



DEPARTMENT OF  
**ECOLOGY**  
State of Washington

File NR G2-30599  
WR Doc ID 5279877

State of Washington  
**WATER RIGHT PERMIT**

PRIORITY DATE: 5/23/2012      WATER RIGHT NUMBER: G2-30599

MAILING ADDRESS: KANOOGA BEACH #2 WATER SYSTEM  
C/O RAY JONES  
2801 HOLLYCROFT ST "A"  
GIG HARBOR WA 98335

SITE ADDRESS (IF DIFFERENT):

**Quantity Authorized for Withdrawal or Diversion**

WITHDRAWAL OR DIVERSION RATE	UNITS	ANNUAL QUANTITY (AF/YR)
100	Unit	13.3

**Purpose**

PURPOSE	WITHDRAWAL OR DIVERSION RATE		UNITS	ANNUAL QUANTITY (AF/YR)		PERIOD OF USE (mm/dd)
	ADDITIVE	NON-ADDITIVE		ADDITIVE	NON-ADDITIVE	
Domestic multiple	100		GPM	13.3		01/01 - 12/31

IRRIGATED ACRES		PUBLIC WATER SYSTEM INFORMATION	
ADDITIVE	NON-ADDITIVE	WATER SYSTEM ID	CONNECTIONS

**Source Limitations**

SOURCE FACILITY/DEVICE	A S	WITHDRAWAL OR DIVERSION RATE	ANNUAL QUANTITY (AF/YR)	PERIOD OF USE (mm/dd)
Well		100 gpm	13.3	01/01 - 12/31

**Source Location**

COUNTY	WATERBODY	TRIBUTARY TO	WATER RESOURCE INVENTORY AREA
PIERCE	GROUNDWATER		15-KITSAP

SOURCE FACILITY/DEVICE	PARCEL	WELL TAG	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
Well	4880000011	AEK611	20N	01W	27	NWSE	N47.19068	W122.78820

Datum: NAD83/WGS84

**Place of Use**

PARCELS (NOT LISTED FOR SERVICE AREAS)

**LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE**

The place of use (POU) of this water right is the Plat of Kanooga Beach and Short Plat 78-733 and Lot 3 of Short Plat 78-351.

**Proposed Works**

One existing well (Unique Well ID AEK611), one proposed well, existing pumphouse, submersible pump, and two-inch diameter PVC distribution system. As an alternative to drilling a new well, the applicant may approach the owner of an existing well (Unique Well ID APR603) on Lot 3 of Short Plat 78-733 regarding consolidation of service.

**Development Schedule**

BEGIN PROJECT	COMPLETE PROJECT	PUT WATER TO FULL USE
October 1, 2013	October 1, 2019	October 1, 2033

**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 (AF/Y)
What rate should be reported?	Peak Rate of Withdrawal (gpm)

**Provisions**

**Well Testing**

Within two years of this authorization, the applicant shall conduct additional testing of the existing well to determine the well's maximum instantaneous production rate. This pump test shall be performed at a constant rate of discharge for a minimum of 24 hours in duration. Water quality samples, collected at the start and end of the test and at six-hour intervals, should be analyzed by a state-accredited laboratory for both chloride and total dissolved solids. Prior to testing, the land surface and casing elevations of the Kanooga Beach #2 well should be determined by professional survey so that all water levels can be related to mean sea level. Tidal data from the nearest applicable tidal station should be identified and noted in the test data. If possible, water levels in the 72nd St. Ct. Water System's well (Unique Well ID APR603) should also be collected. A report summarizing this data shall be submitted to Ecology.

Within three years of this authorization, the applicant must decide whether the existing well is adequate to meet the proposed peak system demands, decide how to proceed, and notify Ecology of the decision. The applicant may elect to drill an additional well or make other arrangements to address the shortfall. Otherwise, the authorized withdrawal rate for this permit will revert to 34 gpm that has been shown to be available.

**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 measurement and reporting requirements are described above.

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.

**Chloride Monitoring**

By January 31 of each year, the following information shall be submitted in writing to the Department of Ecology. April and September measurements from the subject well(s) of: 1) Chloride and conductivity (the chemical analysis shall be performed by a state-accredited laboratory) 2) Depth to static water level (with pump off long enough to allow for stabilization). The chloride/conductivity sampling and the static water level measurement shall be conducted concurrently. This data collection will assist the applicant and Ecology in determining if actions are necessary to prevent an increasing trend in chloride concentrations (an indicator of seawater intrusion). Preventative actions 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.

**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.

**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 11<sup>th</sup> day of April, 2013.

Department of Ecology

OK PC

by Michael J. Gallagher  
Michael J. Gallagher  
Section Manager