

PRELIMINARY PERMIT

file

State of Washington
Department of Ecology
Yakima, Washington

IN THE MATTER OF GROUND WATER)
APPLICATION G4-32247 FOR A PERMIT TO) PRELIMINARY
APPROPRIATE GROUND WATERS FOR CONTINUOUS) PERMIT
COMMUNITY DOMESTIC SUPPLY)

TO: William and Patricia Stifter
East 1509 27th Ave
Spokane WA 99203-3815

RE: Preliminary Permit to explore aquifer(s) potentially available
for development under application G4-32247.

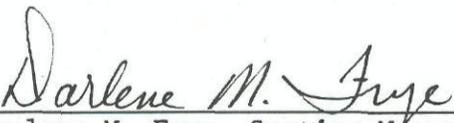
Under application number G4-32247, William and Patricia Stifter applied for a permit to appropriate ground waters of the state of Washington for community domestic use. The applicants applied for appropriation of up to 140 gallons per minute (gpm) from a well for use on lands located within Government Lot 2, being within the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 31, T. 33 N., R 18 E.W.M., Chelan County, Washington for use on lands within the same legal description. For planning, scope of project, and project definition the applicants have an immediate need to evaluate whether or not there exists an aquifer capable of supplying the proposed project. Therefore, a Preliminary Permit will be granted and will be subject to the following:

1. The priority date of Ground Water Application G4-32247 is November 21, 1994.
2. The duration of the PRELIMINARY PERMIT authorization is until February 1, 1998.
3. This PRELIMINARY PERMIT authorizes one well be drilled for testing within Government Lot 2, being within the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 31, T. 33 N., R. 18 E.W.M., Chelan County, Washington.
4. This PRELIMINARY PERMIT authorizes a pump test of a well to determine its quantity, sustainability, and suitability as a ground water source for a water system serving up to 14 connections.
5. In accordance with the Washington State Department of Health pump test requirements for source approval (WAC 246-190-130), the well shall be pumped at a constant rate for no less than four (4) hours after stabilization has occurred (defined as less than or equal to 0.10 foot deviation of drawdown per hour). The well shall be tested at the constant proposed rate of withdrawal of 140 gallons per minute (gpm), or at the highest rate practical as determined by a step drawdown test, whichever is greater. Drawdown and recovery measurements must be made in the same manner and at the same or greater frequency as described in Water Resource Information System (WRIS) Information Bulletin No. 30. Once the pump has been turned off measurements shall be taken until 95% recovery is achieved. All procedures shall conform with Bulletin No. 30 and the following:
 - o The constant pumping rate shall be determined by a step-drawdown test (pre-test) and the pumping well left to recover to near static water levels prior to initiation of the actual aquifer/constant rate pump test.
 - o All data gathered from the step drawdown test including discharge rates, drawdown measurements, durations of each step and whether the well has been allowed to recover to near static condition between steps shall be submitted to Ecology.

- o A minimum of twenty-four hours prior to testing, all wells that have been determined either to be affected by or to have an effect on the aquifer/constant rate pump test shall be shut down. If these wells cannot be shut down, the pump operation time, pump discharge rate, and water level in the well shall be recorded if possible.
 - o Water level measurements shall be taken during pumping and recovery. Frequency of measurements included in the Bulletin No. 30 are a minimum.
 - o Water discharge measurements from the pumping well shall be recorded along with all other data required, and shall be submitted to the Department of Ecology. Discharge measurements shall be taken as frequently as necessary to assure a constant discharge during the test and to document variations occurring during the test.
 - o Recovery measurements should be made in the same manner as the drawdown measurements and at the same frequency. Recovery measurements may be terminated upon stabilization of the aquifer. Stabilization is defined as at least 95% recovery of the level measured prior to start of any pumping.
6. All water wells constructed within the state shall meet the minimum standards for construction and maintenance as provided under RCW 18.104 (Washington Water Well Construction Act of 1971) and Chapter 173-160 WAC (Minimum Standards for Construction and Maintenance of Water Wells, enclosed).
7. An access port, as described in the Department of Ecology's Ground Water Bulletin No. 1 (ECY 040-1-3, Rev. 12/90), shall be installed and maintained on the test well.
8. The well shall be drilled by a licensed well driller as set forth in Washington Administrative Code (WAC) 173-160-040.
9. When testing is completed, the data shall be analyzed and all pertinent information compiled into a report. This report shall be submitted to the Department of Ecology, Central Regional Office and shall include or address the following:
- o A well construction report (well log) for the pumping well and all monitoring wells.
 - o Horizontal and vertical distances, to the nearest foot, from pumping well to Lake Chelan and a map indicating all well locations.
 - o Identification of all measuring points (mp) such as well 1, well 2, etc., with details indicating the mp location, such as top of the well casing.
 - o Elevations, relative to mean sea level, of all measuring points (Department of Ecology will be responsible for obtaining elevations for Lake Chelan).
 - o Total well depths for all wells, in addition to depths to the top and bottom of screen interval and depth to pump intake on the pumping well.

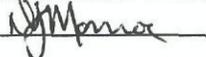
- o A copy of all test results and data.
 - o A copy of any field log notes describing weather conditions or other conditions which may affect test results.
10. All expenses, risks, and liabilities incurred during testing of this well shall be borne by the applicant.
 11. The instantaneous quantity of water withdrawn for the well tested under this PRELIMINARY PERMIT shall not exceed 140 gpm.
 12. This PRELIMINARY PERMIT for testing does not constitute approval for use. No beneficial use will be allowed from this well until such time as specific approval is given for such use. Approval will not be considered until such time as the above conditions have been met. Furthermore, you should be aware that your proving availability of water in itself will not constitute our approval.
 13. The granting of this PRELIMINARY PERMIT shall not be construed, by inference or otherwise to mean that subject application will ultimately be approved.
 14. Any wells drilled under this PRELIMINARY PERMIT must remain accessible to the Department of Ecology for periodic reading by field staff.
 15. At the time this authorization ends unless otherwise authorized, the wells drilled under authority of the preliminary permit shall be capped or abandoned according to WAC 173-160 to prohibit water use. If capped, the access ports must remain functional for measurement.
 16. Progress reports shall be required on six month intervals.
 17. Issuance of this Preliminary Permit is an appealable decision under Chapter 43.21B RCW. If you would like to appeal this order and determination, you must file your appeal with the Washington Pollution Control Hearings Board, PO Box 40903, Olympia, Washington 98504-0903 within thirty (30) days of your receipt of this letter and the enclosed Preliminary Permit. A copy of your appeal must also be sent to the Department of Ecology, Shorelands and Water Resources Program, c/o Linda Pilkey-Jarvis, PO Box 47600, Olympia, Washington 98504-7600 within thirty (30) days of your receipt of this Preliminary Permit.

Signed at Yakima, Washington this 21st day of March, 1996.



Darlene M. Frye, Section Manager
Shorelands and Water Resources Program
Central Regional Office
Department of Ecology

ENGINEERING DATA

OK 

DF:JTM:ska
960209.wr6

Enclosure: Ground Water Bulletin No. 1
WRIS Information Bulletin No. 30

Z 350 869 301



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to STIFTER	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	3-21-96

PS Form 3800, March 1993

Fold at line over top of envelope to the right of the return address

CERTIFIED

Z 350 869 301

MAIL

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
 - 2. Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to:

WILLIAM AND PATRICIA STIFTER
EAST 1509 27TH AVE
SPOKANE WA 99203-3815

64-32247 PP

4a. Article Number

2 350 869 301

4b. Service Type

- Registered
- Certified
- Express Mail
- Insured
- COD
- Return Receipt for Merchandise

7. Date of Delivery

3/22/96

5. Signature (Addressee)

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

Z 350 869 299



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to <i>Passmore CCT</i>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	<i>3-21-96</i>

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- Restricted Delivery *JTM*

Consult postmaster for fee.

2. Article Addressed to:

Gary Passmore, Director
Environmental Trust
Colville Confederated Tribes
PO Box 150
Nespelem WA 99155-0150

4a. Article Number

Z 350 869 299

4b. Service Type

- | | |
|---|---|
| <input type="checkbox"/> Registered | <input type="checkbox"/> Insured |
| <input checked="" type="checkbox"/> Certified | <input type="checkbox"/> COD |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Return Receipt for Merchandise |

7. Date of Delivery

MAR 22 1996

5. Signature (Addressee)

6. Signature (Agent)

64-3 2247 PP STIFTER

[Signature]

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991

★U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

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Z 350 869 300



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(See Reverse)

Street and No.	3 Palmer YW
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
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PS Form 3800, March 1993

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Consult postmaster for fee. JTM

2. Article Addressed to:

Carroll Palmer, Deputy Director
Natural Resources Division
Yakama Indian Nation
PO Box 151
Toppenish WA 98948-0151

4a. Article Number

Z 350 869 300

4b. Service Type

- | | |
|---|---|
| <input type="checkbox"/> Registered | <input type="checkbox"/> Insured |
| <input checked="" type="checkbox"/> Certified | <input type="checkbox"/> COD |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Return Receipt for Merchandise |

7. Date of Delivery

MAR 22 1996

5. Signature (Addressee)

64-302471D STIFTER

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

ANTOINETTE LUCEI

PS Form 3811, December 1991

U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.