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APR 04 2016

DEPARTMENT OF
WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
STATEMENT OF COMPLETION
FOR SUBMITTING PROOF OF BENEFICIAL USE

FOR OFFICE USE ONLY	
Amt. of Fee \$	100.00
Receipt No.	C101793
Received By	ELG
Date Received	4/4/16

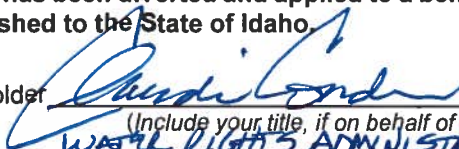
The Idaho Department of Water Resources considers this form a statement by the permit holder(s) that development of a water right has been **completed** and that water has been applied to beneficial use to the extent described below. **This form must be accompanied by an examination fee, when necessary, or by a completed Beneficial Use Field Report prepared by a certified water right examiner.** Please refer to the instructions and fee schedule for this form. If ownership of the permit has changed, contact any Department office or visit the Department's website at idwr.idaho.gov for an *Assignment of Permit* form. If you wish to relinquish your permit because you have not established the authorized use of the water and are **not** applying for an extension, please notify the Department in writing.

- Permit No. 25-14431 Telephone No. 801-220-2252
- Name of Permit Holder(s) PacifiCorp c/o Claudia Conder
- Mailing Address 1407 W. North Temple #110 City Salt Lake City
State UT Zip 84116 Email Claudia.Conder@PacifiCorp.com
- Source of Water groundwater If **GROUND WATER** (well), Date Drilled mo. _____ / yr. 1985
Well Driller Andrews Well Drilling Drilling Permit Number on file
- Extent of use(s) completed as authorized by the water right permit:
Domestic (No. of households) _____ Stockwater (No. and type of stock) _____
Irrigation (No. of acres) _____ Other Water Quality Improvement
- Total rate of diversion or storage volume for which proof is submitted 0.47 cfs OR 339 acre-feet.
- Compliance with a measuring device requirement, lockable controlling device requirement, and/or other conditions of permit:
Refer to the approval conditions on your permit and respond accordingly.
The Department will not issue a license if permit conditions are not met.

Measuring Device	Is a measuring device required?	Yes ☒	No ☐
	If yes, has the measuring device been installed?	Yes ☒	No ☐
Lockable Controlling Device	Is a lockable device required to control the diversion?	Yes ☒	No ☐
	If yes, has the lockable device been installed?	Yes ☒	No ☐
Fish Screen	Is a fish screen required?	Yes ☐	No ☒
	If yes, has the fish screen been installed?	Yes ☐	No ☐

Other Conditions of Permit
Do the approval conditions on your permit require you to submit additional information in connection with your proof of beneficial use? If yes, list the conditions below and attach documents with the required information.
no _____ Completed? Yes ☐ No ☐
- Fee Enclosed \$ 100.00 or not applicable ☐. See fee schedule on page 2 of the instructions.
Proof statements filed without an appropriate fee, will be considered incomplete.
- Person to contact to accompany the Department representative during field examination of the water system.
Name Claudia Conder Telephone Number 801-220-2252
Mailing Address 1407 W. North Temple #110 City Salt Lake City
State UT Zip 84116 Email claudia.conder@pacificorp.com

The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted and applied to a beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

Signature of Permit Holder  Date 3-31-2016
(Include your title, if on behalf of company or organization)
WATER RIGHTS ADMINISTRATION

Mail to: Idaho Department of Water Resources, PO Box 83720, Boise, ID 83720-0098



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DEPARTMENT OF
WATER RESOURCES

1407 West North Temple
Salt Lake City, Utah 84116

March 31, 2016

Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

RE: Statement of Completion 25-14431

To Whom It May Concern:

Please find enclosed a Statement of Completion for Permit #25-14431. Also attached is a supporting document of the water used at this facility by PacifiCorp's consultant who manages the reporting and monitoring of the water.

Also enclosed is the license examination fee of \$100.00. Should the field examiner need someone from PacifiCorp/Rocky Mountain Power to meet them on site, please contact me at 801-220-2252.

Cordially,

Claudia Conder
Water Rights Administrator

Cc: Jeff Tucker, PacifiCorp
Blake Jordan, IDWR, Eastern Region Office



April 1, 2016

Mr. Jeff Tucker
PacifiCorp
1407 West North Temple
Salt Lake City, Utah 84116

Subject: Annual Diversion Rate for Water Right (339 ac-ft/yr)
Idaho Falls Pole Yard Hazardous Waste Management Facility

Dear Jeff,

This correspondence has been prepared to provide proof of beneficial use for the 339 ac-ft/yr annual diversion rate granted under Idaho Water Right #25-07403.

As you are aware, continuous groundwater extraction is required at the Idaho Falls Pole Yard (IFPY) Hazardous Waste Management Facility (HWMF) to comply with RCRA Post Closure Care Permit IDD000602631. Coal tar creosote impacts contained within deep fractured basalt bedrock are regulated by the Idaho Department of Environmental Quality as a RCRA Land Disposal Unit (LDU). The RCRA permit requires the HWMF to continuously maintain hydraulic control of groundwater in two aquifers impacted by contaminants leaching from the LDU.

The amount of water required to maintain hydraulic capture is a function of many site specific parameters including, but not limited to, groundwater elevation, natural hydraulic gradient, and hydrogeologic properties of the saturated bedrock intervals beneath the facility.

Factors influencing groundwater elevations include annual precipitation and the regional extraction of groundwater for irrigation purposes. Engineering judgement, along with historical water level elevations and extraction rates have been used to project a reasonable annual rate of diversion necessary to continuously maintain hydraulic capture at the IFPY facility.

Table 1 below provides a conservative estimate of the annual extraction rates and required annual diversions over the past seven years.

Table 1: Required Flow Rates By Year

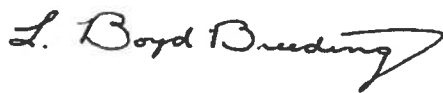
Year	GPM	¹ Acre ft/year
Fall 2009	144.0	232.3
Fall 2010	159.0	256.5
Fall 2011	137.2	221.3
Fall 2012	169.2	273.0
Fall 2013	184.2	297.2
Fall 2014	151.0	243.6
Fall 2015	148.8	240.1

Notes:

1) Acre feet estimates assume pumping at constant rate throughout the year. Actual pumping will be less due to reduction in yields from Aquifer 1 during winter and spring months.

Based on the assumptions described in Table 1, the maximum diversion over this seven year time period was 297 acre-ft/yr. This represents 87.6 percent of the 339 acre-ft/yr diversion permitted in Water Right #25-07403. The additional 12.4 percent (42 acre-ft/yr) represents a reasonable factor of safety to account for potential increases in precipitation and higher groundwater elevations in future years. Groundwater elevations observed in upgradient well MW5, for example, have fluctuated up to 23.99 feet since groundwater monitoring began in 1984.

Sincerely,



L. Boyd Breeding, P.E.
PM/Senior Engineer