Public Health, Delta & Menominee Counties

Application for Environmental Health Services

Service Requested

☐ Raw Land Evaluation $_____ ☐ Water System Evaluation $_____ ☐ OSTDS Evaluation $_____

☐ Water Sample Collection $_____ Analysis Requested ☐ Bacteriological ☐ Nitrate/Nitrite ☐ Lead/Copper

☐ Other _____ $_____

Owner's Information

Name _____ Phone_____

Mailing Address _____ City _____ State _____ Zip _____

Purchaser's Information (if applicable)

Name _____ Phone_____

Mailing Address _____ City _____ State _____ Zip _____

Parcel Description

County _____ Township _____ Subdivision _____ Lot # _____
if applicable if applicable

Town _____N., Range_____W., Section_____ _____1/4 _____1/4 _____1/4

Tax ID# _____

Parcel Address _____

Driving Directions _____

For Raw Land Evaluations ONLY

Is proposed development a single- or two-family residence? ☐ Yes ☐ No

If no, please explain proposed development _____

Number of parcels to be evaluated ____ If more than 1 parcel, do parcels share property line(s) ☐ Yes ☐ No

If more than 1 parcel, please provide tax ID #'s for additional parcels _____ / _____

Size of parcel(s) _____ acres Additional parcel sizes _____ acres _____acres

If parcel is less than 1 acre, was the parcel created after July 28, 1997? ☐ Yes* ☐ No

**A different application process exists for these parcels

Applicant's Information

By signing below, the applicant acknowledges that they have been provided with PHDM's On-Site Sewage Treatment/Disposal System Process which includes the site evaluation procedures and information. The signature also conveys that the applicant has permission to have the property evaluated, if the property is not owned by the applicant.

Print Name _____ Email_____

Mailing Address _____ City _____ State _____ Zip _____

Signature _____ Date _____ Phone # _____

Return Application to: **Public Health, Delta & Menominee Counties**

2920 College Avenue
Escanaba, MI 49829
(906) 786-9696

OR

909 Tenth Avenue
Menominee, MI 49858
(906) 863-4452

Applications can also be emailed to: ehclerk@phdm.org

AGENCY USE ONLY

Date _____ Fee Paid $ _____ ☐ Cash ☐ CC ☐ Check # _____ Receipt # _____ Initials _____

Yellow: REVISED: 09/24

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)863-4452 - Fax:(906)863-7142

On-Site Sewage Treatment and Disposal System Site Evaluation Process

APPLICATION

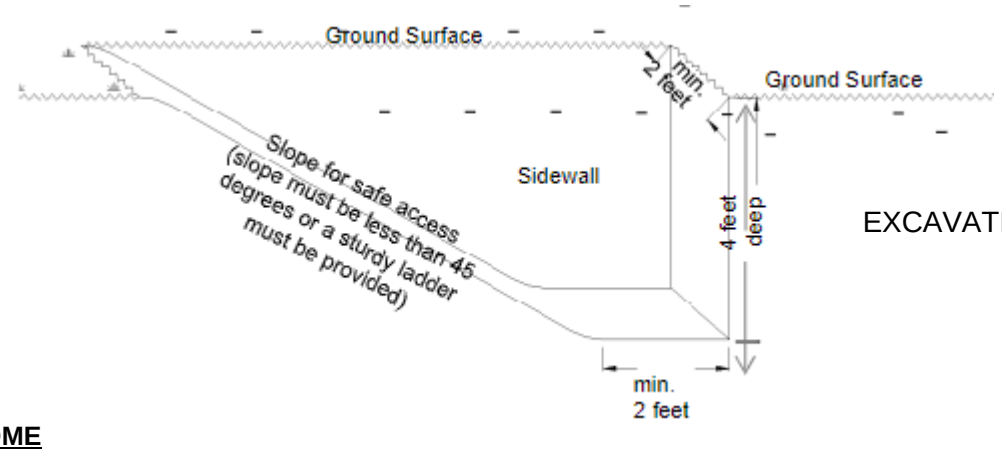
Submit a completed application for a Raw Land Evaluation or On-Site Sewage Treatment/Disposal System (OSTDS) Construction Permit, including appropriate evaluation fee. A complete application includes: names, addresses and phone numbers of the current property owner, applicant and purchaser (if applicable);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

It is the applicant's responsibility to contact the Michigan Utility Notification Center - MISS DIG at 811 or 1-800-482-7171 to ensure that underground utilities are located and marked prior to the site evaluation.

SITE EVALUATION

Public Health, Delta & Menominee Counties (PHDM) will contact the applicant to arrange an appointment to conduct a site evaluation.

- Excavations will be required to be provided by the applicant, unless otherwise specified by PHDM.
- Soil test pits must be a minimum of 2 feet (W) x 2 feet (L) x 4 feet (D) as shown on the drawing below. Note: If water is encountered, do not continue digging.
- Whenever possible, arrangements should be made to have excavating equipment and an operator present during the evaluation.
- PHDM must be able to safely access the sidewall area to evaluate the soil.
- Typically, 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.



EXCAVATION REQUIREMENTS

OUTCOME

*During the site evaluation process, PHDM 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 and Menominee Counties 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. Section 5.3.2(10) states, "The Health Officer shall have the authority to issue a construction permit for an existing OSTDS if the site does not meet the minimum replacement criteria set forth in Section 5.7.

A written soil boring report and letter explaining the results of the evaluation will be provided or, if allowable and requested, an OSTDS construction permit will be issued to the property owner following the site evaluation. The results of the site evaluation will remain valid for five years from the date of evaluation; a permit will remain valid for two years from the date of issuance.

If a permit is issued, the property owner will be notified upon its completion. Payment of the appropriate permit fees and the property owner's signature are required prior to release of the permit.

(over)

INSPECTION

After construction of the OSTDS and prior to covering any portion of the system or placing the OSTDS into service, the installer shall contact PHDM for an inspection of the completed system.

REFUND POLICY:

There will be no refunds for permits or other services when field work has been conducted by staff. Refund requests will not be honored if the request is submitted after one (1) year from the date the application was received. When EH staff appear at a scheduled evaluation and no work is conducted, only half of the paid application fee will be refunded. 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.

2. Alternative OSTDS

Site requirements for alternative OSTDS shall be in accordance with the Department's Technical Manual.

A complete copy of the Delta and Menominee Counties Sanitary Code and Technical Manual is available upon request or at our website at www.phdm.org.

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* Note: Commercial development is evaluated, in part, under Michigan's Criteria for Subsurface Sewage Disposal

** A different application process exists for parcels that will be developed under rules promulgated consequential to section 105 of Act No. 288 of the Public Acts of 1967, as amended. These include parcels that will be developed as subdivisions or site condominiums and parcel that are less than one (1.0) acre in size and created after July 28, 1997.