

STATE OF WASHINGTON
 DEPARTMENT OF ECOLOGY
 APPLICATION FOR CHANGE

REPORT OF EXAMINATION

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

Surface Water (Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)

Ground Water (Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE April 22, 1988	APPLICATION NUMBER G2-27301	PERMIT NUMBER G2-27301	CERTIFICATE NUMBER G2-27301
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NAME Charles A. Novak			
ADDRESS (STREET) PO Box 2396	(CITY) Port Angeles	(STATE) Washington	(ZIP CODE) 98362-2396

PUBLIC WATERS TO BE APPROPRIATED

SOURCE
Sunnyview Estates Wells 1 & 2

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 35	MAXIMUM ACRE-FEET PER YEAR 20
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QUANTITY, TYPE OF USE, PERIOD OF USE 20 Acre-feet per year	Multiple domestic supply	Year-round, as needed
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LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION--WITHDRAWAL
 Well #1: 750 feet South and 1275 feet West of the East quarter corner of Section 27.
 Well #2: 1075 feet South and 650 feet West of the East quarter corner of Section 27.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) NE¼ SE¼	SECTION 27	TOWNSHIP N. 20	RANGE, (E. OR W.) W.M. 4W	W.R.I.A. 18	COUNTY Clallam
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RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
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LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

That portion of the E½ of the SE¼ lying North of the Agnew Irrigation Ditch; that portion of the NE¼ NW¼ SE¼ and the Northerly 378' +/- of the SE¼ NW¼ SE¼ both lying Easterly of the existing county commonly known as Hooker Road; all in Section 27, T. 30 N., R. 4 W.W.M., Clallam County, Washington; Also, that portion of the NE¼ NE¼ of Section 34, T. 30 N., R. 4 W.W.M., Clallam County, lying Northerly of the main canal of the Agnew Irrigation District.

DESCRIPTION OF PROPOSED WORKS

Well #1: 6" X 450'
Well #2: 6" X 450'

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE:

Started

COMPLETE PROJECT BY THIS DATE:

September 1, 2010

WATER PUT TO FULL USE BY THIS DATE:

September 1, 2011

REPORT

BACKGROUND:

Pursuant to Chapters 90.03 and 90.44 Revised Code of Washington (RCW), Charles A. Novak filed a change application to add a point of withdrawal and change the place of use authorized under Water Right Permit #G2-27301 for Sunny View Estates. The permit has a priority date of April 22, 1988.

Legal notice of the proposed changes was published in *The Sequim Gazette* of Clallam County on July 24 and 31, 1996. No protests were received as a result of this notice.

INVESTIGATIONS:

In consideration of this application, I reviewed Department of Ecology records of ground-water use and area well logs. Robert Leach, P.E., of Northwestern Territories, Inc. and Charles Novak were contacted by telephone for additional information.

DISCUSSION:

Sunny View Estates is located approximately two miles southwest of the City of Sequim in Clallam County. There are currently two interconnected wells (Well #1 and Well #2) serving five homes on this water system.

Water Right Permit #G2-27301 authorizes withdrawal of 35 gpm and 20 acre-feet per year from Well #1. This application was filed to obtain authorization to use Well #2 and to include the legal description of an existing connection to the service area. No additional instantaneous or annual quantity is requested under this application.

Water System Information

	<u>Well #1</u>	<u>Well #2</u>
Well head elevation:	450 ft MSL	450 ft MSL
Well depth:	138 feet	140 feet
Casing diameter:	6 inches	6 inches
Static water level:	64.5 ft (4/14/88)	80 ft (6/3/90)

The Sunny View Estates wells are both completed in water-bearing sand and gravel in USGS Aquifer Unit 3 which underlies a confining unit consisting of approximately 30 feet of clay at this location. Well #2 was pump tested at a rate of 32-37 gpm. The water level stabilized at approximately 38 feet below the static level within the first hour of pumping.

Well #2 is located approximately 700 feet southeast of Well #1. The two wells pump alternately to a 45,000-gallon reservoir. The maximum pumping rate will remain at 35 gpm.

Potential Effects on Surface Water

The Sunny View Estates wells are located approximately 4,000 feet west of the Dungeness River. Because the authorized pumping rate and annual quantity will not be increased under this application, the proposed change should not impair surface waters.

Potential Effects on Existing Right

The following ground water right certificates, claims, and well logs are on file with the Department of Ecology:

- Two wells with water right certificates authorizing a total of 2.0 acre-feet per year, are located within a half mile of the Sunnyview Estates wells.
- Numerous well logs and water right claims are recorded for Section 27. Wells range in depth from 58 to 210 feet.

Whereas Well #1 is situated near the west edge of Sunny View Estates, Well #2 is situated near the center of these properties. There are currently no problems with drawdown interference between the Sunnyview Estates wells and neighboring wells. It is unlikely that withdrawals from Well #2 will cause impairment of existing rights because it is more centrally located on the property than Well #1.

FINDINGS and CONCLUSION:

In accordance with Chapters 90.03 and 90.44 RCW, I find that:

- Wells #1 and #2 are completed in the same aquifer.
- The additional point of withdrawal and the proposed change in the place of use should not impair existing rights or be detrimental to the public welfare.

RECOMMENDATIONS:

I recommend approval of this application and issuance of a superseding permit authorizing a combined withdrawal of 35 gpm, 20 acre-feet per year, from Wells #1 and #2 for multiple domestic supply. The period of use shall be year-round, as needed, and the place of use shall be changed, as requested.

The permit shall be subject to all applicable State laws and regulations and to the following provisions:

Provisions

The water appropriated under this application will be used for public water supply. The State Board of Health rules require public water supply owners to obtain written approval from the Office of Water Supply, Department of Health, Mail Stop 7822, Building 3, Olympia, Washington 98504-7822, prior to any new construction or alterations of a public water supply system.

Installation and maintenance of an access port as described in WAC 173-160-355 is required. An air line and gauge may be installed in addition to the access port.

An approved metering device shall be installed and maintained in accordance with RCW 90.03.360, WAC 508-64-020 through -040. Meter readings shall be recorded at least monthly.

In order to maintain a sustainable supply of water, pumping must be managed so that static water levels do not progressively decline from year to year. Water levels shall be measured and recorded monthly, using a consistent methodology. The length of the pumping period or recovery period prior to each measurement shall be constant, and shall be included in the record.

"Metering and static water level data shall be submitted annually to the Department of Ecology Southwest Regional Office."

The applicant is advised that the quantity of water allocated by this permit may be reduced at the time of final certificate issuance to reflect system capacity, and actual usage.

Issuance of this water right is subject to the implementation of the minimum requirements established in the Conservation Planning Requirements, Guideline and Requirements for Public Water Systems Regarding Water Use Reporting, Demand Forecasting Methodology, and Conservation Programs, July 1994, and as revised.

Under RCW 90.03.005 and 90.54.020(6), conservation and improved water use efficiency must be emphasized in the management of the states water resources, and must be considered as a potential new source of water. Accordingly, as part of the terms of this water right, the applicant shall prepare and implement a water conservation plan approved by Department of Health. The standards for such a plan may be obtained from either the Department of Health or the Department of Ecology.

"The applicant is advised that notice of Proof of Appropriation of water (under which the final certificate of water right is issued) should not be filed until the permanent distribution system has been constructed and that quantity of water allocated by the permit has been put to full beneficial use."

REPORTED BY: Mani Peter Date: November 1, 1996

The statutory permit fee for this application is \$20.00.

FINDINGS OF FACT AND DECISION

Upon reviewing the above report, I find all facts, relevant and material to the subject application, have been thoroughly investigated. Furthermore, I find water is available for appropriation and the appropriation as recommended, is a beneficial use and will not be detrimental to existing rights or the public welfare.

Therefore, I **ORDER** a superseding certificate be issued under Ground Water Application Number G2-27301, subject to existing rights and indicated provisions, to allow appropriation of public ground water for the amount and uses specified in the foregoing report.

Signed at Olympia, Washington, this 1st day of November, 1996.



Gale Blomstrom
Shorelands & Water Resources Supervisor
Southwest Regional Office