



File NR G2-30630
WR Doc ID 5880841

State of Washington
WATER RIGHT PERMIT

PRIORITY DATE
6/11/2013

WATER RIGHT NUMBER
G2-30630

MAILING ADDRESS
SUNSET BEACH WATER ASSOCIATION
PO BOX 123
PORT ORCHARD WA 98366

SITE ADDRESS (IF DIFFERENT)
17062 State Route 106
Belfair, WA 98528

Quantity Authorized for Withdrawal or Diversion

WITHDRAWAL OR DIVERSION RATE	UNITS	ANNUAL QUANTITY (AF/YR)
200	GPM	29.9

Purpose

PURPOSE	WITHDRAWAL OR DIVERSION RATE		UNITS	ANNUAL QUANTITY (AF/YR)		PERIOD OF USE (mm/dd)
	ADDITIVE	NON-ADDITIVE		ADDITIVE	NON-ADDITIVE	
Municipal	200		GPM	29.9		01/01 - 12/31

REMARKS: This water right has the same service area as G2-00892. Non additive quantities of this water right are associated with G2-00892.

IRRIGATED ACRES		PUBLIC WATER SYSTEM INFORMATION	
ADDITIVE	NON-ADDITIVE	WATER SYSTEM ID	CONNECTIONS
		86040-N	99

Source Location

COUNTY	WATERBODY	TRIBUTARY TO	WATER RESOURCE INVENTORY AREA
MASON	GROUNDWATER	N/A	14-KENNEDY-GOLDSBOROUGH

SOURCE FACILITY/DEVICE	PARCEL	WELL TAG	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
Proposed Well	TBD	N/A	22N	02W	12	SWSW	TBD	TBD

Datum: NAD83/WGS84

Place of Use

LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE

Service area of Sunset Beach Water Association (Plats of Sunset Beach #1 and Sunset Beach #2)

Proposed Works

A second well of similar construction to the existing well (8-inch permanent casing to a depth of 190 feet) will be drilled in proximity to the current production site

Development Schedule		
BEGIN PROJECT	COMPLETE PROJECT	PUT WATER TO FULL USE
June 1, 2015	June 1, 2016	June 1, 2034

Measurement of Water Use	
How often must water use be measured?	Weekly
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 or cfs)

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.

Recorded water use data shall be submitted via the Internet. To set up an Internet reporting account, contact the Southwest Regional Office. If you do not have Internet access, you can still submit hard copies by contacting the Southwest Regional Office for forms to submit your water use data.

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 Level Measurements

In order to maintain a sustainable supply of water and ensure that your water source is not impaired by future withdrawals, static water levels should be measured and recorded monthly using a consistent methodology. Static water level is defined as the water level in a well when no pumping is occurring and

the water level has fully recovered from previous pumping. Static water level data should include the following elements:

- Unique Well ID Number
- Measurement date and time
- Measurement method (air line, electric tape, pressure transducer, etc.)
- Measurement accuracy (to nearest foot, tenth of foot, etc.)
- Description of the measuring point (top of casing, sounding tube, etc.)
- Measuring point elevation above or below land surface to the nearest 0.1 foot
- Land surface elevation at the well head to the nearest foot.
- Static water level below measuring point to the nearest 0.1 foot.

Chloride Monitoring

Because the proposed new well-site is less than 1,000 feet from Hood Canal and draws water from an aquifer hydraulically connected to marine water, the potential for sea water intrusion is a concern. While it appears the potential is fairly low at the present time, if there are changes in sea level relative pumping water levels in the well, the situation may change. For this reason, Ecology recommends annual chloride sampling. This information will be useful in helping the water right holder manage the system to ensure seawater intrusion does not occur if chloride levels begin to rise.

If the water system manager opts to do chloride sampling, the following methodology needs to be applied for the information to be of value:

- Water samples must be analyzed for both chloride and conductivity and chemical analysis must be performed by a state-accredited laboratory.
- Depth to static water level must be measured (with pump off long enough to allow for stabilization)
- The chloride/conductivity sampling and the static water level measurement must be collected concurrently.

If increasing trends of chlorides are detected, preventative actions may be implemented to ensure levels don't continue to rise. These may include reducing the instantaneous pumping rate, reducing the annual volume pumped, scheduling pumping to coincide with low tides, raising the pump intake, and/or limiting the number of service connections.

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.

Proof of Appropriation

The water right holder shall file the notice of Proof of Appropriation of water (under which the certificate of water right is issued) when the permanent distribution system has been constructed and the quantity of water required by the project has been put to full beneficial use. The certificate will reflect the extent of the project perfected within the limitations of the permit. Elements of a proof inspection may include, as appropriate, the source(s), system instantaneous capacity, beneficial use(s), annual quantity, place of use, and satisfaction of provisions.

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.

This Permit Subject to Cancellation

This permit shall be subject to cancellation should the permittee fail to comply with the above development schedule and/or to give notice to the Department of Ecology on forms provided by the Department documenting such compliance.

Given under my hand and the seal of this office at Olympia, Washington this 2nd day of September, 2014.

Department of Ecology

OK all

by Michael J. Gallagher
Michael J. Gallagher
Section Manager