

Print Date: {Date}
 Issuance Date: {Date}
 Effective Date: {Date}
 Expiration Date: {Date}
 Amended Date: {Date}

STATE OF WASHINGTON DEPARTMENT OF HEALTH
 OFFICE OF SHELLFISH & WATER PROTECTION
 WASTEWATER MANAGEMENT SECTION
 (360) 236-3300

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

Authorizes
 {Owner Name}
 {Owner Address}
 {Owner Address}

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

System Name	{System Name}
County Name	{County}
Peak Design Capacity	{Design Flow}
System Location	{Location} or {Address} or {Sec, T., R.}
Permit Number	{Permit Number}
System Status	{System Status}
Treatment Description	{Treatment Type Description for Permit}
Treatment Level Required	{Treatment Level Required} Print only if checked
Certified Operator Required	{Certified Operator Required} Print only if checked

Jerrold 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) 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. Any exceedance must be reported to DOH no later than the next permit renewal application.
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-sewage drains; 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

As-built: Submit a record drawing prepared, stamped, signed, and dated by a design engineer of your entire facility including the drainfield area by {DATE}.

Construction Certification: Submit a construction completion report on the form provided by DOH, stamped, signed, and dated by a design engineer by {DATE}. Forms and publications related to LOSS can be found at <http://www.doh.wa.gov/CommunityandEnvironment/WastewaterManagement/FormsPublications.aspx>.

O&M Manual: Submit an Operation and Maintenance Manual in accordance with WAC 246-272B-04200 for DOH approval for your LOSS by {DATE}.

SRS: Submit a site risk survey in accordance with WAC 246-272B-03200 by {DATE}. Forms and publications related to LOSS can be found at <http://www.doh.wa.gov/CommunityandEnvironment/WastewaterManagement/FormsPublications.aspx>.

HGR: Submit a Hydrogeology Report in accordance with WAC 246-272B-03300 by {DATE}.

Engineering Inspection: Submit inspection results prepared, stamped, signed, and dated by a design engineer that identify the basic treatment elements of the wastewater treatment system by {DATE}.

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 {DATE}.

Engineering Evaluation: Submit an engineering evaluation prepared, stamped, signed, and dated by a design engineer to verify that the wastewater treatment system is operating properly to treat sewage, and protect public health and the environment by {DATE}.

Management Plan: Submit a management plan in accordance with WAC 246-272B-04100 for approval by {DATE}.

MRP: Submit a monitoring and reporting plan in accordance with WAC 246-272B-04300 for approval by {DATE}.

No Additional Connections: DOH will not approve any additional connections to this system until it is evaluated and deemed consistent with the requirements under WAC 246-272B-07350 - Modifications and DOH determines there is sufficient capacity.

Post-Construction Documentation and Fees: This system may not be placed into service until DOH has received and approved all Post-Construction Documents described in WAC 246-272B-05400. This includes payment of all fees associated with the review and approval of the system.

Qualified Operator: Employ a qualified operator in accordance with WAC 246-272B-07200 by {DATE}.

Certified Operator: Employ a certified operator in accordance with chapter 173-230 WAC, Certification of operators of wastewater treatment plants, by {DATE}.

MONITORING REQUIREMENTS

Influent Monitoring

The owner or operator shall monitor influent / raw sewage according to the following schedule:

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
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Effluent Monitoring

The owner or operator shall monitor treated wastewater according to the following schedule:

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
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Groundwater Monitoring

The owner or operator shall monitor groundwater according to the following schedule:

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
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Surface Water Monitoring

The owner or operator shall monitor surface water according to the following schedule:

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
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Soil Monitoring

The owner or operator shall monitor soil according to the following schedule:

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
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Effluent and environmental monitoring limits are located in Appendix A, attached to this permit.