

Print Date: **September 26, 2013**Issued Date: **October 01, 2013**Expiration Date: **September 30, 2014**

Amended Date:

STATE OF WASHINGTON DEPARTMENT OF HEALTH  
OFFICE OF SHELLFISH & WATER PROTECTION  
WASTEWATER MANAGEMENT SECTION  
(360) 236-3330

In compliance with the provisions of  
Chapter 70.118B RCW, Large on-site sewage disposal systems,  
and Chapter 246-272B WAC

Authorizes  
**Port of Bremerton**  
**8850 SW State Highway 3**  
**Bremerton, Washington 98312**

To operate your Large Onsite Sewage System (LOSS) in accordance with the attached conditions:

System Name	<b>Port of Bremerton, Olympic View Industrial Park</b>
County Name	Kitsap
Peak Design Capacity	<b>72500</b>
System Location	8850 SW State Route 3
Permit Number	<b>KSP018</b>
System Status	Active
Treatment Description	Aerated Lagoons to Pressure Distribution




---

Jerrod Davis, P.E.  
Director, Office of Shellfish and Water Protection  
Washington State Department of Health

## STANDARD PERMIT REQUIREMENTS

1. The owner must submit a permit renewal application, fees, and other items required in this permit 30 days prior to expiration of this permit.
2. The owner or operator must submit an annual operating report, documenting maintenance and monitoring activities described in the approved O&M Manual and Monitoring and Reporting Plan for this system or as directed by DOH. Forms and publications related to LOSS can be found at <http://www.doh.wa.gov/CommunityandEnvironment/WastewaterManagement/FormsPublications.aspx>.
3. The owner must address and correct all failures and malfunctions of the LOSS immediately.
4. The owner must report any failure to the Department of Health (DOH) by telephone (360-236-3330) or by email ([wastewatermgmt@doh.wa.gov](mailto:wastewatermgmt@doh.wa.gov)) within one business day of discovery.
5. The owner or operator must notify DOH within 5 calendar days when the LOSS is not in compliance with any operating permit monitoring limits or conditions.
6. The owner or operator must monitor, record and report flow data and ensure that the maximum volume of sewage generated does not exceed the approved design flow. Flow should be reported as the average daily flow calculated from monthly readings unless stated otherwise in the Monitoring and Reporting Section of this permit.
7. The owner and/or operator must ensure that effluent waste strength prior to dispersal meets quality limits established in this permit or if not specified must be equal to or higher quality than septic tank effluent originating from a residential source.
8. The owner must employ an approved management entity at all times.
9. The owner must continuously employ one or more qualified operators meeting the requirements of WAC 246-272B-07200.
10. The owner must notify DOH of changes to the management entity of record at least 30 days prior to the change(s) occurring.
11. The owner must notify DOH of changes to the operator(s) of record within 30 days.
12. The owner and operator are responsible for ensuring that certain substances do not enter the wastewater treatment system. These include: (1) Strong bases, acids, chlorinated solvents, or other toxic or hazardous substances; (2) Fire or explosion hazards; (3) Solid or viscous wastes that could plug sewer lines; (4) Drainage from surface runoff, footing drains, roof drains, subsurface storm water infiltration systems, swimming pools, hot tubs, and other non-sewagerains; and (5) Industrial wastewater.
13. The owner is responsible for assuring that the wastewater treatment system is operated, monitored and maintained in accordance with regulations in WAC 246-272B (available online at <http://apps.leg.wa.gov/wac/default.aspx?cite=246-272B>).
14. All water quality analyses must be conducted by a laboratory accredited by the Washington Department of Ecology. Sampling and analytical methods used shall conform to the latest revision of Guidelines Establishing Test Procedures for The Analysis of Pollutants contained in 40 CFR Part 136 or to the latest revision of Standard Methods for the Examination of Water and Wastewater (APHA) unless otherwise specified in this permit or approved by DOH.
15. The owner and operator are required to maintain for a period of at least 3 years accurate records of all monitoring and maintenance related activities and to make such records available to DOH upon request.
16. With appropriate notice to the owner, DOH may enter in or onto the LOSS site or LOSS facility at reasonable times during normal business hours as necessary to verify compliance with permit conditions or to investigate public health or environmental concerns.

## SUMMARY OF PERMIT CONDITIONS

Permit No. **KSP018**

Page 3 of 4

**System Schematic:** Submit a schematic prepared, stamped, signed, and dated by a design engineer that maps the basic treatment elements of the wastewater treatment system by 08/31/2013.

## MONITORING REQUIREMENTS

Permit No. KSP018

Page 4 of 4

Monitoring Type	Parameter	Units	Sample Point	Sampling Frequency	Sample Type
<b>Influent</b> The owner or operator shall monitor influent / raw sewage according to the following schedule:	CBOD5	mg/L	Inlet to Lagoon	Quarterly	Grab
	O & G	mg/L	Inlet to lagoon	Quarterly	Grab
	Total Nitrogen	mg/L	Inlet to lagoon	Quarterly	Grab
	TSS	mg/L	Inlet to Lagoon	Quarterly	Grab
<b>Effluent</b> The owner or operator shall monitor treated wastewater according to the following schedule:	Arsenic	µg/L	prior to drainfield	semi-annual	Grab
	Cadmium	µg/L	Prior to drainfield	semi-annual	Grab
	CBOD5	mg/L	Prior to drainfield	Quarterly	Grab
	Chromium	µg/L	Prior to drainfield	semi-annual	Grab
	Copper	µg/L	Prior to drainfield	semi-annual	Grab
	Fecal Coliform	CFU/100 mL	Prior to drainfield	Quarterly	Grab
	Lead	µg/L	Prior to drainfield	semi-annual	Grab
	Mercury	µg/L	Prior to drainfield	semi-annual	Grab
	O & G	mg/L	Prior to drainfield	Quarterly	Grab
	Selenium	µg/L	Prior to drainfield	semi-annual	Grab
	Silver	µg/L	Prior to drainfield	semi-annual	Grab
	Total Nitrogen	mg/L	Prior to drainfield	Quarterly	Grab
	TSS	mg/L	Prior to drainfield	Quarterly	Grab
	Zinc	µg/L	Prior to drainfield	semi-annual	Grab

Effluent and environmental monitoring limits are located in Appendix A, attached to this permit.

## Appendix A

### Port of Bremerton, Olympic View Industrial Park Permit # KSP018

#### Influent Limits

Parameter	Limit (Annual Average)
CBOD <sub>5</sub>	200 mg/L
TSS	200 mg/L

#### Effluent Limits\*

Parameter	Limit (Annual Average)
CBOD <sub>5</sub>	25 mg/L
TSS	30 mg/L
Oil and Grease	20 mg/L
Total Nitrogen	30 mg/L
Fecal Coliform**	50,000 cfu/100 ml

\* The owner / operator must follow their approved Monitoring and Reporting Plan (MRP) for sampling, transporting, and reporting sample results. If there is no approved MRP and a groundwater sample exceeds the permit limit, the owner/operator should resample within two weeks. If the second sample is over the limit, the sample results should be sent to [Nancy.Darling@doh.wa.gov](mailto:Nancy.Darling@doh.wa.gov) within 30 days of the original sample date.

\*\* A numerical result is required for fecal coliform. Results that are reported as a greater than value (example: >1600 cfu/100 ml) or as "too numerous to count" (TNTC) are generally not acceptable and do not satisfy your permit condition. If you receive this type of lab result, you should submit a second sample for analysis.