

# HURON COUNTY HEALTH DEPARTMENT

## ENVIRONMENTAL HEALTH DIVISION

1142 South Van Dyke, Bad Axe, MI 48413  
989-269-9721

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### DIRECTIONS TO FOLLOW WHEN APPLYING FOR A SEWAGE DISPOSAL PERMIT AND/OR WATER SUPPLY PERMIT:

1. Complete the appropriate section(s) on the attached application. The application will not be processed until the fee is paid and the application is properly completed. Applications cannot be faxed.
2. Make sure the directions to the property are clear. Use distances from nearest crossroad, landmarks, neighbor's addresses, etc. to identify the location of the property.
3. The Property Identification Number from the property tax statement **MUST be provided before the application can be processed.** (This number is also available from the Tax Mapping Office in the County Building).
4. **Draw an accurate site plan with actual measurements on the application or attach a separate sheet. Follow the directions on the back of this form.** ▶▶ If this lot is less than one acre (43,560 sq. ft.) and it is not part of a legal subdivision, verification of the date it was created must be submitted. ◀◀
5. The application must be signed by the applicant and dated.
6. Allow a minimum of one (1) week for our department to respond to your application and send you the results.

### PROCEDURES AFTER COMPLETION OF THE APPLICATION:

1. Return the following to the Health Department:
  - a. Properly completed application form with site plan. Feel free to keep a copy for your file.
  - b. The appropriate fee **MUST** be submitted with the application.

**\*\*THESE FEES ARE EFFECTIVE OCTOBER 1, 2011 THRU SEPTEMBER 30, 2012\*\***

<b>SEWAGE: NEW OR REPLACEMENT      \$355.00</b> <b>          SEPTIC TANK ONLY                \$210.00</b>		<b>WELL:    \$225.00</b>
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**\*\*\*SEE FEE SCHEDULE FOR COMMERCIAL FEES\*\*\***

2. Notify the Health Department when two (2) test holes, necessary to do the soil evaluation, are ready.  
Follow these steps in digging the two (2) test holes for a **sewage disposal system**:
  - a. They should be approximately four (4) feet deep and 12 inches in diameter.
  - b. Locate the two (2) holes at least 40 feet apart in the area of the proposed tile field.
  - c. Holes may be dug with a post hole digger, auger, backhoe or similar device.
  - d. It is recommended that test holes be covered (i.e. board, plastic, pail, etc.).
  - e. Flags are to be placed at each hole and by the road to identify the location.



# HELPFUL HINTS FOR PREPARING A SITE PLAN

1. In the space provided on the application or on a separate sheet of paper, draw an accurate dimensional site plan.
2. Include such features as: ✓garages, sheds, ✓neighboring wells within 100 ft., ✓sewage systems and replacement areas on the property; other neighboring sewage systems within 100 ft. ✓liquid fuel tanks, ✓driveways, ✓ditches, ✓easements, ✓lot lines, ✓swimming pools, ✓buried gas, water or electric lines, ✓rivers, lakes, ponds, areas of flooding, ✓subsurface drain tile, ✓any other significant details. \_If applying for a water supply permit, include all sources of contamination such as sewage systems, liquid fuel tanks, kennels, footing drains, sewer lines, barnyards, etc.
3. Additional information which may be helpful to locate site and test holes (i.e. other structures on property; landmarks such as trees, signs, etc.).
4. Draw a site plan to scale.  
(example: 1/4 inch = 10 ft.)

## MINIMUM RESIDENTIAL REQUIREMENTS (partial list)

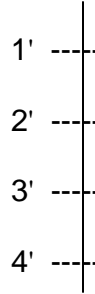
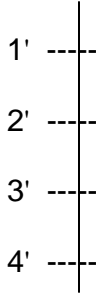
ISOLATION FROM	WELL	SEPTIC TANK	DISPOSAL FIELD
Groundwater Table	NA	NA	18"
Foundation or Basement	3'	5'	20'
Property Lines	NA	10'	10'
Drilled Well	NA	50'	50'
Surface Water, Lake, Stream	10'	50'	100'
Bank, Drop-off	NA	10'	50'
Drain or Ditch	10'	10'	25'
Water Supply Suction Line	NA	50'	50'
Water Supply Pressure Line	NA	10'	10'

EXAMPLE:

**THIS SIDE FOR HEATH DEPARTMENT USE ONLY  
SITE EVALUATION WORKSHEET**

**SEWAGE:**

1. Soil Boring Results:



2. Seasonal High Water Table/Mottling at \_\_\_\_\_ inches.
3. Isolation Distances that are Applicable: \_\_\_\_\_
4. Topography/Slope: \_\_\_\_\_
5. Area Available for Initial and Replacement Systems: Yes \_\_\_\_\_ No \_\_\_\_\_
6. Proposed Development: \_\_\_\_\_
7. System Design: \_\_\_\_\_
8. Benchmark: Yes \_\_\_\_\_ No \_\_\_\_\_
9. Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sanitarian

Date

**WATER SUPPLY:**

1. Well Location Acceptable: Yes \_\_\_\_\_ No \_\_\_\_\_
2. Deviations: Yes \_\_\_\_\_ No \_\_\_\_\_
3. Existing Well On Site: Yes \_\_\_\_\_ No \_\_\_\_\_
4. Special conditions: Yes \_\_\_\_\_ No \_\_\_\_\_
5. Comments: Yes \_\_\_\_\_ No \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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Date

**REPLACEMENT SYSTEM EVALUATION:**

- System Failure: Yes \_\_\_ No \_\_\_ 2. Type of System:  Bed (size ft<sup>2</sup>) \_\_\_\_\_  Trench (size ft<sup>2</sup>) \_\_\_\_\_
3. Dates of Previous Repair: \_\_\_\_\_ 4. Age of System: \_\_\_\_\_ Years 5. Tank Size(Gal.) \_\_\_\_\_  Unknown
6. System Design:  Gravity bed  Dosed bed  Pressure dosed bed  Gravity trenches  Dosed trenches  
 Pressure dosed trenches  Gravity mound  Dosed mound  Pressure dosed mound  Chambers  Drywells  
 Other \_\_\_\_\_  Unknown  Advanced treatment units \_\_\_\_\_  Unknown
7. Installed Under Permit? Yes \_\_\_\_\_ No \_\_\_\_\_ Permit # \_\_\_\_\_ 8. # of Occupants: \_\_\_\_\_ # of bedrooms \_\_\_\_\_
9. Sewage on Surface of Ground? Yes \_\_\_ No \_\_\_ 10. Complaint Filed? Yes \_\_\_ No \_\_\_ Complaint # \_\_\_\_\_
11. Replacement: Tank \_\_\_(T) Field \_\_\_(F) Tank & Field \_\_\_(T/F) 12. Depth of Existing System: \_\_\_ Feet
13. Soils:  Coarse Sand, Medium sand  Fine Sand, Loamy sand  Sandy loam  Loam, Sandy clay loam  Clay loam, Silt loam  Clay, Silt  Organic soil, Fill soil
14. Reason for Replacement:  Septic tank failure  Infrequent tank pumping  Pipe filled with solids  Damaged/  
Collapsed piping system  Hydraulic overload  System undersized  Insufficient isolation to water table  
 Root intrusion  Installation error  Unsuitable fill  dirty stone  Excess cover  Lack of maintenance.  
 Dirty Stone  Unable to Determine  Soil Clogging  Other \_\_\_\_\_

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Date