

LENAWEE COUNTY HEALTH DEPARTMENT

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GUIDANCE DOCUMENT NONRESIDENTIAL SEWAGE DISPOSAL SYSTEM INSTRUCTIONS FOR SEWAGE DISPOSAL PERMIT APPLICATION AND FEE

Nonresidential sewage disposal systems generating less than 10,000 gallons per day are evaluated pursuant to the Michigan Criteria for Subsurface Sewage Disposal by authority of Act 368, P.A. 1978, as amended, and Act 245, P.A. 1929.

When applying for an application to install a Nonresidential Sewage Disposal System, please follow the instructions below:

1. **New Nonresidential Sewage Disposal System & Change of Use Sewage disposal system**

A. LCHD application

- a. Completely fill out the Lenawee County Health Department (LCHD) Application for permit.
- b. A site plan/drawing is to be completed and provided with the application. The site plan must be to scale if an onsite noncommunity (Type II) public water supply will serve the facility. See requirements for Noncommunity Water supply Permit Application instructions.
 - i. Water Supply information (Onsite Water Supply Well or Municipal Water)
 1. For systems proposing to use an onsite noncommunity public water supply well, a scaled site plan documenting the proposed sewage system and the proposed water supply shall be submitted in accordance with the Noncommunity Water Supply Application procedures. Type III wells do not require a scaled drawing but must be shown on the plan with isolation distances to contamination sources.
 2. Nonresidential facilities proposing to be served by municipal water shall provide written documentation to this department from the municipality that has jurisdiction for the water supply which indicates authorization for the connection of the facility into the municipal water supply prior to issuance of a sewage disposal permit

B. Complete the Nonresidential Sewage Disposal System Information Checklist and return with the application

2. **Replacement Sewage disposal system**

i. LCHD application

- a. Completely fill out the LCHD Application for permit.
 - b. A site plan/drawing is to be completed and provided with the application (scaled drawing preferred but not required)
- ii. Complete the Nonresidential Sewage Disposal System Information Checklist and return it with the application.

- 3. Site plan shall include the following within 150 ft. of the proposed sewage disposal systems:**
- i. Property lines.
 - a. Show dimensions in feet with configuration of the lot, i.e., square, rectangle, polygon. If a property split is proposed, show the existing parent parcel and the proposed split.
 - ii. All existing or proposed structures
 - iii. Sewage disposal system existing and/or replacement (drainfield, septic tank, grinder tank, proposed or existing sanitary sewer lines, sewer taps, sewer main,)
 - iv. All utilities above or below ground
 - v. All proposed or existing water supplies
 - a. Standard isolation distance between any portion of the nonresidential sewage disposal system and a public water supply is a minimum of 75 ft.
 - b. Standard isolation distance between any portion of the nonresidential sewage disposal system and a residential water supply is a minimum of 50ft.
 - vi. Neighboring lots/parcels
 - a. The drawing should include items on neighboring properties that will be located within 150 ft. of the proposed system. Include items such as structures, wells, above and below ground fuel storage tanks, animal barn, sewer lines, taps and mains, vacant lot/agriculture field, other etc.
 - vii. Surface water such as a lake, stream, wetland etc.
 - viii. Existing or proposed detention basin or retention basin
 - ix. County drains; open and closed
 - x. Location and Construction materials for existing and proposed sewer lines
- 4. Upon submittal of the application and fee for the onsite, have your backhoe operator contact the sanitarian to conduct the onsite.**
- i. Property must be marked/flagged prior to the onsite. Flags are to mark the location of your proposed or existing water supply and sewage disposal systems.
 - ii. We cannot complete the onsite if your systems are not marked. If not marked, a sub-visit fee will be assessed for our staff to return to the property.

Notes:

The Michigan Criteria for Subsurface Sewage Disposal (MCSSD) shall apply to the treatment and disposal of sanitary sewage (e.g., toilet waste, sink, laundry waste, restaurant waste and bath water) from facilities other than private single and two-family residential sewage systems with flows of less than 10, 000 gallons per day (gpd).

Sanitary sewage discharges, not mixed with other waste and greater than 6,000 gpd but less than 10,000 gpd, must follow the MCSSD and obtain a groundwater discharge permit through the Michigan Department of Environment, Great Lakes and Energy (EGLE).

The treatment and disposal of industrial and commercial processes, including but not limited to laundromats, car washes, floor drains, etc., requires a separate permit (groundwater discharge permit) from EGLE. Industrial and commercial process water is not under the jurisdiction of the Lenawee County Health Department.

J:/Sewage Disposal/Nonresidential Sewage Application Procedures/Sewage Disposal System Instructions for Completing Application 6-16-25

The mission of the Lenawee County Health Department is to promote a safe and healthy environment.