



**State of Washington**  
**Application for a Water Right Permit**

SURFACE WATER  GROUND WATER  
 Permanent  Temporary  Short Term

For Ecology Use  
(Date Stamp)

Follow the attached instructions. Attach additional sheets as necessary. **09 APR 29 8:46**

A NON-REFUNDABLE MINIMUM FEE OF \$50.00 PAYABLE TO  
THE DEPARTMENT OF ECOLOGY MUST ACCOMPANY THIS APPLICATION.

**Section 1. APPLICANT** DEPT. OF ECOLOGY  
FISCAL & BUDGET

Applicant/Business Name: <b>Douglas Rehfeldt</b>		Phone No: <b>(360) 333-0701</b>	Other No:
Address: <b>638 Manley Rd.</b>			
City: <b>Bellingham WA 98229</b>	State: <b>WA</b>	Zip: <b>98229</b>	
Email Address (optional): <b>dougrehfeldt@gmail.com</b>			
Contact Name (if different from above): <b>Phillip Rehfeldt</b>		Phone No:	Other No:
Relationship to Applicant: <b>father</b>			
Address: <b>Same</b>			
City: <b>Same</b>	State:	Zip:	
Email Address (optional):			

**Section 2. STATEMENT OF INTENT**

Briefly describe the purpose of your proposed project: To provide hydro-electric power for single-family houses sufficient for

Anticipated length of time to complete your project: 4 months

**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 type="checkbox"/> Cubic Feet per Second (CFS)	<input checked="" type="checkbox"/> Gallons per Minute (GPM)		
<b>Power (electric)</b>	<b>400</b>		?	Continuously
	<b>0.891 cfs</b>			
<b>TOTAL:</b>	<b>400</b>			

**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

For Ecology Use	APPLICATION NO: <b>61-28620</b>	SEPA: <input checked="" type="checkbox"/> Exempt <input type="checkbox"/> Not Exempt
	Fee Paid: <b>50-</b> Check No: <b>2951</b>	ECY Coding: 001-001-WR1-0285-000011
Date Returned	By	Priority Date <b>4/29/09</b> By <b>DSB</b> WRIA: <b>1</b>

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

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 ( North/ South) and \_\_\_\_\_ feet ( East/ West)  
 from the (NW SW NE SE  \_\_\_\_\_) corner of Section \_\_\_\_\_.

Parcel No.	¼	¼	Section	Township	Range	County
<u>370325-290220</u>	<u>SW</u>	<u>SE</u>	<u>25</u>	<u>37</u>	<u>R3E</u>	<u>Whatcom</u>
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:  
 \* 10 feet ( North/ South) and \_\_\_\_\_ feet ( East/ West)  
 from the (NW SW NE SE  \_\_\_\_\_) corner of Section \_\_\_\_\_.

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

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

**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.

That portion of the North 658 Feet of Government Lot 2 lying easterly of F-1 Line Road and the North 658 feet of the West half of the Northeast quarter in section 25, Township 37 North, Range 3 East of W.M., lying southerly of Barnes Creek.

¼	¼	Section	Twp.	Range	County	Parcel No.
<u>SW</u>	<u>SE</u>	<u>25</u>	<u>37</u>	<u>R3E</u>	<u>Whatcom</u>	<u>370325-290200</u>

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: \_\_\_\_\_

\* 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.

Attached

**Section 5. WATER SYSTEM DESCRIPTION**

X

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source): 4" PVC Line to catch water send down Hill 100 Ft through turbine & water to ~~basin~~ exit back into Creek using a 3'x2' Box with screen and 4" outlet in bottom attached to 4" Pipe.

**Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION NA**

Complete A or B, and C below

<b>A.) Domestic Water Systems only</b>	<b>B.) Municipal Water Systems only</b> <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)
<b>C.) Water System Planning</b>	
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 NA**

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):** NA

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**

X Indicate total feet of head 60 and proposed capacity in kilowatts: 1600 KW Per Month

Describe works: Gravity Flow 100 ft 4" PVC Pipe down to turbin installed in bottom of pipe, and water to exit back into creek. Turbine to produce constant power year around.

Indicate all uses to which power is to be applied: Residential House

FERC License No: Mintee\* 018ps (electrition)

**Mining/Industrial Use** NA

Describe use, method of supplying and utilizing water: \_\_\_\_\_

**Other Use**

**Section 9. WATER STORAGE**

X 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: \_\_\_\_\_

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: (See Attachment #1)  
Nully Rd off I 15 east to Pacific Hwy right on  
Manley Rd - 3 mi to mailbox 638/550 on left,  
Take driveway on right to end of the road.

Site Address: 640 Manley Rd. (no mailbox)

**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.

Douglas Rehfeldt [Signature] 4-27-09  
 Print Name Signature Date  
 (Applicant or authorized representative)

Same \_\_\_\_\_  
 Print Name Signature Date  
 (Landowner of Place of Use)

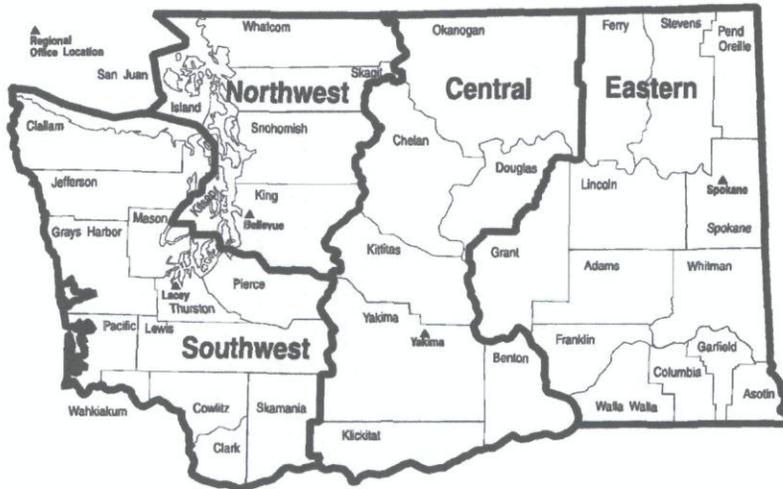
\_\_\_\_\_  
 Print Name Signature Date  
 (Landowner of Place of Use)

\_\_\_\_\_  
 Print Name Signature Date  
 (Landowner of Place of Use)

Submit your application to: DEPARTMENT OF ECOLOGY  
 CASHIERING SECTION  
 PO BOX 47611  
 OLYMPIA, WA 98504-7611

Please check the region in which your proposed project is located.  
 Southwest  Northwest  Central  Eastern

Below is a map of the State of Washington, with outlines of the four Ecology regional offices. If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.



Southwest Regional Office: 360-407-6300  
 Northwest Regional Office: 425-649-7000  
 Central Regional Office: 509-575-2490  
 Eastern Regional Office: 509-329-3400

Attachment #1

~~Project~~

Project

Barnes Creek

Parcel 370325 - 290200

640

Manley Rd

Pacific Hwy

I 15

Nolly Rd

Lake Samish

