



Oregon

Tina Kotek, Governor

Department of Environmental Quality

Western Region Salem Office

4026 Fairview Industrial Dr SE

Salem, OR 97302

(503) 378-8240

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TTY 711

March 21, 2024

Michelle Ladd
City of Portland
1120 SW 5th Ave Ste 900
Portland, OR 97204

RE: WPCF Permit Issuance
TASS 2
File No. 127675
Permit No. 103301
Multnomah County

Dear Michelle Ladd,

DEQ has completed its review of your applications for a Water Pollution Control Facility permit. You reviewed the draft permit with no comments and requested to waive the 14-day applicant review period. Your permit has been issued and is enclosed. This permit will be the final action on application numbers 948168.

You are urged to carefully read the permit and take all possible steps to comply with the conditions established to help protect Oregon's environment. It is important that you be aware of the Annual Compliance Determination fee, payable in advance of each permit year. An invoice will be sent with payment instructions.

This permit is not effective until 20 days after receipt by the permit holder during which time the permit holder has the right to request a hearing before the Environmental Quality Commission or its authorized representative. Any such request shall be made in writing to the Director and shall clearly state the grounds for the request.

If you have any questions, please contact Jessica Joye, Northwest Salem Office at jessica.joye@deq.oregon.gov or (503)378 - 5033.

Sincerely,

Tiffany Yelton-Bram, Acting Manager
Onsite Program

Enclosures: WPCF permit and evaluation

Cc: File
Ec: Steve Greenslate, EMS, steve@envmgtsys.com
Bob Sweeney, EMS, bob@envmgtsys.com

WATER POLLUTION CONTROL FACILITIES PERMIT

Department of Environmental Quality
Northwest Region - Salem Office
4026 Fairview Industrial Dr SE, Salem, OR 97302
Telephone: (503) 378-8240

Issued pursuant to ORS 468B.050

ISSUED TO:

SOURCES COVERED BY THIS PERMIT:

City of Portland
1120 SW 5th Ave Ste 900
Portland, OR 97204

| <u>Type of Waste</u> | <u>System</u> | <u>Method of Treatment/Disposal</u> |
|----------------------|---------------|-------------------------------------|
| Domestic Sewage | 001 | Holding tanks |

SYSTEM TYPE AND LOCATION:

On-Site Sewage Treatment and Disposal

TASS 2
10505 N Portland Road, Portland

RIVER BASIN INFORMATION:

Basin: Willamette
Sub-Basin: Lower Willamette
LLID: 1227713456445
River Mile: 4.63
County: Multnomah

Located on: Township 1N, Range 1E,
Section 5, Tax Lot 1000 @ Latitude
45.6036, Longitude -122.7156.

Nearest surface stream which would receive waste
if it were to discharge: Columbia Slough #1

This permit is issued in response to Application Number 948168 received Feb. 9, 2024 and is based on the Land Use Compatibility Statement issued by City of Portland dated Nov. 21, 2023.



Tiffany Yelton-Bram, Acting Manager
Onsite Program

March 21, 2024
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:

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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**

The permittee is authorized to operate and maintain a domestic holding tanks which have been constructed in accordance with plans and specifications approved by DEQ and the following conditions:

1. The maximum daily flow to each holding tank must not exceed the following unless otherwise approved by DEQ:

| System | Maximum Daily Flow |
|---------------|---------------------------|
| 001 | 15,000 GPD |

2. No discharge from a holding tank system is authorized. All wastewater shall be adequately controlled by collection, storage and disposal in accordance with DEQ-approved plans.
3. No cooling water, water softener brine, groundwater, oil, hazardous materials, roof drains, storm water runoff, or other aqueous or non-aqueous substances which are, in the judgment of DEQ, detrimental to the performance of the system or to groundwater, shall be discharged to the system.

SCHEDULE B**Minimum Monitoring and Reporting Requirements**

1. System Monitoring Requirements

The permittee must monitor the operation and efficiency of each holding tank. Unless otherwise agreed to in writing by DEQ, data collected and submitted must include but not necessarily be limited to the following parameters and minimum frequencies:

- a. **Parameters for each holding tank**

| Item or Parameter | Minimum Frequency | Type of Sample |
|------------------------|-------------------|----------------|
| Inspect and Test Alarm | Quarterly | Visual, record |

- b. **Operations and Maintenance Activities for each holding tank**

The permittee must maintain a record of the pumping dates and quantity (in gallons) of wastewater pumped, and what licensed sewage disposal service company pumped the wastewater.

2. Reporting Procedures

Monitoring, maintenance practices, solids handling, and results must be reported on DEQ-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 **February 15 following the reporting period.**

SCHEDULE D**Special Conditions**

1. All holding tank contents must be managed by a licensed sewage disposal service as defined in Oregon Administrative Rule 340-071-0100.

2. The permittee must maintain a copy of a contract on a DEQ-approved form with a licensed sewage disposal service company which shows that each holding tank will be pumped periodically, at regular intervals or as needed, and the contents disposed of in a manner and at a facility approved by DEQ.
3. The permittee must maintain evidence on a DEQ-approved form that the owner or operator of the proposed final treatment and disposal facility will accept the holding tank pumpings.
4. The permittee must notify DEQ of any change of the licensed sewage disposal service company and shall provide DEQ with copies of new contracts within 30 days of the change in service.
5. The permittee shall not connect any additional facilities to any holding tank system, unless otherwise approved in writing by DEQ.
6. An adequate contingency plan for prevention and handling of spills and unplanned discharges shall be in force at all times. 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. The permittee shall also 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.

SCHEDULE F

SECTION A. STANDARD CONDITIONS

1. Property Rights

Issuance of this permit does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorize any injury to private property, any invasion of personal rights, or any infringement of federal, state, or local laws or regulations.

2. 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.

3. 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.

4. 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.

5. Permit Fees

The permittee must pay the fees required with this permit application and annually for permit compliance determination 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 of Environmental Quality 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 Director 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 apportioned according to the volume of flow at the time of sampling.
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

Water Pollution Control Facilities Permit Evaluation

March 21, 2024

| | | | |
|-------------------------|--|----------------------------------|-------------------------|
| Permittee: | City of Portland 1120 SW 5 th Ave Ste 900 Portland, OR 97204 File Number: 127675 | | |
| Source Contact: | Michelle Ladd | Telephone Number: (503) 823-8344 | |
| Source Location: | Jessica Joye | | |
| County: | Multnomah | | |
| Permit Writer: | Jessica Joye | Salem - Office | |
| Proposed Action: | New | Application No.: 948168 | Date Received: 2/9/2024 |

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 DEQ. 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 340-071 and 073 may also be considered.

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

The property is a former industrial site adjacent to the Columbia River Slough. DEQ Cleanup records identify the property as Larsen North (ECSI# 186). An environmental investigation is currently being completed by the City of Portland under a voluntary agreement with DEQ. The city has been pursuing for several years a No Further Action (NFA) determination.

A site evaluation report denial was issued on Oct. 12, 2023. The site was denied due to poor modified soil conditions.

The facility to be served is a temporary housing and shelter site to accommodate an estimated 415 guests and 30 staff. The wastewater generated from guests and staff using the first aid office, two community restrooms/showers building, pantry and meeting rooms, offices, kitchen for serving food that is prepared off-site and laundry facilities.

A holding tank system is to be constructed and used for wastewater disposal off-site. There is no subsurface discharge for this site. DEQ generally limits holding ta

Facility Description

| | |
|---|------------------------|
| Total Peak Design Flow of Facility | 15,000 gallons per day |
|---|------------------------|

| | |
|--------------------------|-----------|
| Number of Systems | One |
| Water Supply | Community |

System #001

| | |
|--------------------------|--|
| Date Constructed | 2024 (proposed) |
| System Type | Holding tanks |
| Peak Design Flow | 15,000 gpd |
| Holding Tank Size | Three 1,500-gallon trash tanks, three 3,000-gallon septic dosing tanks and 10 1,500-gallon septic tanks. |
| Facilities Served | Temporary assisted shelter site with 71 dry RV spaces, 90 living pods and 143 cars serving an estimated 415 guests and 30 staff. |

Unique Operating Conditions

- This site is a temporary shelter site. The site is not approved for subsurface discharge due to poor modified soil conditions. A sewer connection has not been made available.
- DEQ generally limits holding tank systems to 200 gallons per day, as it can be expensive to maintain such a system over a longer period of time. DEQ approves of a holding tank system of this size because the facility will be temporary, the city has a contract with a sewage disposal service company licensed to pump septage, and the city provided funding to manage the septage.

Compliance History

- This is a new source with no compliance history.

PERMIT DISCUSSION

Schedule A – Waste Disposal Limitations For Each System

- The Maximum Daily flow is listed for the holding tanks.
- 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 are based on DEQ’s monitoring matrix.
- An annual monitoring and maintenance report is required to be submitted February 15, of each year.

Schedule C – Compliance Conditions and Schedules

- None

Schedule D – Special Conditions

- A licensed sewage disposal service, as defined in Oregon Administrative Rule 340-071-0100, must manage all holding tank contents.
- The permittee must maintain a copy of a contract on a DEQ-approved form with a licensed sewage disposal service company which shows that each holding tank will be pumped

periodically, at regular intervals or as needed, and the contents disposed of in a manner and at a facility approved by DEQ.

- The permittee must maintain evidence on a DEQ-approved form that the owner or operator of the final treatment and disposal facility will accept the holding tank pumpings.
- The permittee must notify DEQ of any changes of the licensed sewage disposal service company and shall provide DEQ with copies of new contracts within 30 days of the change in service.
- The permittee shall not connect any additional facilities to any holding tank system, unless otherwise approved in writing by DEQ.
- An adequate contingency plan for prevention and handling of spills and unplanned discharges shall be always in force. 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. The permittee shall also 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.

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 not required for systems with a design flow of less than 20,000 gallons per day pursuant to OAR 340-045-0027(2)(a)(C).