



RECEIVED

NOV 19 2015

Water Resources Program
Application for a Water Right Permit
NON-CONSUMPTIVE HEAT EXCHANGE APPLICATION

SURFACE WATER GROUND WATER PERMANENT

TEMPORARY SHORT TERM DROUGHT

Follow the attached instructions. Attach additional sheets as necessary.

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

Section 1. APPLICANT

Applicant/Business Name: DANIEL NIMS	Phone No: (509) 301-9350	Other No:
Address: 2450 Wallula Avenue		
City: Walla Walla	State: Washington	Zip: 99362
Email Address (optional):		

Contact Name (if different from above):	Phone No:	Other No:
Relationship to Applicant:	<i>OK for priority processing in accordance with WAC 173-152-050(2)(c)</i>	
Address:		
City:	State:	Zip:

Legal Land Owner or Part Owner Name of the Proposed Place of Use: Daniel Nims	Phone No:	Other No:
Address: 2450 Wallula Avenue		
City: Walla Walla	State: Washington	Zip: 99362
Email Address (optional):		

Section 2. STATEMENT OF INTENT

Briefly describe the purpose of your proposed project: **An open-loop heat exchange system for a single domestic home. The use of water under this application will be non-consumptive; the intent is to withdraw the water from a gravel aquifer well, run the water through a heat exchange system, and return the water to the gravel aquifer in the same quantities as those withdrawn.**

Anticipated length of time to complete your project: **3 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) <input type="checkbox"/> Cubic Feet per Second (CFS) <input checked="" type="checkbox"/> Gallons per Minute (GPM)	Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
Non-consumptive heat exchange	6.0	2.5	Continuously
TOTAL:			

For Ecology Use	APPLICATION NO: 63-30748	SEPA: Exempt/Not Exempt
Fee Paid: <input checked="" type="checkbox"/>	Check No:	ECY Coding: 001-001-WR1-0285-000011
Date Returned: 11-19-2015	By: RT	Priority Date: 11-19-2015
		By: RT
		WRIA: 32

6796370

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

Section 3. POINT OF DIVERSION OR WITHDRAWAL
(Complete A or B, and C below)

<p>A.) If Surface Water Source</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.) If Ground Water Source</p> <p><input checked="" type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____</p> <p>Well diameter & depth: 8-inch/155 feet bgs</p> <p>Number of proposed points of withdrawal: One</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. AAZ 354</p>
---	---

C.) Point of Diversion/Withdrawal – Legal Description

Parcel No.	¼	¼	Section	Township	Range	County
350727320025	NW	SW	27	7 N	35 E	Walla Walla
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:
1850 Feet (North/ South) and **885** feet (East/ West)
 from the (NW SW NE SE _____) corner of Section **27**.

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.

Lot A of Short Plat filed in Book 4 of Short Plats at Page 286, under Auditor's File No. 2008-11941, records of the Auditor of Walla Walla County, State of Washington. Situate in the County of Walla Walla, State of Washington.
Tax Parcel Number: 350727320025

¼	¼	Section	Twp.	Range	County	Parcel No.
		27	7	35 E.	Walla Walla	350727320025

For Ecology Use	APPLICATION NO: G3-30748	SEPA: <input checked="" type="checkbox"/> Exempt <input type="checkbox"/> Not Exempt
	Fee Paid: <input checked="" type="checkbox"/>	Check No: _____ ECY Coding: 001-001-WR1-0285-000011
Date Returned: CS	By: RT	Priority Date: 11-19-2015 By: RT WRIA: 32

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: N/A

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 of Change to WW Adjudicated Certificate No.

198 (WRIS No. S3-CV2-3P60 – Daniel F. Nims)

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): Water will be pumped from an existing well (see attached well log) and run through an open loop heat exchange system serving a single family residence. The water will be returned to the source aquifer by means of a 4-inch perforated drain pipe, laid in a trench of approximately 36" – 48" in depth. The pipe will be wrapped in Geotextile fabric and backfilled with 6" of gravel and topsoil.

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION N/A
(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: <u>1</u>	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? YES 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? YES NO
If yes, explain why you are unable to connect to the system: _____

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES N/A

Irrigation

Total number of acres requested to be irrigated under this application = None ACRES

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

Stockwater

List number and kind of stock: None

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

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: N/A

Other Use

Non-consumptive withdrawal for heat exchange purposes to a single residence

Section 9. WATER STORAGE N/A

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: _____

