



Operation Permit Supporting Documentation

Subsurface Operator (ORC) Required (Check One): Yes or No

I. GENERAL CONDITIONS

This permit is effective only with respect to the specific design flow, number of connections, nature of the wastewater, and volume of the wastewater described in the Permit Application and other supporting data. Changes in the facility, number of connections, nature of the wastewater, and/or volume of the wastewater may result in the suspension or revocation of this permit.

Ownership or management changes shall be provided to BCHS within 90 days of such changes.

All documents, including but not limited to the site evaluation, design review plans, triparty agreements, easements, and other legal agreements will become a part of the permit. This includes operation and maintenance procedures and other pertinent documents relating to system operation and maintenance. All legal documents must be recorded with the Brunswick County Register of Deeds and proof of filing submitted to Brunswick County Environmental Health Services (BCHS) before the Operation Permit is issued.

The owner is responsible for compliance with 15A NCAC 18A Section. 1900 et seq.-Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal.

No addition, expansion, alteration, or repair of the wastewater system (ie. Drainlines, Septic Tank, Pump Tank) shall be conducted without submitting the correct application with BCHS and obtaining the necessary permit(s). Maintenance work conducted on an existing wastewater system (ie. Replace D-box, Replace Manifold) may be completed without a wastewater system permit. Contact BCHS if questions arise regarding maintenance.

Failure to abide by the conditions and limitations contained in this permit may subject the owner to enforcement action in accordance with NCGS 130A-18, 130A-22C, 130A-23, and/or 130A-25.

A useable repair area, as designated herein, with buffers, shall be maintained and reserved for the addition to or replacement of the initial wastewater system.

No traffic, vehicles, construction, and/or excavation shall be allowed on the wastewater system or repair area.

BCHS may amend, revise, revoke, and/or reissue this permit. This may include changes to frequencies in the schedule of operation and maintenance based on monitoring data, water usage, system performance, or facility use.

It shall be the responsibility of the owner to notify any future or subsequent owners of the requirements contained within this permit, including the requirement to contract with a management entity.

All subsequent owners of this property and wastewater system, shall execute a contract between the owner and an approved management entity, or the Operations Permit will become invalid immediately.

All management entity contracts shall be submitted to BCHS.

The issuance of this permit does not preclude the permittee from complying with any and all statutes, regulations, and ordinances which may be imposed by other government agencies which have jurisdiction, or any other permits issued by this department.



Recommend garbage grinders not be installed in homes.

Brunswick County Health Department shall be notified in writing of any changes in ownership, address, phone number or designated party/agency for operation/maintenance. Failure to notify BCBS of changes shall result in the permit becoming invalid.

II. PERFORMANCE STANDARDS

In the event of failure of the system to perform satisfactorily, as determined by BCBS, the owner shall take immediate corrective actions. This may require the replacement of the wastewater system, upon receipt of a permit.

The septage generated from this system shall be transported and disposed of in accordance with Article 9 of Chapter 130A 15A NCAC 13B et seq. and in a manner approved by the North Carolina Division of Solid Waste Management. The owner shall specify the approved hauler and disposal site and submit this information in writing to this office within 30 days. BCBS shall be notified of any changes in this information.

Adequate measures shall be taken to divert stormwater from the wastewater system.

Diversion or bypassing of untreated or partially treated wastewater from the facility is prohibited.

The issuance of this permit shall not relieve the owner of the responsibility for damages to surface or groundwaters resulting from the operation of this facility.

III. OPERATION AND MAINTENANCE REQUIREMENTS

The facilities shall be effectively maintained as a ground absorption system to prevent the discharge of any wastewater to the ground surface, surface waters, or groundwater.

The owner is responsible for keeping the plumbing system of the house in good repair and eliminating leaks, drips, or excess flows as they are found. The owner shall also test the alarm panel monthly to ensure proper operation.

THE FOLLOWING DOCUMENTS ARE CONSIDERED A PART OF THIS PERMIT AND COMPLIANCE IS REQUIRED:

- The Application for Permit.
- The site evaluation(s).
- The Improvements Permit
- The Authorization to Construct Permit.
- Article 11 of Chapter 130A of the General Statutes of North Carolina entitled "Wastewater Systems".
- Rules for Sewage Treatment and Disposal Systems 15A NCAC 18A.1900.
- Approved plans and technical specifications.
- Letters.
- The declaration of easement, triparty agreements, covenants, homeowner's association by-laws, articles of incorporation, conditions and restrictions regarding this installation, system-as-built plans, specifications, and technical manuals.
- Other: _____



SCHEDULE OF OPERATION AND MAINTENANCE:

Every 6 months:

- Septic tank(s), Pump tank(s), collection sewer, and components shall be inspected for influent and effluent line blockage. Additionally, inspect the Septic tank(s), Pump tank(s), Riser(s), and pipe connections for leakage, wastewater levels, and solids accumulation. Blockages or leaks shall be corrected. Tanks shall be pumped when the solids level exceeds one-third of the liquid capacity of the tank in the inlet chamber and as otherwise determined necessary by the ORC or BCHS. The outlet filter shall be inspected for clogging (recommend cleaning at each inspection).
- The actual dosing volume shall be measured at each dosing station. The flow rate to field zone shall be measured after each field has been flushed and pressure head adjusted.
- All laterals of each drainfield zone shall be flushed of solids accumulation with the zone valve opened. Design pressure head adjustment shall be made.
- Pump controls, floats, and alarm shall be checked for proper operation. All components of the pump/control system shall be kept in compliance with design standards.
- Drainfield areas shall be inspected for seepage or saturation, settled ground surface, broken pipes, maintenance of vegetation, protection from traffic, and diversion of surface water. The operator shall fix any broken supply line piping, lateral end caps, or cleanouts within 24 hours of becoming aware of such a problem. Peat modules should be inspected for any structural damage, accessibility, adequate ventilation, excess odors, insect infestations, etc.. No addition, expansion, alteration, or repair of the wastewater system (ie. Drainlines, Septic Tank, Pump Tank) shall be conducted without submitting the correct application with BCHS and obtaining the necessary permit(s).
- Dosing station flow meters, elapsed time meters, and event counters shall be read and recorded.

As often as necessary:

- Grass shall be cut regularly or when it exceeds 2-1/2 inches in height. Light-weight mowers shall be used for cutting grass. Heavy brush and thick weeds shall not be allowed. Saplings, briars, and brush shall be eliminated by hand cutting and/or herbicides as often as necessary.

IV. MONITORING AND REPORTING REQUIREMENTS

Any monitoring deemed necessary by the BCHS to ensure surface and groundwater protection will be established and an acceptable sampling reporting schedule shall be followed in accordance with Table V(b) of Rule .1961(b) of Laws and Rules and this permit.



One copy of all monitoring data and maintenance records, signed by the operator shall be submitted to one of the following addresses:

Mailing Address: **Brunswick County Health Services
Environmental Health Division
Management Entity Section
P.O. Box 9
Bolivia, N.C 28422**

Email Address: septicplans@brunswickcountync.gov

Monitoring data shall include elapsed time meter and event counter readings from each dosing station.

The ORC shall be responsible for keeping a log of inspections, including at least the following: dates, durations, times of site visits, observations made, procedures carried out, maintenance, repairs or corrective actions taken, meter readings, measurements, and drawdown rates. This log shall be maintained by the ORC during the term of this permit and shall be made available to BCCHS upon request.

A record shall be maintained of all septage removed from the facility. The record shall include the name of the hauler, permit authorizing the disposal or a letter from the treatment facility agreeing to accept the septage, date the septage was hauled, and volume of the septage removed.

The owner/operator shall report by telephone to BCCHS (910-253-2150) as soon as possible, but in no case more than 24 hours upon finding the system is malfunctioning by surfacing sewage, sewage backing up into the facility, sewage discharging directly into groundwater or surface waters, or when repairs are needed in accordance with NCGS 130A-334(9)(a) and Rule .1961 of Laws and Rules.

V. INSPECTIONS

Any duly authorized officer, employee, or representative of BCCHS is allowed access to the premises and/or disposal site at any reasonable time, for the purpose of determining compliance with this permit. Additionally, they may inspect or copy any records that must be kept under the terms and conditions of this permit; or may obtain samples of soil groundwater, surface water, effluent, septage, or leachate.

Per 15A NCAC 18A.1961(j): The local health department shall perform an on-site inspection of the wastewater system as required in Table V(a). Fees associated with this inspection are in accordance with the Brunswick County Environmental Health Fee Schedule. A copy of the fee schedule can be viewed at <https://www.brunswickcountync.gov/environmental-health/fee-schedules/>.

VI. SPECIAL CONDITIONS: Master and Tap Connections

Each connection to this wastewater system shall be applied for and permitted separately as an amendment to this Operations Permit. For additional connections to be considered, the systems have had to be designed to handle multiple facilities.

BCCHS shall review each Tap connection and issue an amendment of this Operation Permit if needed.