



State of Washington
DRAFT
REPORT OF EXAMINATION
FOR WATER RIGHT APPLICATION

PRIORITY DATE
10/12/1994

WATER RIGHT NUMBER
G3-29751

MAILING ADDRESS
WILLIAM WILDEN
PO BOX 47
GIFFORD WA 99131

SITE ADDRESS (IF DIFFERENT)

Quantity Authorized for Withdrawal or Diversion

WITHDRAWAL OR DIVERSION RATE	UNITS	ANNUAL QUANTITY (AF/YR)
20	GPM	3

Purpose

PURPOSE	WITHDRAWAL OR DIVERSION RATE		UNITS	ANNUAL QUANTITY (AF/YR)		PERIOD OF USE (mm/dd)
	ADDITIVE	NON-ADDITIVE		ADDITIVE	NON-ADDITIVE	
Group Domestic Supply for three homes (includes 1/2 acre for each lot)	20		GPM	3		01/01 - 12/31

Source Location

COUNTY	WATERBODY	TRIBUTARY TO	WATER RESOURCE INVENTORY AREA
STEVENS	GROUNDWATER		58-MIDDLE LAKE ROOSEVELT

SOURCE FACILITY/DEVICE	PARCEL	WELL TAG	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
A well	1647548		33 N.	37 E.	34	SW1/4NW1/4	48.3119	118.1407

Datum: NAD83/WGS84

Place of Use (See Attached Map)

PARCELS (NOT LISTED FOR SERVICE AREAS)

1647574, 1647560, 1647548

LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE

Tax #31: That portion of the SW1/4 and that portion of the S1/2NW1/4, All in Sec. 34, T. 33 N., R. 37 E.W.M., Stevens County, Washington described as follows: Commencing at the S quarter corner of Sec. 34, thence, along the East line of the SW1/4 of said Sec. 34, N 1°46'28" W 2617.48 ft. to the

intersection with the centerline of County Road No. 1686 and the point of beginning for this description, said point being the SE corner of Parcel "C" as shown on that map recorded in Book 13 of Surveys at Page 81; thence leaving the East line of the SW¼ of said Sec. 34 and along the centerline of said County Road No. 1686 N. 28°28'22" W. 651.44 ft.; thence N. 38°18'31" W. 307.22 ft.; thence leaving the centerline of said County Road, S. 72°27'18" W. 1109.99 ft., to the West line of Parcel "A" as shown and described on that map recorded I Book 12 of Surveys at Page 116; thence along said West line, S 20°22'37" E. 87.75 ft.; thence S 25°32'52" E. 171.15 ft. thence S 2°47'06" E. 99.28 ft.; thence S. 2°39'37" W. 148.35 ft. to the SW corner of Parcel "C" as shown and described on that map recorded in Book 13 of Surveys at Page 81; thence leaving the W. line of said Parcel "A" and along the S. line of said Parcel "C", N. 89°48'24" E. 1457.07 ft. to the point of beginning.

Tax # 12 (SP 69-92-1) Tax #12: Lot ASP 69-92-1: That portion of the SW¼ of Sec. 34, T. 33 N., R. 37 E.W.M., Stevens County, Washington, described as follows: Commencing at the S¼ corner of said Sec. 34, from which the SW corner thereof bears S. 88°58'15" W., 2640.04'; thence N. 1°46'28" W., along the E. line of said SW¼, a distance of 1281.77' to the true point of beginning for this description; thence continuing N. 1°46'28" W, a distance of 544.50'; thence S. 88°13'32" W., a distance of 400.00'; thence S. N. 1°46'28" E., a distance of 544.40'; thence N. 88°13'32" E., a distance of 400.00' to the point of beginning.

Tax #15 (SP 69-92-2 of ASP 69-92) Tax #15: Lot SP 69-92-2: That portion of the SW¼ in Sec. 34, T. 33 N., R. 37 E.W.M., Stevens County, Washington, described as follows: Commencing at the S ¼ corner of said Sec. 34, from which the SW corner thereof bears S. 88°58'15" W 2640.04'; thence N. 1°46'28" W, along the E. line of said SW¼, a distance of 1281.77'; thence leaving said E. line S. 88°13'32" W 800.00' to the true point of beginning for this description; thence S. 88°13'32" W. 847.15' to the W. line of that tract of land shown and described as Parcel A on that map recorded in Book 12 of surveys, at Page 116 and 117; thence, along said W line N. 0°31'17" E. 280.51'; thence N. 4°44'09" E. 265.93'; thence leaving said W. line N. 88°13'32" E. 805.76'; thence S. N. 1°46'28" E. 544.50' to the point of beginning.

Proposed Works

A well 6" x 570 feet deep , 5 hp pump,

Development Schedule

BEGIN PROJECT	COMPLETE PROJECT	PUT WATER TO FULL USE
Begun	Complete	In use

Measurement of Water Use

How often must water use be measured?	Annually
How often must water use data be reported to Ecology?	Upon Request by Ecology
What volume should be reported?	Total Annual Volume
What rate should be reported?	Annual Peak Rate of Withdrawal (gpm)

Provisions

Wells, Well Logs and Well Construction Standards

All wells constructed in the state shall meet the construction requirements of WAC 173-160 titled "Minimum Standards for the Construction and Maintenance of Wells" and RCW 18.104 titled "Water Well Construction". Any well which is unusable, abandoned, or whose use has been permanently discontinued, or which is in such disrepair that its continued use is impractical or is an environmental, safety or public health hazard shall be decommissioned.

All wells shall be tagged with a Department of Ecology unique well identification number. If you have an existing well and it does not have a tag, please contact the well-drilling coordinator at the regional Department of Ecology office issuing this decision. This tag shall remain attached to the well. If you are required to submit water measuring reports, reference this tag number.

Installation and maintenance of an access port as described in WAC 173-160- 291(3) is required.

Measurements, Monitoring, Metering and Reporting

An approved measuring device shall be installed and maintained for each of the sources identified by this water right in accordance with the rule "Requirements for Measuring and Reporting Water Use", WAC 173-173.

WAC 173-173 describes the requirements for data accuracy, device installation and operation, and information reporting. It also allows a water user to petition the Department of Ecology for modifications to some of the requirements.

Water Use Efficiency

The water right holder is required to maintain efficient water delivery systems and use of up-to-date water conservation practices consistent with RCW 90.03.005.

Schedule and Inspections

Department of Ecology personnel, upon presentation of proper credentials, shall have access at reasonable times, to the project location, and to inspect at reasonable times, records of water use, wells, diversions, measuring devices and associated distribution systems for compliance with water law.

Findings of Facts

Upon reviewing the investigator's report, I find all facts, relevant and material to the subject application, have been thoroughly investigated. Furthermore, I concur with the investigator that water is available from the source in question; that there will be no impairment of existing rights; that the purpose(s) of use are beneficial; and that there will be no detriment to the public interest.

Therefore, I ORDER approval of Application No. G3-29751, subject to existing rights and the provisions specified above.

Your Right To Appeal

You have a right to appeal this Order to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt of this Order. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do the following within 30 days of the date of receipt of the Order.

File your appeal and a copy of this Order with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.

- Serve a copy of your appeal and this Order on Ecology in paper form - by mail or in person. (See addresses below.) E-mail is not accepted.
- You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Street Addresses	Mailing Addresses
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	Department of Ecology Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board 1111 Israel RD SW Ste 301 Tumwater, WA 98501	Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903

Signed at Spokane, Washington, this day of 2013.

Keith L. Stoffel, Section Manager

For additional information visit the Environmental Hearings Office Website: <http://www.eho.wa.gov>. To find laws and agency rules visit the Washington State Legislature Website: <http://www1.leg.wa.gov/CodeReviser>.

BACKGROUND

This report serves as the written findings of fact concerning Water Right Application Number G3-29751.

Public Notice

RCW 90.03.280 requires that notice of a water right application be published once a week, for two consecutive weeks, in a newspaper of general circulation in the county or counties where the water is to be stored, diverted and used. Notice of this application was published in the Chewelah Independent on May 16 and 23, 2013 and no protests were received.

State Environmental Policy Act (SEPA)

A water right application is subject to a SEPA threshold determination (i.e., an evaluation whether there are likely to be significant adverse environmental impacts) if any one of the following conditions are met.

- (a) It is a surface water right application for more than 1 cubic foot per second, unless that project is for agricultural irrigation, in which case the threshold is increased to 50 cubic feet per second, so long as that irrigation project will not receive public subsidies;
- (b) It is a groundwater right application for more than 2,250 gallons per minute;
- (c) It is an application that, in combination with other water right applications for the same project, collectively exceed the amounts above;
- (d) It is a part of a larger proposal that is subject to SEPA for other reasons (e.g., the need to obtain other permits that are not exempt from SEPA);
- (e) It is part of a series of exempt actions that, together, trigger the need to do a threshold determination, as defined under WAC 197-11-305.

Because this application does not meet any of these conditions, it is categorically exempt from SEPA and a threshold determination is not required.

INVESTIGATION

A site visit was conducted by Kevin Brown on August 29, 2013. The proposed point of withdrawal was constructed in 1992 and was in operation. Application G3-29751 requests authorization of three units. Three homes are constructed and using the water for domestic supply and irrigation of lawns of up to ½ acre of lawn per lot.

The Washington State Irrigation Guide (WA210-VI-WAIG, AMEND.1NOVEMBER1990 at Newport, Washington) estimates that 34.44 inches of water or 2.87 acre-feet per acre (based on 70% system efficiency) is required. These lots typically require less than one acre-foot of water per lot. Therefore one acre-foot per lot should be adequate for the irrigation of ½ acre and domestic use for each unit.

Beneficial Use

Group domestic supply (including ½ acre irrigation per lot) is a beneficial use.

Hydrogeology

This application is for new water to be withdrawn out of bedrock near Gifford, WA. The well was constructed in 1992. The well is located within the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 34, T. 33 N, R. 37 E.W.M.

The proposed well exists and a well log is available. The well is 6 inches in diameter and 570 feet deep. It is soil and clay in the top 102 feet. The remaining hole encounters intercalated dolomite and quartzite metasedimentary unit to its total depth at 570 feet below ground surface. The static water level in 1992 was 287 feet below ground surface and the well yield was estimated at 15-20 gallons per minute.

Most wells in the vicinity produce small amounts of water out of the clay unit overlying the metasedimentary unit. There are few water users in the area.

The static water level is 287 feet below ground surface, and the approximate surface elevation at the well site is approximately 1620 feet above mean sea level (msl). The elevation of the potentiometric surface is therefore about 1318 feet msl. This is approximately 38 feet above the Lake Roosevelt pool elevation of 1280 feet msl. Thus, this water is tributary to, but not in hydraulic connection with, the Columbia River at Lake Roosevelt.

Given the few users in the vicinity, and few of those users producing from this body of public ground water, taken together with the well yield, water appears to be physically available for this appropriation, and no impairment will occur.

Impairment Considerations

A review of department records was conducted for existing water rights, permits, and claims within the vicinity of the proposed withdrawal. There does not appear there will be any impairment to existing water rights.

Public Interest Considerations

There has been no public expression of protest or concern regarding the subject proposal, and no findings through this investigation indicate that there would be any detrimental impact to the public welfare through issuance of the proposed appropriation.

Chapter 90.54 RCW provides that water allocation shall secure maximum net benefits to the people of the state, while also requiring that perennial rivers of the state shall be retained with base flows necessary to provide for the preservation of fish and other environmental values. The approval of this application for this quantity and use will not be detrimental to the public interest.

Conclusions

Under Chapter 90.03.290 RCW, an application for permit may be approved if water is available for appropriation, and the proposed use would be a beneficial use, would not impair existing water rights, and would not be detrimental to the public welfare.

It is the conclusion of this examiner that water is available for group domestic supply for 3 homes (including $\frac{1}{2}$ acre of irrigation for each home). This appropriation is considered a beneficial use and will not impair existing water rights or be detrimental to the public welfare.

RECOMMENDATIONS

Based on the above investigation and conclusions, I recommend that this request for a water right be approved in the amounts and within the limitations listed below and subject to the provisions listed above.

Purpose of Use and Authorized Quantities

The amount of water recommended is a maximum limit and the water user may only use that amount of water within the specified limit that is reasonable and beneficial:

20 gallons per minute

3 acre-feet per year

Continuous group domestic supply (including ½ acre of lawn each) for 3 units.

Point of Withdrawal: SW¼NW¼ of Section 34, Township 33 North, Range 37 E.W.M.

Kevin Brown, Report Writer

Date

If you need this publication in an alternate format, please call the Water Resources Program at (360) 407-6600. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.