



Water Resources Program

Application for a Water Right Permit

For Ecology Use
(Date Stamp)

12 FEB 14 11:05

DEPT. OF ECOLOGY
FISCAL & BUDGET

Follow the attached instructions. Attach additional sheets as necessary.

- GROUND WATER SURFACE WATER
 PERMANENT SHORT TERM TEMPORARY
 DROUGHT

***A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.**

Section 1. APPLICANT

Applicant/Business Name: <i>Puget Sound Energy Co. Attn: Jory Oppenheimer</i>	Phone No: <i>425-462-3556</i>	Other No:
Address: <i>10885 NE 4th Street PSE-09N</i>		
City: <i>Belleveve</i>	State: <i>WA</i>	Zip: <i>98004</i>
Email Address (optional): <i>Jory.Oppenheimer@pse.com</i>		

Contact Name (if different from above):	Phone No:	Other No:
Relationship to Applicant:		
Address:		
City:	State:	Zip:
Email Address (optional):		

Legal Land Owner or Part Owner Name of the Proposed Place of Use: <i>Puget Sound Energy Co.</i>	Phone No:	Other No:
Address:		
City:	State:	Zip:
Email Address (optional):		

Signatures are required. See page 7.

For Ecology Use	APPLICATION NO: <i>51-28720</i>	SEPA: Exempt/Not Exempt Not Exempt
	Fee Paid: _____ Check No: _____	ECY Coding: 001-001-WR1-0285-000011
Date Returned _____	By _____	Priority Date <i>2/14/12</i> By <i>DO</i> WRIA: <i>4</i>

Section 2. STATEMENT OF INTENT

Do you own the land on which the proposed point of diversion/withdrawal is located? YES NO
 If no, do you have legal authority to make this application for use of another's land? YES NO

Briefly describe the purpose of your proposed project:

Puget Sound Energy's (PSE's) Upper Baker Dam has two generation units. PSE has water rights for non-consumptive use (power supply) at Upper Baker Dam, for a total of 4,800 cfs. PSE upgraded one of the units, which has the potential to exceed this generation total by up to 400 cfs.

Anticipated length of time to complete your project: *not applicable*

Water Use List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only)		Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
	<input checked="" type="checkbox"/> Cubic Feet per Second (CFS)	<input type="checkbox"/> Gallons per Minute (GPM)		
<i>Hydropower</i>	<i>400</i>			<i>Continuously</i>
TOTAL:				

Short Term/Temporary Water Use

Is this a request for a short term project (less than four months and non-recurring)? YES NO

Is this request for a temporary permit? YES NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: ___/___/___ TO: ___/___/___

Section 3. POINT OF DIVERSION OR WITHDRAWAL

(Complete A or B, and C below)

A.) If Surface Water Source	B.) If Ground Water Source
<input type="checkbox"/> Spring <input type="checkbox"/> Creek <input checked="" type="checkbox"/> River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____	<input type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____
Source Name: <u>Baker River</u>	Well diameter & depth: _____
Tributary to: <u>Skagit River</u>	Number of proposed points of withdrawal: _____
Number of proposed diversion points: <u>1</u>	Do you have an existing well? <input type="checkbox"/> YES <input type="checkbox"/> NO
Do you have an existing diversion? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If available, attach Water Well Report and pump test.
	Well Tag ID No. _____

C.) Point of Diversion/Withdrawal – Legal Description						
Parcel No.	¼	¼	Section	Township	Range	County
3709313364		SW	31	37N	9E	Whatcom
Lot(s)	Block(s)		Subdivision			
If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner: <u>1700</u> Feet (<input checked="" type="checkbox"/> North/ <input type="checkbox"/> South) and <u>1100</u> feet (<input checked="" type="checkbox"/> East/ <input type="checkbox"/> West) from the (<input type="checkbox"/> NW <input checked="" type="checkbox"/> SW <input type="checkbox"/> NE <input type="checkbox"/> SE <input type="checkbox"/> _____) corner of Section <u>31</u> .						
Parcel No.	¼	¼	Section	Township	Range	County
Lot(s)	Block(s)		Subdivision			
If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner: _____ feet (<input type="checkbox"/> North/ <input type="checkbox"/> South) and _____ feet (<input type="checkbox"/> East/ <input type="checkbox"/> West) from the (<input type="checkbox"/> NW <input type="checkbox"/> SW <input type="checkbox"/> NE <input type="checkbox"/> SE <input type="checkbox"/> _____) corner of Section _____.						

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

¼	¼	Section	Twp.	Range	County	Parcel No.
	SW	31	37N	9E	Whatcom	

Do you own all the lands on which the proposed place of use is located? YES NO.

If no, do you have legal authority to make this application for use of another's land? YES NO

Provide owner name(s), address, and phone number:

Are there any other water rights or claims associated with this property or water system? YES NO

If yes, provide the water right and/or claim numbers:

Certificate #08225 and Certificate #08226

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map. (See Figure 1.)

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source):

The powerhouse intakes at Upper Baker Dam are located in the center of the dam and allow water to enter the two penstocks. The bell-shaped steel intake gates are 20 feet high and 16 feet wide.

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

A.) Domestic Water Systems only	B.) Municipal Water Systems only <i>(defined under RCW 90.03.015)</i>
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ <i>(e.g., home, recreational cabin)</i>	Estimate future population to be served: _____ (20 year projection)
C.) Water System Planning	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, date plan was approved ____ / ____ / ____ Water System Number: _____	
Name of water system: _____	
Are you within the service area of an existing water system? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, explain why you are unable to connect to the system: _____ _____ _____	

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

Irrigation

Total number of acres requested to be irrigated under this application = _____ ACRES

NOTE: Outline the area to be irrigated on your attached map.

Stockwater

List number and kind of stock:

Is the proposed project for a dairy farm? YES NO

Other Proposed Farm Uses

Describe all proposed uses:

Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? YES NO

Do you have a controlling interest in a Family Farm Development Permit? YES NO

If yes, enter Permit No: _____

Section 8. OTHER WATER USES

Hydropower

Indicate total feet of head 297 and proposed capacity in kilowatts: 90,700

Describe works:

Upper Baker Dam impounds Baker Lake and is located at Rivermile 9.3 along the Baker River. The dam began operation in 1959 and is 312 feet high and 1,200 feet long. The dam includes a spillway, concrete gravity-gated intake section, and a powerhouse with two turbine generators.

Indicate all uses to which power is to be applied: Electric generation for residential, industrial, municipal, and agricultural uses.

FERC License No: P-2150

Mining/Industrial Use

Describe use, method of supplying and utilizing water:

Other Use

Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? YES NO

Are you proposing to store more than 10 acre-feet of water? YES NO

Will the water depth be 10 feet or more? YES NO

If you answered yes to any of the above questions, please describe:

PSE currently has a storage water right of 290,000 ac-feet (Certificate 08391) for Baker Lake.
PSE is not requesting additional storage with this application.

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.

Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site:

Take Highway 20 east from Burlington to the Baker Lake Road. Baker Lake Road is
4.5 miles east of Hamilton. Go north on Baker Lake Road approximately 14 miles
Take a right on U.S. Forest Road 1106, which passes on top of Upper Baker
Dam in about one and one-half miles. Refer to Figure 2.

Site Address:

Baker River Office
46110 E. Main Street
Concrete, WA 98237

Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

Jory Oppenheimer
 Print Name
 (Applicant or authorized representative)

[Signature]
 Signature

2/6/12
 Date

 Print Name
 (Legal Owner or Part Owner Place of Use)

 Signature

 Date

 Print Name
 (Legal Owner or Part Owner Place of Use)

 Signature

 Date

Please check the region in which the project is located:

<p>*Submit your application to: DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611</p>	<input type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902 (509) 575-2490	<input type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400
	<input checked="" type="checkbox"/> Northwest Regional Office 3190 – 160 th Avenue SE Bellevue, WA 98008-5452 (425) 649-7000	<input type="checkbox"/> Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775 (360) 407-6300

If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.

