



## SEPTIC CUSTOMER INFORMATION SHEET

**MIDLAND COUNTY DEPARTMENT OF PUBLIC HEALTH  
ENVIRONMENTAL HEALTH DIVISION  
220 W. ELLSWORTH ST., MIDLAND, MI 48640-5194  
FAX NUMBER 989 486-9065**

**E-Mail: [ehinfo@co.midland.mi.us](mailto:ehinfo@co.midland.mi.us)**

**OFFICE HOURS MONDAY THROUGH FRIDAY 8:00 – 12:00 PM AND 1:00 - 5:00 PM**

**FRED YANOSKI, DIRECTOR/HEALTH OFFICER**

**837-6574**

**OFFICE STAFF**

**832-6380**

**FIELD STAFF SANITARIANS**

**BOB WOLFE  
832-6684**

**GREG PRICE  
832-6682**

**ALAN BLOCH  
832-6675**

**NATHAN JAMMER  
832-6683**

**TYPICAL OFFICE HOURS FOR SANITARIANS TO RECEIVE CALLS: 8:00 AM - 9:30 AM**

**CALL THE SANITARIAN TO SET AN APPOINTMENT TIME WHEN BORING HOLES ARE READY AND FOR FINAL INSPECTION OF A SEPTIC SYSTEM BEFORE COVERING**

### ABSORPTION FIELD – MINIMUM NUMBER OF SQUARE FEET

	2	3	4	5
Bedrooms***	2	3	4	5
Tank Size ***	1000 gal	1250 gal	1500 gal	1750 gal
Course / Medium Sands	400 sq ft 150 lin ft	600 sq ft 200 lin ft	800 sq ft 275 lin ft	1000 sq ft 350 lin ft
Fine / Loamy Sands	525 sq ft 175 lin ft	800 sq ft 275 lin ft	1050 sq ft 375 lin ft	1400 sq ft 475 lin ft
Sandy Loam	800 sq ft 275 lin ft	1200 sq ft 400 lin ft	1600 sq ft 525 lin ft	2000 sq ft 650 lin ft
Loam Sandy Clay Loam	1500 sq ft 500 lin ft	2100 sq ft 700 lin ft	2700 sq ft 900 lin ft	3300 sq ft 1100 lin ft

- Clay-loam or Less Porous Soil Requires Special Consideration
- Add 250 gallons to tank size & 20% to absorption field size for garbage disposal.
- Lineal feet based on two-foot wide trench, lateral lines 6 foot on center.
- Structures Less Than Two Bedrooms May Require Systems less than those listed above.

MINIMUM ISOLATION FROM ***	SEPTIC TANK	SEPTIC FIELD
Property Lines	10 ft	10 ft
Building Foundation and Basement	10 ft	20 ft
Slab Construction (e.g. Patio, Garage)	5 ft	5 ft
Mobile Home Pad	5 ft	10 ft
Swimming Pool (in ground)	10 ft	20 ft
Water Supply Well (Deep Well)	50 ft	50 ft
Lake, River, Stream, Pond	50 ft	50 ft
Road Ditch, County Drain, Drainage Tile	20 ft	20 ft
Pressurized Water Line –unknown material	10 ft	10 ft
Un-protected Well suction line	50 ft	50 ft
MINIMUM ISOLATION IN A SUBDIVISION ***	SEPTIC FIELD	
Property Lines	10 ft	
Building Foundation and Basement	20 ft	
Top to Drop Off, and Road Ditch No Connection to Surface Water	20 ft	
Footing Drains in Water Table No Connection to Surface Water	25 ft	
Footing Drains in Water Table With a Connection to Surface Water	50 ft	
Drains Designed to Lower the Water Table	100 ft	
Surface Water	100 ft	
Private Well	50 ft	

\*\*\* ISOLATION DISTANCES MAY BE INCREASED OR DECREASED AS REQUIRED

**ALL SITES MUST HAVE A SITE PLAN**

**New Septic tank size: Two compartment septic tanks are required or two- individual tanks in**

series may be utilized.

**Effluent Filter:** *A septic tank effluent filter shall be installed in the septic tank outlet having a minimum 6 inches diameter or equivalent.*

**Access Holes:** 24 inch diameter risers shall be utilized where top of septic tank is located more than 12 inches below the final grade. Risers and lids must be tight fitting, secured, and tamper resistant. Lids shall be equipped with a locking mechanism or fasteners that need specialized tools for access.

**NOTICE:** Contact MISS DIG (1-800-482-7171) at least 3 days prior to assessments or excavation. This department assumes no liability for damages caused while conducting an assessment.