

Public Notice

DEQ Requests Comments on a Proposed Riverwood MHC, LLC Water Quality Permit Renewal.

DEQ invites the public to provide written comment on the conditions of the proposed Riverwood MHC, LLC water quality permit renewal, known officially as a Water Pollution Control Facility permit.

Summary

Subject to public review and comment, DEQ renew the WPCF permit, which allows Riverwood Mobile Home Park to discharge wastewater to subsurface drainfields. Part of the review process is an opportunity for public comment, based on the application and other DEQ information.

Where can I get more information?

View information about this proposed permit, including the application, permit evaluation report and underlying documents, either online at <http://www.oregon.gov/deq/Get-Involved/Pages/Public-Notices.aspx>, or by contacting Lisa MacGregor to make an appointment to review the documents in person:

Phone: 541-686-7905 or 800-452-4011
Fax: 541-686-7551
Email: MacGregor.Lisa@deq.state.or.us

How do I participate?

You may submit your comments by mail, fax or email to:

Lisa MacGregor
Oregon Department of Environmental Quality
165 E 7th Avenue, Suite 100
Eugene, OR 97401

Fax: 541-686-7551
Email: macgregor.lisa@deq.state.or.us

All comments are due by 5 p.m., Friday, October 14, 2017. All comments will become part of the public record.

About the facility

Riverwood MHC, LLC has applied for a WPCF permit renewal for Riverwood Mobile Home Park, located at 33838 E. Rive Drive, near Creswell OR. DEQ last modified this permit on November 30, 2009.

This facility operates twenty-two (22) onsite wastewater treatment (septic) systems located inside of the park. All wastewater is discharged to subsurface soil absorption facilities. Discharge to a waterbody is prohibited.

The facility also holds no other permits from DEQ.

DEQ has issued a warning letter with opportunity to correct (2017-WLOTC-2809)

What types of pollutants does the permit regulate?

This permit sets conditions for how the facility deals with the following pollutants: The permit established maximum effluent discharge limitations for five-day biochemical oxygen demand (BOD₅), Total Suspended Solids (TSS), Nitrogen Compounds (TKN, Nitrate, Nitrite and Total Nitrogen) and Fecal Coliform.

How would the draft permit change the amount of pollution the facility is allowed to release?

The draft permit does not propose any changes or increase in effluent limitations.

How did DEQ determine the proposed permit requirements?

DEQ evaluates types and amounts of pollutants and the water quality of the surface water or groundwater where the pollutants are proposed to be discharged, and determines permit requirements to ensure the proposed discharges will meet applicable statutes, rules, regulations and effluent guidelines in Oregon.

For this permit action, DEQ evaluated Oregon Revised Statute (ORS) 468B and Oregon Administrative Rules (OAR) Chapter 340 Division 071. These materials may be viewed 165 E 7th Ave, Eugene OR 97401.



State of Oregon
Department of
Environmental
Quality

Western Region- Eugene Office

165 E 7th Ave, Suite 100
Eugene OR, 97401

Phone: 541-686-7838
800-452-4011
Fax: 541-686-7551
Contact: Dan Wiltse

www.oregon.gov/DEQ

DEQ is a leader in restoring, maintaining and enhancing the quality of Oregon's air, land and water.

DEQ provides documents electronically whenever possible in order to conserve resources and reduce costs.

If you received a hard copy of this notice, please consider receiving updates via email instead. Send your request to: subscriptions@deq.state.or.us

Please include your full name and mailing address so that we can remove you from our print mailing list.

DEQ relied solely on the documents above and made no other discretionary decisions for the permit action.

How does DEQ monitor compliance with the permit requirements?

This permit will require the facility to monitor pollutants discharged using approved monitoring practices and standards. DEQ reviews the facility's discharge monitoring reports to check for compliance with permit limits.

What happens after the public comment period closes?

DEQ will hold a public hearing if DEQ receives a written request for a public hearing within 14 days of mailing or posting the public notice from

at least 10 people or from an organization representing at least 10 people.

DEQ will consider and respond to all comments received and may modify the proposed permit based on comments. DEQ gives equal weight to written and oral comments.

Accessibility information

Documents can be provided upon request in an alternate format for individuals with disabilities or in a language other than English for people with limited English skills. To request a document in another format or language, call DEQ in Portland at 503-229-5696, or toll-free in Oregon at 1-800-452-4011, ext. 5696; or email deqinfo@deq.state.or.us.



WATER POLLUTION CONTROL FACILITIES PERMIT

Department of Environmental Quality
 Western Region – Eugene Office
 165 East 7th Ave, Suite 100, Eugene, OR 97401
 Telephone: (541) 686-7838

Issued pursuant to ORS 468B.050

ISSUED TO:

Riverwood MHC, LLC
 33838 E River Dr.
 Creswell, OR 97426

SOURCES COVERED BY THIS PERMIT:

Type of Waste	System	Method of Treatment/Disposal
Domestic Sewage	001-004	Standard drainfield(s)
	005	Pressure Distribution Standard
	007-008	drainfield(s)
	009	Alternative Treatment
		Technology with drainfield(s)
	010-011	Standard drainfield
	012	Standard drainfield(s)
	013-024	Standard drainfield(s)

SYSTEM TYPE AND LOCATION:

Onsite Wastewater Treatment System

Riverwood Mobile Home Park
 33838 E. River Dr.
 Creswell, OR 97426

Located on: Township 19S, Range 03W,
 Section 26, Tax Lot 6200 @ Latitude:
 43.8841, Longitude: 123.0109.

RIVER BASIN INFORMATION:

Basin: Willamette
 Sub-Basin: Coast Fork Willamette
 LLID: 1230013439301
 River Mile: 4.6447
 County: Lane

Nearest surface stream which would receive waste
 if it were to discharge: Tunnel Millrace

Issued in response to Application Number 963445 received January 10, 2012. This permit is issued based on the Land Use Compatibility Statement issued by Lane County dated September 28, 2005.

Michael E. Kucinski, Manager
 Regional Environmental Solutions

Date

PERMITTED ACTIVITIES

Until this permit expires or is modified or revoked, the permittee is authorized to construct, install, modify, or operate a wastewater collection, treatment, control and disposal system in conformance with all the requirements, limitations, and conditions set forth in the attached schedules as follows:

Schedule A - Waste Disposal Limitations	<u>Page</u> 3-5
Schedule B - Minimum Monitoring and Reporting Requirements.....	6-7
Schedule C – Compliance Conditions and Schedules	
Schedule D - Special Conditions	8-9
Schedule E - Not Applicable.....	-

Schedule F - General Conditions10-13

Discharge of untreated or partially treated sewage or septic tank effluent directly or indirectly onto the ground surface or into surface waters constitutes a public health hazard and is prohibited. This permit does not relieve the permittee from responsibility for compliance with any other applicable federal, state, or local law, rule or standard.

SCHEDULE A

Waste Disposal Limitations

1. The permittee is authorized to operate and maintain a domestic sewage treatment and disposal facility consisting of Standard absorption drainfield(s) which has been constructed in accordance with plans and specifications approved by the Department and the following conditions:

a) The average daily sewage flow to the drainfield should be approximately fifty percent (50%) of the maximum daily or peak flow to the treatment system. The maximum peak daily flow shall not exceed the following unless otherwise approved by the Department:

System	Maximum Daily Flow	System	Maximum Daily Flow
001	1,000 GPD	015	2,000 GPD
002	1,000 GPD	016	2,000 GPD
003	1,000 GPD	017	2,000 GPD
004	1,000 GPD	018	2,000 GPD
007	1,750 GPD	019	1,000 GPD
008	1,750 GPD	020	1,000 GPD
010	1,000 GPD	021	1,000 GPD
011	1,000 GPD	022	1,000 GPD
013	1,000 GPD	023	1,000 GPD
014	1,000 GPD	024	2,000 GPD

b) Systems 001-004, 007-008, 010- 011, 013-014, 015-024 the effluent from the septic tanks to the drainfield shall not exceed the following maximum concentrations:

Parameter	Limitation
BOD5	300 mg/l
Greases and Oil	25 mg/l
TSS	150 mg/l
TKN	150 mg/l

b. **System 005** consisting of a Pressure Distribution drainfield(s) in accordance with the following conditions:

1) The average daily sewage flow to the drainfield(s) should be approximately fifty percent (50%) of the maximum daily or peak flow to the treatment system. The maximum daily peak flow shall not exceed the following unless otherwise approved in writing by the Department:

System	Maximum Daily Flow
005	2,000 GPD

2) The effluent from the septic tank(s) to the drainfield(s) shall not exceed the following maximum concentrations:

Parameter	Limitation
BOD ₅	300 mg/l
Greases & Oil	25 mg/l
TSS	150 mg/l

TKN	150 mg/l
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- c. **System 009** consisting of a recirculating textile filter with Ultraviolet light disinfection and final dispersal to a soil absorption facility in accordance with the following conditions:

- 1) The average daily sewage flow to the drainfield(s) or other disposal systems should be approximately fifty percent (50%) of the maximum daily or peak flow to the treatment system. The maximum daily peak flow shall not exceed the following unless otherwise approved by the Department

System	Maximum Daily Flow
009	4,500 GPD

- 2) The influent to the treatment unit shall not exceed the following maximum concentrations:

Parameter	Limitation
BOD ₅	300 mg/l
TSS	150 mg/l
Oil & Grease	25 mg/l
TKN	150 mg/l

- 3) The effluent from the treatment unit to the drainfield(s) shall not exceed the following maximum concentrations:

Parameter	Limitation
BOD ₅	20 mg/l
TSS	20 mg/l

- d. **System 012** consisting of a Pressure Distribution system with final dispersal to a soil absorption facility in accordance with the following conditions:

- 1) The average daily sewage flow to the drainfield(s) or other disposal systems should be approximately fifty percent (50%) of the maximum daily sewage flow to the treatment system. The maximum daily peak flow shall not exceed the following unless otherwise approved by the Department:

System	Maximum Daily Flow
012	2,000 GPD

- 2) The effluent from the septic tanks shall not exceed the following maximum concentrations:

Parameter	Limitation
BOD ₅	300 mg/l
TSS	150 mg/l
Oil & Grease	25 mg/l
TKN	150 mg/l

2. No discharge to surface waters is permitted. All wastewater shall be distributed into a soil absorption facility so as to prevent:

- 1) Surfacing of wastewater on the ground surface, surface runoff or subsurface drainage through drainage tile.
 - 2) The creation of odors, fly and mosquito breeding and other nuisance conditions.
 - 3) The overloading of land with nutrients or organics.
3. No cooling water, air conditioner water, water softener brine, groundwater, oil, hazardous materials, roof drainage, storm water runoff, or other aqueous or non-aqueous substances which are, in the judgment of the Department, detrimental to the performance of the system or to groundwater, shall be discharged into the sewage treatment system, unless specifically approved in writing by the Department.
4. No activities shall be conducted that could cause an adverse impact on existing or potential beneficial uses of groundwater.

SCHEDULE B**Minimum Monitoring and Reporting Requirements**1. **System Monitoring Requirements**

The permittee shall monitor the operation and efficiency of all treatment and disposal facilities. Sampling and measurements taken as required herein shall be representative of the nature of the wastewater, and shall be taken at peak usage during operation of the system. Unless otherwise agreed to in writing by the Department of Environmental Quality, data collected, and submitted shall include but not necessarily be limited to the following parameters and minimum frequencies:

a. **System(s) 005 & 012: Effluent from the septic tank(s) to the drainfield(s)**

Influent or Parameter	Minimum Frequency	Type of Sample
Flow, GPD	Monthly Average	Measurement or calculation based on meter readings
Flow Meter Calibration	Annually	Verification
BOD ₅	Annually	Grab
TSS	Annually	Grab
Grease and Oils	Annually	Grab
TKN	Annually	Grab

b. **System 009 Influent to the Recirculating Textile Filter**

Item or Parameter	Minimum Frequency	Type of Sample
Flow, GPD	Monthly Average	Measurement or calculation based on meter readings
Flow Meter Calibration	Annually	Verification
BOD ₅	Annually	Grab
TSS	Annually	Grab
Grease and oils	Annually	Grab
NH ₃ -N	Annually	Grab
TKN	Annually	Grab

c. **Effluent from the Recirculating Textile Filter to the Drainfield**

Item or Parameter	Minimum Frequency	Type of Sample
BOD ₅	Semi-Annually	Grab
TSS	Semi-Annually	Grab
NH ₃ -N	Semi-Annually	Grab
NO ₃ -N	Semi-Annually	Grab
TKN	Semi-Annually	Grab

d. **Operation and Maintenance Activities**

The permittee shall record in writing all observations of operation and maintenance activities, as required in the Department approved Operation and Maintenance Plan, on a monthly basis.

e. **Solids Management**

The permittee shall maintain a record of the pumping dates and quantity (in gallons), of solids/wastewater pumped, and what licensed sewage disposal service company pumped the solids/wastewater, as well as the final disposal location and transfer locale (if applicable).

2. Reporting Procedures

Monitoring, maintenance practices, solids handling, and results shall be reported on Department-approved forms. The reporting period is the calendar year. Reports must be submitted to the DEQ office listed on the face page of this permit by **January 15 following the reporting period.**

SCHEDULE D**Special Conditions**

1. The permittee shall maintain on file a complete Operation and Maintenance (O&M) Plan(s) approved by the Department. The permittee shall operate, manage and implement preventative maintenance practices or corrections at the frequencies required in the Department approved O&M Plan. Any changes to the plan must be approved by the Department.
2. The wastewater treatment system(s) must be operated by a certified maintenance provider as defined in Oregon Administrative Rule 340-071-0650 and certified by the manufacturer of the Alternative Treatment Technology system.
3. In the event that the a concentration limit, as specified in Schedule A, to the drainfield is exceeded, the permittee must within fourteen (14) working days of receipt of the analytical results:
 - a) Report the results to the Department;
 - b) Resample to verify the results; and
 - c) In the event that resampling the effluent confirms a concentration limit violation, sample the wastewater stream following the septic tank(s) or pretreatment system prior to the recirculating gravel filter or other treatment unit for BOD₅, TSS, oil and grease, NH₃-N and TKN and;
 - d) Within thirty (30) days of confirmation, the permittee must submit to the Department a corrective action plan to reduce the waste strength so that the concentration limits are not violated. Upon Department approval, the plan must be implemented by the permittee.
5. All septage/sludge shall be managed by a licensed sewage disposal service as defined in Oregon Administrative Rule 340-71-100.
6. A deep-rooted, permanent grass cover shall be maintained on the drainfield area(s) at all times and periodically cut to ensure maximum infiltration and evapotranspiration rate.
7. The drainfield area(s) including replacement area(s) shall not be subject to activities that would, in the opinion of the Department, adversely affect the soil or the functioning of the system. This includes, but is not limited to, vehicular or animal traffic, filling or cutting, covering the area with asphalt or concrete, or subjecting the area to excessive saturation.
8. The permittee shall not be required to perform a formal hydrogeologic characterization or preliminary groundwater monitoring during the term of this permit provided that the facilities are operated in accordance with the permit conditions, and there are no apparent adverse groundwater quality impacts (complaints or other indirect evidence) resulting from the facility's operation. If warranted, the Department may evaluate the need for or require a full assessment of the facility's impact on groundwater quality and if necessary may reopen this permit to include groundwater monitoring parameters.

9. An adequate contingency plan for prevention and handling of spills and unplanned discharges shall be in force at all times. The permittee shall immediately notify the DEQ office listed on the face page of this permit and the local County Health Department of any occurrence of surfacing sewage. If a spill does occur that reaches or threatens to reach public waters, the permittee shall immediately notify Oregon Emergency Response (OER) at 1-800-452-0311.

SCHEDULE F**WPCF GENERAL CONDITIONS****SECTION A. STANDARD CONDITIONS**1. Duty to Comply with Permit

The permittee must comply with all conditions of this permit. Failure to comply with any permit condition is a violation of Oregon Revised Statutes (ORS) 468B.025 and grounds for an enforcement action. Failure to comply is also grounds for the Department to modify, revoke, or deny renewal of a permit.

2. Property Rights and Other Legal Requirements

Issuance of this permit does not convey any property rights of any sort, or any exclusive privilege, or authorize any injury to persons or property or invasion of any other rights, or any infringement of federal, tribal, state, or local laws or regulations.

3. Liability

The Department of Environmental Quality or its officers, agents, or employees may not sustain any liability on account of the issuance of this permit or on account of the construction or maintenance of facilities or systems because of this permit.

4. Permit Actions

After notice by the Department, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including but not limited to the following:

- a. Violation of any term or condition of this permit, any applicable rule or statute, or any order of the Commission;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts.

5. Transfer of Permit

This permit may not be transferred to a third party without prior written approval from the Department. The Department may approve transfers where the transferee acquires a property interest in the permitted activity and agrees in writing to fully comply with all the terms and conditions of this permit and the rules of the Commission. A transfer application and filing fee must be submitted to the Department.

6. Permit Fees

The permittee must pay the fees required by Oregon Administrative Rules.

SECTION B. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

1. Proper Operation and Maintenance

At all times the permittee must maintain in good working order and properly operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to comply with the terms and conditions of this permit.

2. Standard Operation and Maintenance

All waste collection, control, treatment, and disposal facilities or systems must be operated in a manner consistent with the following:

- a. At all times, all facilities or systems must be operated as efficiently as possible in a manner that will prevent discharges, health hazards, and nuisance conditions.
- b. All screenings, grit, and sludge must be disposed of in a manner approved by the Department to prevent any pollutant from the materials from reaching waters of the state, creating a public health hazard, or causing a nuisance condition.
- c. Bypassing untreated waste is generally prohibited. Bypassing may not occur without prior written permission from the Department except where unavoidable to prevent loss of life, personal injury, or severe property damage.

3. Noncompliance and Notification Procedures

If the permittee is unable to comply with conditions of this permit because of surfacing sewage; a breakdown of equipment, facilities or systems; an accident caused by human error or negligence; or any other cause such as an act of nature, the permittee must:

- a. Immediately take action to stop, contain, and clean up the unauthorized discharges and correct the problem.
- b. Immediately notify the Department's Regional office so that an investigation can be made to evaluate the impact and the corrective actions taken, and to determine any additional action that must be taken.
- c. Within 5 days of the time the permittee becomes aware of the circumstances, the permittee must submit to the Department a detailed written report describing the breakdown, the actual quantity and quality of waste discharged, corrective action taken, steps taken to prevent a recurrence, and any other pertinent information.

Compliance with these requirements does not relieve the permittee from responsibility to maintain continuous compliance with the conditions of this permit or liability for failure to comply.

4. Wastewater System Personnel

The permittee must provide an adequate operating staff that is duly qualified to carry out the operation, maintenance, and monitoring requirements to assure continuous compliance with the conditions of this permit.

SECTION C. MONITORING AND RECORDS

1. Inspection and Entry

The permittee must at all reasonable times allow authorized representatives of the Department to:

- a. Enter upon the permittee's premises where a waste source or disposal system is located or where any records are required to be kept under the terms and conditions of this permit;
- b. Have access to and copy any records required by this permit;
- c. Inspect any treatment or disposal system, practices, operations, monitoring equipment, or monitoring method regulated or required by this permit; or
- d. Sample or monitor any substances or permit parameters at any location at reasonable times for the purpose of assuring permit compliance or as otherwise authorized by state law...

2. Averaging of Measurements

Calculations of averages of measurements required for all parameters except bacteria must use an arithmetic mean; bacteria must be averaged as specified in the permit.

3. Monitoring Procedures

Monitoring must be conducted according to test procedures specified in the most recent edition of **Standard Methods for the Examination of Water and Wastewater**, unless other test procedures have been approved in writing by the Department and specified in this permit.

4. Retention of Records

The permittee must retain records of all monitoring and maintenance information, including all calibrations, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report or application. The Department may extend this period at any time.

SECTION D. REPORTING REQUIREMENTS

1. Plan Submittal

Pursuant to Oregon Revised Statute 468B.055, unless specifically exempted by rule, construction, installation, or modification of disposal systems, treatment works, or sewerage systems may not commence until plans and specifications are submitted to and approved in writing by the Department.

All construction, installation, or modification shall be in strict conformance with the Department's written approval of the plans.

2. Change in Discharge

Whenever a facility expansion, production increase, or process modification is expected to result in a change in the character of pollutants to be discharged or in a new or increased discharge that will exceed the conditions of this permit, a new application must be submitted together with the necessary reports, plans, and specifications for the proposed changes. A change may not be made until plans have been approved and a new permit or permit modification has been issued.

3. Signatory Requirements

All applications, reports, or information submitted to the Department must be signed and certified by the official applicant of record (owner) or authorized designee.

SECTION E. DEFINITIONS

1. *BOD₅* means five-day biochemical oxygen demand.
2. *TSS* means total suspended solids.
3. *FC* means fecal coliform bacteria.
4. *NH₃-N* means Ammonia Nitrogen.
5. *NO₃-N* means Nitrate Nitrogen.
6. *NO₂-N* means Nitrite Nitrogen.
7. *TKN* means Total Kjeldahl Nitrogen.
8. *Cl* means Chloride.
9. *TN* means Total Nitrogen.
10. "*Bacteria*" includes but is not limited to fecal coliform bacteria, total coliform bacteria, and *E. coli* bacteria.
11. *Total residual chlorine* means combined chlorine forms plus free residual chlorine.
12. *mg/l* means milligrams per liter.
13. *ug/l* means micrograms per liter.
14. *kg* means kilograms.
15. *GPD* means gallons per day.
16. *MGD* means million gallons per day.
17. *Grab sample* means an individual discrete sample collected over a period of time not to exceed 15 minutes.
18. *Composite sample* means a combination of samples collected, generally at equal intervals over a 24-hour period, and based on either time or flow.
19. *Week* means a calendar week of Sunday through Saturday.
20. *Month* means a calendar month.
21. *Quarter* means January through March, April through June, July through September, or October through December.



State of Oregon
Department of
Environmental
Quality

**OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER POLLUTION CONTROL FACILITIES (WPCF) PERMIT
EVALUATION
August 8, 2017**

Permittee:	Riverwood MHC, LLC 33838 E. River Dr. Creswell, OR 97426 File Number: 115361		
Source Contact:	Dennis Graybow	Telephone Number: 541-606-1114	
Source Location:	33838 E. River Road, Creswell		
County:	Lane		
Permit Writer:	Dan Wiltse	Eugene Office	
Proposed Action:	Renewal	Application No.: 963445	Date Received: 1/10/2012

Introduction

Under Oregon Administrative Rule Chapter 340 Division-071 Section 0130(15) [OAR 340-071-0130(15)], any system or combination of systems located on the same property or serving the same facility with a total sewage flow design capacity greater than 2,500 gallons a day shall be constructed and operated under a renewable WPCF permit issued pursuant to OAR 340-071-0162 from the Department of Environmental Quality. It further states that WPCF permits are required for facilities that exceed residential waste strength as defined in OAR 340-071-0100 and aerobic systems that do not meet the requirements of OAR 340-071-0220 and 340-071-0345. Other systems that are not described in OAR 340-71 and 73 may also be considered.

OAR 340-071-0130(16) states that owners of existing systems are not required to apply for a WPCF permit until such time as a major system repair, correction, alteration, or expansion is necessary.

Riverwood Mobile Home Park was developed in approximately 1973 and has 126 mobile home spaces. The majority of the mobile homes are served by pre-existing standard systems, approximately four to eight mobile homes per system. Two standard systems serving spaces 54-57 and 62-65 have been backing up into these homes in the winter months. This system was repaired in 2006. Repairs to System #005 and System #012 also took place in 2009 and 2011, respectively.

Facility Description

Total Peak Design Flow of Facility	33,500 gallons per day
Number of Systems	22
Water Supply	Well PWS # 00994

System #001

Date Constructed	Approximately 1973
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System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. System sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 1A, 1-3

System #002

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. System sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 4-7

System #003

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. System sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 8-11

System #004

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. System sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 12-15

System #005

Date Constructed	May 2009
System Type	Standard
Peak Design Flow	2,000 GPD
Septic Tank Size	1-1,000 gallon septic tank; 2- 1500 gallon dosing tanks.
Type of DF	Pressure distribution
Drainfield (DF) sizing criteria	75'/150 GPD, Refer to the site suitability report conducted in September 2008 by Randy Trox of the Department of Environmental Quality.

Lineal Feet of DF	1,000 min (992 installed).
Facilities Served	Spaces 16-23, Mobile Homes (replaces 005 & 006)

System #007

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,750 GPD
Septic Tank Size	2 X 1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. System sizing is based on peak design flow.
Lineal Feet of DF	900
Facilities Served	Spaces 24-30

System #008

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,750 GPD
Septic Tank Size	2 X 1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. System sizing is based on system sizing and peak design flow.
Lineal Feet of DF	900
Facilities Served	Spaces 31-37

System #009

Date Constructed	2009/2011
System Type	ATT- AX-100, w/ uv disinfection
Peak Design Flow	4,500 GPD
Septic Tank Size	6-1000 gal tanks
Type of DF	Pressure transport to automatic distributing valve to the drainfield(s).
Drainfield (DF) sizing criteria	45'/150 GPD refer to the site suitability report conducted on September 2008 by Randy Trox of the Department of Environmental Quality.
Lineal Feet of DF	1,300
Facilities Served	Spaces 31-45 and spaces 109-111 (added in 2011) (18 Mobile Homes).

System #010

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. System sizing is based on system sizing and peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 46-49

System #011

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. System sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 50-53

System #012

Date Constructed	2006
System Type	Standard
Peak Design Flow	2,000 GPD
Septic Tank Size	2 X 1,000 gallon septic tank; 2,000 gallon septic dosing tank
Type of DF	Pressure distribution.
Drainfield (DF) sizing criteria	100'/150 GPD System sizing based on existing records and auger hole evaluation conducted by Randy Trox of DEQ – Eugene.
Lineal Feet of DF	1,498
Facilities Served	Spaces 54-57 & 62-69 and the recreation center.

System #013

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. System sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 58-61

System #014

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. Sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 66-69

System #015

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	2,000 GPD

Septic Tank Size	2,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. System sizing is based on peak design flow.
Lineal Feet of DF	1,000
Facilities Served	Spaces 70-74

System #016

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	2,000 GPD
Septic Tank Size	2 X 1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. Sizing is based on peak design flow.
Lineal Feet of DF	1,000
Facilities Served	Spaces 75-82

System #017

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	2,000 GPD
Septic Tank Size	2 X 1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. Sizing is based on peak design flow.
Lineal Feet of DF	1,000
Facilities Served	Spaces 83-90

System #018

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	2,000 GPD
Septic Tank Size	3 X 1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. Sizing is based on peak design flow.
Lineal Feet of DF	1,000
Facilities Served	Spaces 91-93, 122-126

System #019

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. Sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 94-97

System #020

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. Sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 98-101

System #021

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. Sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 102-105

System #022

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. Sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 106-108

System #023

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	1,000 GPD
Septic Tank Size	1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no evaluation records. Sizing is based on peak design flow.
Lineal Feet of DF	500
Facilities Served	Spaces 112-113

System #024

Date Constructed	Approximately 1973
System Type	Standard
Peak Design Flow	2,000 GPD

Septic Tank Size	3 X 1,000 gallon septic tank
Type of DF	Standard
Drainfield (DF) sizing criteria	75'/150 GPD There are no site evaluation records. Sizing is based on peak design flow.
Lineal Feet of DF	1,000
Facilities Served	Spaces 114-121

Unique Operating Conditions

- System(s) #005 & #012 are standard systems with pressure assisted distribution.
- System #009 is an engineered system using a treatment process and technology or design with documentation of successful operation.

Groundwater

- A Groundwater Prioritization Screening worksheet was completed and it was concluded that there is a low potential to adversely impact groundwater. The permittee is not required to sample and monitor the groundwater for potential impacts.

Compliance History

- During the last permit period the following enforcement action was taken:
 - A warning letter with opportunity to correct was issued on August 7, 2017, (2017-WLOTC-2809) for exceeding the maximum daily flow limit on twenty-two occasions between January 2013-December 2016 and exceeding an effluent concentration limit (Oil & Grease) on one occasion.

PERMIT DISCUSSION

Schedule A – Waste Disposal Limitations For Each System

- The Maximum Daily Peak flow and Influent and Effluent maximum concentration limits are listed for each system.
- All wastewater shall be distributed into a soil absorption facility.
- No substances that would be detrimental to the system or groundwater are to enter the system.
- No activities shall be conducted that could cause an adverse impact to potential beneficial uses of groundwater.

Schedule B – Minimum Monitoring and Reporting Requirements for each System

- Monitoring parameters and frequencies for Systems #005, #009 and #012 are based on the Department monitoring matrix.
- Systems #001-004, 007-008, 10-11 & 013-022 were constructed as gravity operated systems prior to any Department construction standards that required flow monitoring. No monitoring of those systems is required in the permit. Any expansion or upgrade of those systems will require provisions to monitor flow.
-
- An annual monitoring and maintenance report must be submitted by January 15th of each year.

Schedule C – Compliance Conditions and Schedules

- N/A

Schedule D – Special Conditions

- An approved Operation and Maintenance (O&M) Plan is required to be followed.
- Reporting and resampling requirements within 14 days when there is a concentration limit violation.
- The system must not cause any adverse impact to groundwater.
- A licensed pumper must manage all septage/sludge.
- The drainfield and replacement areas must be planted with grass, maintained and protected.

Schedule F – General Conditions

This Schedule contains General Conditions and Definitions that are applicable to all WPCF permits in Oregon.

Public Participation

- A 30 day public notice **is** required for systems with a design flow of greater than 20,000 gallons per day pursuant to OAR 340-045-0027 (2)(C).