



APPLICATION FOR ALTERNATIVE WASTEWATER DISPOSAL PERMIT

Please check all that apply

- Residential Site Evaluation - \$200
- Non - Residential Site Evaluation - \$300
- Revisit Fee - \$100
- Alternative or Advanced Treatment Wastewater Permit - \$600

Address of Property: _____ City: _____ Zip: _____

Permanent Parcel #: 41 - _____ - _____ - _____ Township: _____

Description of Property: (Site plan required. Survey & floor plans are required for new construction.)

- Metes & Bounds - _____ Acres
- Subdivision - Subdivision Name: _____ Lot #: _____

Building/Structure Information: Single Family Dwelling Other _____
of Bedrooms: _____

Applicant/Authorized Agent: _____ **Owner:** _____
Address: _____ Address: _____
City: _____ State: _____ Zip: _____ City: _____ State: _____ Zip: _____
Phone: _____ Phone: _____
Email: _____ Email: _____

To access property please contact: Owner Applicant Other: _____

Method of Delivery: _____ Other Contact #: _____

- E-mail Call to pick up in person
- Other: _____

System Designer: _____ Firm: _____
Phone: _____ Email: _____

See Page 2 of Application for complete check list required for all submittals.

DISCLAIMER:

By signing below, I hereby certify that the information provided is complete and accurate. I understand that this application is requesting an alternative wastewater disposal facility. I understand that the Kent County Health Department may not offer applicable guidelines for design and use of this proposal. I understand that payment of the application fee does not guarantee approval. I further acknowledge that I am the property owner or am acting as an authorized agent on behalf of the property owner. I understand I am responsible for coordinating and providing the equipment and operator or other additional testing. Owner or authorized agent is responsible for contacting MISS DIG prior to service. Failure to show up for an appointment may result in a \$75 charge. Application fees are non-refundable upon initiation of any field activities. A \$50 processing fee applies to all applications cancelled prior to field work. Prior to issuing a permit, I understand that I will be responsible for recording an affidavit on the property deed stating that this property may be subject to ongoing maintenance and future regulatory requirements to operate such alternative treatment systems.

Applicant or authorized agent signature: _____ **Date:** _____

FOR OFFICE USE ONLY

Fee Paid: _____ Receipt #: _____ Date: _____



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Application Checklist

- Written request for variance from Sewage Disposal Regulations for Kent County, Michigan. What conventional septic system site suitability criteria cannot be met and how will the alternative system overcome limitations to provide equal or superior wastewater treatment?
- System design submitted by Registered Sanitarian, soil scientist, or Engineer
- Plans drawn to scale and include the following: property boundaries, soil test pit locations, building location, utility pathways, easements, surface water, storm sewers, parking and drives, water service, water wells, sewer invert elevations, tanks cross sections and elevations, filter specifications, float elevations and functions, pump specifications, timer settings, treatment systems, dispersal system location, replacement area, observation port locations and design, and any information necessary to locate and install the proposed facility. If any item in this list is not applicable, please explain here:

- Basis of Design: Statements regarding wastewater characteristics including, design flow, peak daily flow, wastewater strength, flow surges, etc.
- Depth to limiting layer and type of limiting layer
- Soil description: Include USDA classification of texture, structure, and color.
- Soil loading rate
- Distribution cell loading rate if applicable
- Linear loading rate or effluent mounding analysis
- Dosing type: gravity, siphon, demand, timed, surge storage dosing, other
- Lateral design (complete hydraulic analysis, i.e. orifice size, number of orifices, position of orifice, shields, residual head, gpm, etc.)
- Operation and maintenance manuals. For sand filter proposals, call for copy.
- For proprietary treatment systems, include a Michigan Specific Design and Installation Manual.
- Systems using filter media or specified fill sand must include a source of material and sieve analysis.
- Specify the timing and construction techniques necessary to assure that the area for installation of the initial and replacement distribution areas, including downgradient area, are left in the natural state and vehicular traffic is precluded to prevent damage to the soil (compaction, smearing, puddling) before, during, and after construction
- Specify the method of testing water tightness of septic and dosing tanks, and a method of testing the pressure distribution system. Recommend ASTM c1227 methods. Specify when, how, and who will conduct testing.
- Specify system start up methods, include flushing, inspection items, and who will set up panels and floats if applicable. If cold weather start-up will hinder performance, please provide explanation in construction techniques.
- Inspection schedule, when and who will provide requests for inspections. Must include pre-construction meeting, site preparation inspection, final prior to back fill, final grade, final operational, and post six-month operation.