



RECEIVED

December 4 2005

Application for a Water Right

Please follow the attached instructions to avoid unnecessary delays.

Washington State Department of Ecology

For Ecology Use
Fee Paid _____
Date _____

Section 1. APPLICANT - PERSON, ORGANIZATION, OR WATER SYSTEM

Name Yelm Community Schools / Erling Birkland Home Tel: \_\_\_\_\_  
 Mailing Address P.O. Box 476 Work Tel: 360.458.6128  
 City Yelm State Wa Zip+4 98597 FAX: 360.458.6434

Section 2. CONTACT - PERSON TO CALL ABOUT THE APPLICATION

Same as above

Name Jerome W. Morrissette & Assoc. Inc., P.S. / Terry Weeks Home Tel: \_\_\_\_\_  
 Mailing Address 1700 Cooper Pt. Rd SE #B-2 Work Tel: 360.352.9456  
 City Olympia State Wa Zip+4 98502 FAX: 360.352.9990  
 Relationship to applicant Consulting Engineers

Section 3. STATEMENT OF INTENT

The applicant requests a permit to use not more than 20 gallons per minute from a ground water  
 for the purpose(s) of Irrigation and Domestic use

ATTACH A "LEGAL" DESCRIPTION OF THE PLACE OF USE. (See instructions.)

NOTE: A tax parcel number or a plat number is not sufficient.

Estimate a maximum annual quantity to be used in acre-feet per year: 10.86

Check if the water use is proposed for a short-term project. Indicate the period of time that the water will be needed:

From \_\_\_\_\_ to \_\_\_\_\_

Section 4. WATER SOURCE

If SURFACE WATER	If GROUNDWATER
Name the water source and indicate if stream, spring, lake, etc. If unnamed, write "unnamed spring," "unnamed stream," etc.:	A permit is desired for <u>1</u> well(s).
Number of diversions: _____	
Source flows into (name of body of water):	Size & depth of well(s): <u>6" x 254FT</u>

LOCATION

Enter the north-south and east-west distances in feet from the point of diversion or withdrawal to the nearest section corner: 160 FT NORTH AND 499 FT WEST OF THE SE CORNER SECTION 24, T 16N., R 2E.

¼ of	¼ of	Section	Township	Range(E/W)	County	If location of source is platted, complete below:		
						Lot	Block	Subdivision
SE	SE	24	16N	2E	THURSTON			

For Ecology Use Date Received: 12/14/05 Priority Date: 12/14/05  
 SEPA: Exempt/Not Exempt FERC License # \_\_\_\_\_ Dept. Of Health # \_\_\_\_\_  
 Date Accepted As Complete 12/19/05 By SC Date Returned \_\_\_\_\_ By \_\_\_\_\_ WRIA: 11

Appl. No.: 62-30301

**Section 5. GENERAL WATER SYSTEM INFORMATION**

- A. Name of system, if named: Lackamas Elementary School Water System, ID AB023 G
- B. Briefly describe your proposed water system. (See instructions.)  
 An existing approved group A water system that provides domestic water for an elementary school will be expanded. Future expansion of the site may include: additional students, construction of additional buildings, conversion of existing onsite residence to office, and or installation of portable classrooms.  
 Demands for future expansion will increase the withdrawal to over 5,000 gpd. Current demand is 3,300 gpd. (2,500 gpd for the school and 800 gpd for the existing single-family residence.)  
 See additional information for system components.
- C.  No Do you already have any water rights or claims associated with this property or system?  
 PROVIDE DOCUMENTATION.

**Section 6. DOMESTIC / PUBLIC WATER SUPPLY SYSTEM INFORMATION**  
(Completed for all domestic/public supply uses.)

- A. Number of "connections" requested: 2 Type of connection School and residence  
 (Homes, Apartment, Recreational, etc.)
- B.  No Are you within the area of an approved water system?  
 If yes, explain why you are unable to connect to the system. \_\_\_\_\_  
 Note: Regional water systems are identified by your County Health Department.

Complete C. and D. only if the proposed water system will have fifteen or more connections.

- C.  Yes Do you have a current water system plan approved by the Washington State Department of Health?  
 If yes, when was it approved? Sept. 29 2005 Please attach the current approved version of your plan.
- D.  Yes Do you have an approved conservation plan?  
 If yes, when was it approved? Sept 29 2005 Please attach the current approved version of your plan.

**Section 7. IRRIGATION/AGRICULTURAL FARM INFORMATION**  
(Complete for all irrigation and agriculture uses.)

- A. Total number of acres to be irrigated: 3
- B. List total number of acres for other specified agricultural uses:  
 Use \_\_\_\_\_ Acres \_\_\_\_\_  
 Use \_\_\_\_\_ Acres \_\_\_\_\_  
 Use \_\_\_\_\_ Acres \_\_\_\_\_
- C. Total number of acres to be covered by this application: 7.38 ac
- D. Family Farm Act (Initiative Measure Number 59, November 3, 1977)  
 Add up 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;  
 ‡ Acreage proposed to be irrigated under other pending application(s).  
 1. Is the combined acreage greater than 2000 acres?  No  
 2. Do you have a controlling interest in a Family Farm Development Permit?  No  
 If yes, enter permit no: \_\_\_\_\_
- E. Farm uses:  
 Stockwater - Total # of animals \_\_\_\_\_ Animal type \_\_\_\_\_ (If dairy cattle, see below)  
 Dairy - # Milking \_\_\_\_\_ # Non-milking \_\_\_\_\_

APPLICATION

**Section 8. WATER STORAGE**

Will you be using a dam, dike, or other structure to retain or store water?

Yes

*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 apply for a reservoir permit. You can get a reservoir permit application from the Department of Ecology.*

**Section 9. DRIVING DIRECTIONS**

Provide detailed driving instructions to the project site.

FROM YELM GO S.E. ON HWY 507 TO BALD HILL RD. TURN RIGHT (SE) ON BALD HILL RD TO PEISSNER RD. SCHOOL IS ON NE CORNER AT PEISSNER AND BALD HILL RD

**Section 10. REQUIRED MAP**

A. Attach a map of the project. (See instructions.)

**Section 11. PROPERTY OWNERSHIP**

A. Does the applicant own the land on which the water will be used?

Yes

If no, explain the applicant's interest in the place of use and provide the name(s) and address(es) of the owner(s):

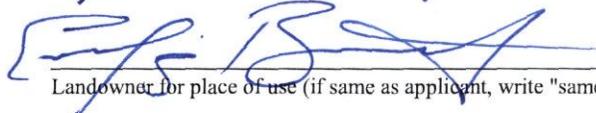
B. Does the applicant own the land on which the water source is located?  
If no, submit a copy of agreement.

Yes

**I certify that the information above 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 I may have been assisted in the preparation of the above application by the employees of the Department of Ecology, all responsibility for the accuracy of the information rests with me.**

  
Applicant (or authorized representative)

12.14.05  
Date

  
Landowner for place of use (if same as applicant, write "same")

12.14.05  
Date

Use this page to continue your answers to any questions on the application. Please indicate section number before answer.

5B

The well pump is a Goulds 5GS07 sized for 5 gpm withdrawal. The well is equipped with a Maass Midwest Manufacturing Inc., Model J weld-on pitless adapter. A 5/8"x3/4" Multi-Jet Master Meter will be installed prior to storage tanks.

The storage tanks total 6,000 gallons (equalizing storage of 3,500 gallons) to accomodate some outages and future growth.

Booster pumps are Goulds 3SVB1H2CVIC, rated at 60 gpm at 127 TDH and are sized to accomodate some future growth for a total peak flow of 120 gpm (with 95 gpm the current peak demand). The booster system is equipped with three pumps rated at 60 gpm per pump. The pumps are configured with the lead pump being controlled by a variable speed drive and with the second and third pump utilizing across the line motor starters, which will be controlled by the constant pressure controller. The pumps alternate in the lead lag series to ensure all pumps are exercised regularly. The pressure setting for the variable speed drive is set for 40 psi, which can be adjusted slightly to meet the needs of the school facilities if required.

The pressure tank required for the variable speed pumping system is 20% of the peak demand. Therefore, the size of the required pressure is 24 gallons. The pressure tank selected for the system is a Well-X-Trol WX202XC which provides a volume of 26 gallons.

Waterlines include 438 lf 4", 387 lf 3", 221 lf 2", 439 lf 1 1/4".

6C

The approval through Washington State Department of Health is for a small water system management plan which does not require inclusion of a conservation plan as a part of the document.

We are returning your application for the following reason(s):	
_____ Examination fee was not enclosed	APPLICANT PLEASE RETURN TO CASHIER, PO BOX 5128, LACEY, WA 98509-5128
_____ Section number(s) _____ is/are incomplete	APPLICANT PLEASE RETURN TO THE APPROPRIATE REGIONAL OFFICE
Explanation:	
Please provide the additional information requested above and return your application by _____ (date).	

Ecology staff \_\_\_\_\_ Date \_\_\_\_\_

Ecology is an Equal Opportunity employer.

To receive this document in alternative format, contact the Water Resources Program at (360) 407-6604 (Voice) or (360) 407-6006 (TDD).

**APPLICATION**