



**Water Resources Program**  
**Application for a Water Right Permit**

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SEP 30 2011

DEPARTMENT OF ECOLOGY - CENTRAL REGIONAL OFFICE

**RECEIVED**

SEP 26 2011

- SURFACE WATER  GROUND WATER  PERMANENT  
 TEMPORARY  SHORT TERM  DROUGHT

*Follow the attached instructions. Attach additional sheets as necessary.*

Water Resources Program  
Department of Ecology

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

**Section 1. APPLICANT**

Applicant/Business Name: Public Utility District No. 2 of Grant County	Phone No: (509) 754-0500	Other No: (509) 754-6612
Address: P.O. Box 878		
City: Ephrata, WA 98823	State: WA	Zip: 98823
Email Address (optional): csears@gcpud.org		

Contact Name (if different from above): Clifford R. Sears	Phone No: (509) 754-6612	Other No: (509) 398-7234
Relationship to Applicant: Hydro Special Projects; Water Resources Project Manager		
Address: P.O. Box 878		
City: Ephrata	State: WA	Zip: 98823
Email Address (optional): csears@gcpud.org		

Legal Land Owner or Part Owner Name of the Proposed Place of Use: Public Utility District No. 2 of Grant County	Phone No: (509) 754-0500	Other No:
Address: P.O. Box 878		
City: Ephrata	State: WA	Zip: 98823
Email Address (optional): csears@gcpud.org		

**Section 2. STATEMENT OF INTENT**

Briefly describe the purpose of your proposed project: Provide water for municipal water supply purposes under RCW 90.03.015(4)(b), including the non-consumptive water supply for shaft seal lubrication of 10 turbine-generator sets and two turbine-pumps systems providing water supply to the fish ladder systems at Wanapum Dam.

Anticipated length of time to complete your project: No new construction anticipated.

**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)		
Industrial - non-consumptive	200		To be determined	Continuously
<b>TOTAL:</b>	200		TBD	

For Ecology Use	APPLICATION NO: <u>G4-33040</u>	SEPA: Exempt/Not Exempt
	Fee Paid: <u>Cost Reimb</u> Check No: _____	ECY Coding: 001-001-WR1-0285-000011
Date Returned _____	By _____	Priority Date <u>09-26-2011</u> By _____
		WRIA: <u>40-Kittitas</u>

**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: N/A/\_\_\_/\_\_\_ TO: N/A/\_\_\_/\_\_\_

**Section 3. POINT OF DIVERSION OR WITHDRAWAL**

(Complete A or B, and C below)

<p><b>A.) If Surface Water Source</b></p> <p><input type="checkbox"/> Spring <input type="checkbox"/> Creek <input type="checkbox"/> River <input type="checkbox"/> Lake  <input type="checkbox"/> Other: _____</p> <p>Source Name: _____</p> <p>Tributary to: _____</p> <p>Number of proposed diversion points: _____</p> <p>Do you have an existing diversion? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p><b>B.) If Ground Water Source</b></p> <p><input checked="" type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____</p> <p>Well diameter &amp; depth: <u>10" diameter and 142' drilled depth, 185' from top of dam.</u></p> <p>Number of proposed points of withdrawal: <u>1</u></p> <p>Do you have an existing well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If available, attach Water Well Report and pump test.</p> <p>Well Tag ID No. <u>ABR 740</u></p>
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**C.) Point of Diversion/Withdrawal – Legal Description**

Parcel No.	¼	¼	Section	Township	Range	County
554833			17	16 N.	23 E.W.M	Kittitas
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

2693 Feet ( North/ South) and 2679 feet ( East/ West)  
 from the (NW SW NE SE  \_\_\_ ) corner of Section 17.

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 \_\_\_\_\_

*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.**

Government Lots 3, 6 and 7 and Section 17, Township 16 N., Range 23 E.W.M. Kittitas County, Washington.

¼	¼	Section	Twp.	Range	County	Parcel No.
		17	16 N.	23 E.	Grant and Kittitas	554833

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

For Ecology Use	APPLICATION NO: _____ SEPA: Exempt/Not Exempt Fee Paid: _____ Check No: _____ ECY Coding: 001-001-WR1-0285-000011
Date Returned _____ By _____ Priority Date _____ By _____ WRIA: _____	

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: S3-01613C, R3-01615C and S3-00465C

**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.**

**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 equipment used to withdraw water consists of 3 motors and 3 pumps with the following characteristics: The TECO / Westinghouse motors are each rated at 15 hp, 575 volts and 13.3 amps and the American Marsh pumps are each rated at 3560 rpm and 80 gallons per minute (type HHRH). The flow is provided at or near a constant pressure so there are no storage requirements nor any applicable peak or maximum day demand typically associated with domestic systems.

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

(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: <u>0 from this water right application</u>
Type of connections: _____ <i>(e.g., home, recreational cabin)</i>	Estimate future population to be served: <u>0 from this water right application</u>

**C.) Water System Planning**

Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division?  YES  NO

If yes, date plan was approved 01/25/2010 Water System Number: 07-0509

Name of water system: Wanapum Water Systems Comprehensive Plan

Are you within the service area of an existing water system?  YES  NO

If yes, explain why you are unable to connect to the system: Although the point of withdrawal is included within the Wanapum Water System Comprehensive Plan identified above, however, after withdrawal the water is separated from the potable domestic water system and will be used for shaft seal lubrication of 10 turbine-generator sets and two turbine-pump systems providing water to the fish ladder systems at Wanapum Dam. There is not enough water under existing water rights to meet the projected future municipal supply and this non-consumptive use. Therefore, a new application is required.

**Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES**

**Irrigation**

Total number of acres requested to be irrigated under this application = 0.00 ACRES

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

**Stockwater**

List number and kind of stock: N/A

Is the proposed project for a dairy farm?  YES  NO

**Other Proposed Farm Uses**

Describe all proposed uses: None.

**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--- N/A**

Indicate total feet of head \_\_\_\_\_ and proposed capacity in kilowatts: \_\_\_\_\_

Describe works: \_\_\_\_\_

Indicate all uses to which power is to be applied: \_\_\_\_\_

FERC License No: \_\_\_\_\_

**Mining/Industrial Use**

Describe use, method of supplying and utilizing water: The equipment used to withdraw water consists of 3 motors and 3 pumps with the following characteristics: The TECO / Westinghouse motors are each rated at 15 hp, 575 volts and 13.3 amps and the American Marsh pumps are rated at 3560 rpm and 80 gallons per minute (type HHRH). The point and source of withdrawal is included within the Wanapum Water System Comprehensive Plan identified above, however, after withdrawal the water is separated from the potable domestic water system and will be used for the non-consumptive lubrication of 10 turbine-generator sets and two turbine-pump systems providing water to the fishway systems at Wanapum Dam and discharged into the Columbia River.

**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: \_\_\_\_\_

*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: Wanapum Dam is located in Central Washington on the Columbia River at River Mile 415 approximately 6 miles downstream of Vantage, Washington on the East side of the Columbia River in Grant County, Washington. Access to Wanapum Dam is primarily from state highway 243 on the East side of the Columbia River.

Site Address: 14353 Highway 243 S., Beverly, WA 99321

**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.**

Clifford R. Sears  
Print Name  
(Applicant or authorized representative)

Cliff Sears  
Signature *Hydro Special Projects* 9-21-11  
Date

Public Utility District No. 2 of Grant County  
Print Name  
(Legal Owner or Part Owner Place of Use)

Cliff Sears  
Signature *Hydro Special Projects* 9-21-11  
Date

Public Utility District No. 2 of Grant County  
Print Name  
(Legal Owner or Part Owner Place of Use)

Cliff Sears  
Signature *Hydro Special Projects* 9-21-11  
Date

Public Utility District No. 2 of Grant County  
Print Name  
(Legal Owner or Part Owner Place of Use)

Cliff Sears  
Signature *Hydro Special Projects* 9-21-11  
Date

**Please check the region in which the project is located:**

<b>*Submit your application to:</b> DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611	<input checked="" 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 type="checkbox"/> Northwest Regional Office	<input type="checkbox"/> Southwest Regional Office