



Application for Environmental Health Services

Service Requested

- Raw Land Evaluation \$ _____
- Water Sample Collection \$ _____
- Water System Evaluation \$ _____
- OSTDS Evaluation \$ _____
- Other _____ \$ _____

Owner's Information

Name _____ Phone # _____
 Mailing Address _____ City _____ State _____ Zip _____

Purchaser's Information (if applicable)

Name _____ Phone # _____
 Mailing Address _____ City _____ State _____ Zip _____

Property Description

County _____ Township _____
 Town _____ N, Range _____ W, Section _____ 1/4 _____ 1/4 _____ 1/4
 Tax ID# _____ Subdivision _____ Lot# _____
(If applicable) (If applicable)
 Property Address _____
 Driving Directions (from nearest intersection)

For Raw Land Evaluations Only

Is proposed development single or two family residence? Yes No
 If no, please explain proposed development: _____
 Number of Parcels to Be Evaluated _____ Size of Parcel(s) _____ acres
 If Parcel is less than one acre, was the parcel created after July 28, 1997? Yes No

Applicant's Information

I have been provided with a copy of PHDM's On-Site Sewage Treatment/Disposal System process which includes site evaluation procedures and information.
 Signature _____ Date _____ Ph# _____
 Mailing Address _____ City _____ State _____ Zip _____

Return Application to: **Public Health, Delta & Menominee Counties**
909 Tenth Avenue **2920 College Avenue**
Menominee, MI 49858 **OR** **Escanaba, MI 49829**
(906) 863-4451 **(906) 786-9692**

AGENCY USE ONLY

Fee Paid \$ _____ Receipt # _____ Date _____ Rec'd by _____

Public Health

Delta & Menominee Counties

Environmental Health Division

2920 College Avenue
Escanaba, Michigan 49829
Ph:(906)786-9692 - Fax:(906)789-8147

www.phdm.org

909 Tenth Avenue
Menominee, Michigan 49858
Ph:(906)863-4451 - Fax:(906)863-7142

On-Site Sewage Treatment/Disposal System Process

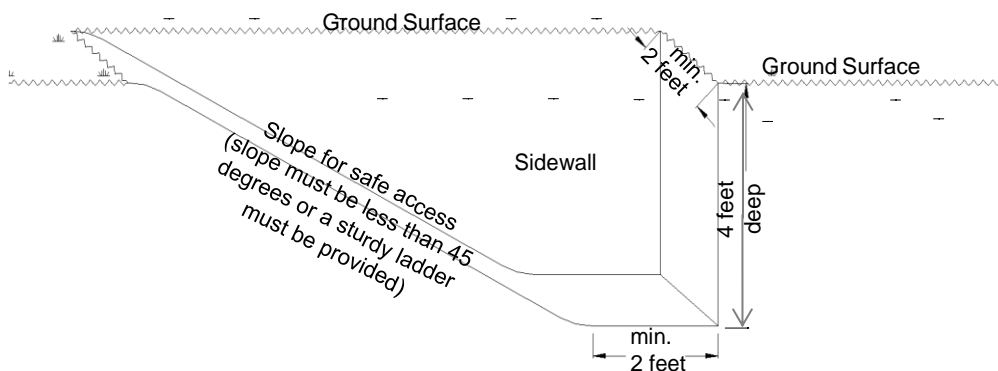
1. APPLICATION

Submit a completed Raw Land Evaluation or On-Site Sewage Treatment/Disposal System (OSTDS) Replacement Permit Application and appropriate evaluation fee. A complete application includes: names, addresses and phone numbers of current property owner and purchaser, property tax identification number, accurate legal description, directions to the property and applicant's signature.

2. SITE EVALUATION

Environmental Health Staff will contact the applicant to arrange an appointment to conduct a site evaluation.

- **Backhoe cuts will be required to provide soil test pits, unless otherwise specified by Public Health.**
- **Soil test pits must be a minimum of 2'(W) x 2'(L) x 4' (D) as shown on the drawing below. Note: If water is encountered, do not continue digging.**
- **Whenever possible, arrangements should be made to have the backhoe and operator present during the evaluation.**
- **PHDM must be able to safely access the sidewall area to evaluate the soil.**
- **A minimum of 2 test pits must be provided in the area of the proposed drainfield.**
- **Test pits should be approximately 50 feet apart.**
- **It is the applicant's responsibility to provide the soil test pits. If test pits are not provided in accordance with these requirements and a determination of the soil cannot be made, or if additional test pits are necessary and an additional site visit is made the applicant must reapply and pay another evaluation fee.**



SOIL TEST PIT REQUIREMENTS

IT IS THE APPLICANT'S RESPONSIBILITY TO CONTACT MISS DIG AT 1-800-482-7171 OR 811 AND ASSURE UNDERGROUND UTILITIES ARE LOCATED. UNDERGROUND UTILITIES MUST BE FLAGGED AT LEAST TWO DAYS PRIOR TO THE SCHEDULED APPOINTMENT.

During the site evaluation, the Environmental Health Specialist will determine if the site is suitable for the installation of an on-site sewage treatment/disposal system (OSTDS). For a site to be considered suitable, it must meet the minimum site requirements set forth in Section 5.7.1 of the Delta-Menominee District Health Department Sanitary Code. Section 5.3.2(5) of the Sanitary Code states, "The Health Officer shall not issue a construction permit for any OSTDS which does not meet minimum criteria set forth in Section 5.7." Section 5.7.1 of the Sanitary Code is printed on the back of this sheet.

3. OUTCOME

A written soil boring report will be provided or an OSTDS construction permit will be issued to the applicant following the site evaluation. The soil/site evaluation will remain valid for one year from the date of evaluation; a permit will remain valid for two years from the date of issuance.

If a permit is issued, the applicant will be notified upon its completion. Payment of the appropriate permit fee and applicant's signature are required prior to release of the permit. Permits cannot be issued through the mail.

(over)

4. **INSPECTION**

After construction of the OSTDS and prior to back filling, contact Public Health for an inspection of the completed system.

REFUND POLICY:

There will be no refunds for permits and/or Environmental Health services when field work has been conducted by staff. Refunds will be approved less \$10.00 when no action has taken place by Public Health.

SECTIONS 5.7.1 DELTA & MENOMINEE COUNTIES SANITARY CODE

5.7.1 **MINIMUM SITE REQUIREMENTS:**

1. Conventional and Pressure Distribution OSTDS

Prior to an OSTDS construction permit being issued the proposed location must meet the following site requirements.

- A. The permeability of the soil shall not exceed forty-five minutes per inch (45 min/in.).
- B. The permeability of the soil shall not be less than three minutes per inch (3 min/in.).
- C. The effective soil depth must be a minimum of twenty-four inches (24") from natural grade in stratified sand and gravel, medium sand; eighteen inches (18") in fine sand, loamy sand; twelve inches (12") in sandy loam, loam, silt loam, sandy clay loam.
- D. All of the minimum effective soil depth requirements must be confirmed by a soil profile with at least six inches (6") of effective soil depth without features of seasonal high water below the topsoil (A horizon). The department may consider alternate methods proposed by a soil scientist, licensed professional engineer, registered sanitarian or other professionals approved by the department to confirm the effective soil depth.
- E. The natural slope does not exceed twelve percent (12%). If slopes greater than 12% exist, the department may require the submission of a detailed development plan by any of the following professionals demonstrating competence:
 - 1) A licensed professional engineer
 - 2) A professional surveyor
 - 3) A registered sanitarian
 - 4) Other professional approved by the department.

The detailed plan must be to scale with a maximum 2 foot contour interval, shall show the proposed design for the initial and replacement OSTDS, and shall indicate the location intended for the dwelling and water supply. The professional shall indicate both existing and proposed contours and shall ensure areas defined on the plan for the OSTDS and the water supply are at locations that are readily accessible for future maintenance or replacement, or both.

- F. The isolation distances shall meet the requirements set forth in Section 5.7.2 of this Code.
- G. The site shall not be located in a floodplain of less than one hundred years, or in an area subject to seasonal flooding or ponding of surface waters. The property owner shall be responsible for documenting the 100 year floodplain elevation as recognized by the Michigan Department of Environmental Quality upon the department's request.
- H. The site shall not have an available sewer.

A complete copy of the Delta-Menominee District Health Department Sanitary Code On-Site Water and Sewage Regulations is available upon request or at our website at www.phdm.org.

NOTE: Commercial development is evaluated under Michigan's Criteria for Subsurface Sewage Disposal.