin construction, complete and submit the form to this office. **If you cannot begin your project by December 1, 2013, you must contact this office to apply for an extension.**

If you have any questions, please contact Jeff MacLennan at 509-329-3480.

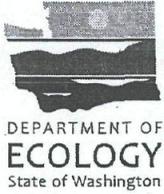
Sincerely,

Karen Tusa
Water Resources Program
Eastern Regional Office

KT:md

Enclosures: Permit
Construction Notice
Important Information About Your Water Right





STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PERMIT
TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

PRIORITY DATE June 25, 2013	PERMIT NUMBER G3-30689
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MAILING ADDRESS Bonneville Power Administration Jon Malmberg (TETQ-TPP3) BPA Van Mall Complex P.O. Box 61409 Vancouver, WA 98666-1409	SITE ADDRESS (IF DIFFERENT) 2410 E. Hawthorne Road Mead, WA 99021
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Quantity Authorized for Withdrawal

WITHDRAWAL RATE	UNITS	ANNUAL QUANTITY (AF/YR)
200	GPM	0

200 gallons per minute continuously for non-consumptive heat exchange

Purpose

PURPOSE	WITHDRAWAL RATE	ANNUAL QUANTITY (AF/YR)	PERIOD OF USE (mm/dd)
Heat exchange	200 GPM		01/01 - 12/31

Source Location

COUNTY	WATERBODY	TRIBUTARY TO	WATER RESOURCE INVENTORY AREA
SPOKANE	GROUNDWATER		55-LITTLE SPOKANE

SOURCE FACILITY/DEVICE	PARCEL	WELL TAG	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
Well	36165.9010		26 N.	43 E.	16	NE¼SW¼	47.75028°	-117.37980°
Well	36165.9010		26 N.	43 E.	16	NE¼SW¼	47.75029°	-117.38073°

Datum: WGS84

2 wells approximately 2400 feet North and 2600 East from the SW corner of Section 16

Place of Use

PARCELS (NOT LISTED FOR SERVICE AREAS)

36165.9010

LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE

All of Section 16 except the following: Beginning at the NW corner of Section 16, thence east along the north line of Section 16 4834 feet, thence south 1838.3 feet, thence S. 45°14' W., 353.6 feet to the northerly line of Graves Rd., thence east along said northerly line 478.5 feet, thence on a curve to the left with radius of 924.9 feet a distance of 224.6 feet to the east line of the section, thence south along said east section line 87.1 feet to the southerly line of said road, thence west along said southerly line 2172 feet, thence S. 0°14' W., 190 feet, thence N. 89°46' W., 3098 feet to the west line of Section 16, thence north along said west line 2306.10 feet to the point of beginning. AND EXCEPT Washington Water Power Co. (WWP) right of way subject to easement to Defense Plant Corp. easements. AND EXCEPT portion lying southwesterly of the northeasterly line of WWP right of way and Except railroad right of way together with portion described as follows: commencing at the northwest corner of Section 16, thence S. 0°10'27" W., 2615.36 feet, thence N. 87°39'0" E., 202 feet, thence N. 70°25'24" E. 1174 feet, thence S. 89°15'24" E., 2014.17 feet, thence N. 0°45'39" E., 189.94 feet, thence N. 89°15'8" W., 1,122.48 feet, thence a non-tangent curve to the left with a radius of 1879.79 feet, a central angle of 17°31'32", and a chord direction S. 81°59'6" W., thence S. 73°13'20" W., 341.5 feet, to the true point of beginning. All in Section 16, T.26 N., R. 43 E.W.M.

Proposed Works

The subject proposal involves the withdrawal of water from two wells (one acting as a backup) for the purpose of heat exchange. The water would be pumped through a PVC line to the building. The water would then run through a heat pump exchange unit for the purpose of forced air ventilation and cooling. It would return to an injection site located approximately 280 feet northwest of the subject wells.

Development Schedule

BEGIN PROJECT	COMPLETE PROJECT	PUT WATER TO FULL USE
December 1, 2013	June 1, 2015	June 1, 2016

Provisions

All wells constructed in the state shall meet the construction requirements of WAC 173-160 titled "Minimum Standards for the Construction and Maintenance of Wells" and RCW 18.104 titled "Water Well Construction". Any well which is unusable, abandoned, or whose use has been permanently discontinued, or which is in such disrepair that its continued use is impractical or is an environmental, safety or public health hazard shall be decommissioned.

All wells shall be tagged with a Department of Ecology unique well identification number. If you have an existing well and it does not have a tag, please contact the well-drilling coordinator at the regional Department of Ecology office issuing this decision. This tag shall remain attached to the well. If you are required to submit water measuring reports, reference this tag number.

Installation and maintenance of an access port as described in WAC 173-160- 291(3) is required.

An approved measuring device shall be installed and maintained for each of the sources identified by this water right in accordance with the rule "Requirements for Measuring and Reporting Water Use", WAC 173-173.

WAC 173-173 describes the requirements for data accuracy, device installation and operation, and information reporting. It also allows a water user to petition the Department of Ecology for modifications to some of the requirements.

The subject infiltration system shall be registered with Ecology's Underground Injection Control Program prior to discharge of any water withdrawn under this authorization.

<http://www.ecy.wa.gov/pubs/wac173218.pdf>

This use is considered non-consumptive. The withdrawn water shall be returned to the same aquifer in close proximity in time and space to the location from which it was taken.

Use of water under this authorization shall be contingent upon the water right holder's maintenance of efficient water delivery systems and use of up-to-date water conservation practices consistent with established regulation requirements and facility capabilities.

The water right holder shall file the notice of Proof of Appropriation of water (under which the certificate of water right is issued) when the permanent distribution system has been constructed and the quantity of water required by the project has been put to full beneficial use. The certificate will reflect the extent of the project perfected within the limitations of the permit. Elements of a proof inspection may include, as appropriate, the source, system instantaneous capacity, beneficial use(s), annual quantity, place of use, and satisfaction of provisions.

Department of Ecology personnel, upon presentation of proper credentials, shall have access at reasonable times, to the project location, and to inspect at reasonable times, records of water use, wells, diversions, measuring devices and associated distribution systems for compliance with water law.

This permit shall be subject to cancellation should the permittee fail to comply with the above development schedule and/or to give notice to the Department of Ecology on forms provided by that Department documenting such compliance.

Dated this 13th day of November, 2013, at Spokane, Washington,

Department of Ecology

by 
Keith L. Stoffel, Section Manager

DATA REVIEW
OK 

KLS/KT:md

W: Permits/Tusa/2013/Bonneville Power G3-30689 permit 11-13-2013.doc