



Application for a Water Right Permit

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For Ecology Use
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AUG 31 2012

DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

12 AUG 28 AM

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

I have participated in a pre-application conference with Ecology.

Applicant/Business Name: Elisabeth Maughan	Phone No: 509-932-4050	Other No: 509-840-4400
Address: 22591 RD M SW		
City: Mattawa	State: Wa.	Zip: 99349
Email Address (if available):		

Contact Name (if different from above): Nathan Maughan	Phone No: 509-840-4400	Other No: 509-932-4050
Relationship to Applicant: Spouse		
Address: 22591 RD M SW		
City: Mattawa	State: Wa	Zip: 99349
Email Address (if available): NJMaughan@gmail.com		

Legal Land Owner or Part Owner Name of the Proposed Place of Use: Maughan Et. Al. Llc	Phone No: 509-932-4050	Other No:
Address: 22591 RD M SW		
City: Mattawa	State: Wa	Zip: 99349
Email Address (if available):		

For Ecology Use	APPLICATION NO: G3-30673	SEPA: Exempt <u>Not Exempt</u>
	Fee Paid: _____ Check No: _____	ECY Coding: 001-001-WR1-0285-000011
Date Returned _____	By _____	Priority Date 8/28/2012 By RT WRIA: 36 Grant Cnty
Pre-application interviewer: _____		

5404589

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: Irrigation water for up to 500 acres of farmland.
Land is on the south slope of Saddle Mtn and would support vineyard, orchard, and row crop. Further use for
dust control and maintenance on roads and temperature control for cattle and crops, and establish wind breaks
 Anticipated length of time to complete your project: 3 years

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)		
<u>500 Acres</u> Irrigation	5000		1500	Seasonal
Misc Farm use/Dust Control	Included above			Continual
Road Maintenance	Included above			Continual
TOTAL:	5000		1500	

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 type="checkbox"/> River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____ Source Name: _____ Tributary to: _____ Number of proposed diversion points: _____ Do you have an existing diversion? <input type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____ Well diameter & depth: <u>See Attached</u> Number of proposed points of withdrawal: <u>8 max</u> Do you have an existing well? <input type="checkbox"/> YES <input checked="" 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
150871000			23	15 N	24E	Grant
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 _____

See Attached

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.

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.
		23	15N	24E	Grant	150871000

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: Maughan Et. Al. Llc., 22591 RD M SW Mattawa, Wa. 99349. (509) 932-4050

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.

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source): _____ Up to 8 wells with submersible pumps of approximately 400+ HP (varies according to depth and GPM available) will be used to supply an irrigation pond at central location at the south of the property. Standard irrigation pumps will be used to supply the various fields to be farmed. The HP and volume will vary according to the land irrigated. Some will be used in overhead pivots at a similar elevation to the pumping station. Some pumps will be required to pump up a rise of several hundred feet to irrigate what would be vineyard and orchard. Number and size of the pumps will also vary according to quantity of water allocated, if less water is allocated then farming will remain at the lower elevation ground. If a deeper aquifer is permitted then a larger well diameter and pump will be necessary.

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 = 500 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: _____ . To control dust on and improve and maintain roads. To establish trees and wind breaks, To control temperatures for cattle (cooling), and control frost for crops.

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: _____

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: Less than 10 acre feet will be stored at the central irrigation pond. If more water is necessary then multiple smaller ponds will be dug below the surface grade.

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: Drive East on County RD 24 SW from Mattawa. Turn left (North) on RD M SW. Go North approximately 3 miles until you reach project site.

Site Address: No address at site. Stop in at the feedlot office on 22591 RD M SW if you need directions.

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.

Nathan Maughan
 Print Name
 (Applicant or authorized representative)

Nathan Maughan
 Signature

8/24/12
 Date

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

Gary Maughan
 Signature

8/24/2012
 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 checked="" type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400
	<input 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.



Answer to Section 3. POINT OF DIVERSION OR WITHDRAWAL.

B.)

1. Groundwater Source: **WELLS**

2. Well Diameter and Depth: The diameter will vary according to the depth of the permitted well. If permitted at greater than 800 feet I expect a diameter of up to 30 inches to accommodate a 400+ HP motor at the surface with shaft and pump down below water level. A shallower aquifer will allow for a smaller diameter well.

3. Number and Points of Withdrawal: Up to 8 wells located in the following areas

W1/2 S1/2 S1/2 of Sec 23 T15N R24E

E1/2 S1/2 S1/2 of Sec 23 T15N R24E

W1/2 N1/2 S1/2 of Sec 23 T15N R24E

E1/2 N1/2 S1/2 of Sec 23 T15N R24E

The number of wells will vary based on the actual available water. It is hoped that the desired GPM can be achieved with a smaller number of wells.