



**Department of Environmental Quality
Resource Management Division
Septage Waste Program
Existing Land Site Inspection Form**
Printed by authority of Part 117, 1994 PA 451, as amended

Business Name _____ **Land Owner** _____ **License No.** _____
Land Site Address _____ **Site I.D. No.** _____ **Field No.** _____
City _____ **County** _____ **Township** _____ **Section** _____

Land Site Status, Use and Characteristics

1 *Is this a DEQ licensed land site?* Yes No
If "No" STOP inspection. Notify hauler not to use the land site until it is properly licensed. Check "Not In Compliance" under "Recommendation."
Land site's status can be verified by accessing the DEQ Septage Hauler directory on the website at www.michigan.gov/septage.

2 *Is this land site/location currently used for septage waste application?* Yes No
Note: Current use means septage waste is being land applied within one to two-year crop rotational cycle.
If Yes, answer or respond to the questions/statements from items 2 through 39 as applicable.
If No, go to item # 40.

3 *Is there a current completed cropping plan form for this field/land site? (Sec. 11710. [i]).* Yes No
(If "No" contact hauler for cropping plan for all fields at all land sites. Inform hauler to stop land application until cropping plan is submitted and reviewed).

4 *Determine whether the following minimum isolation distances are met (Sec. 11710.[c][i – ix])*

Check box if minimum distance is met.

Application Method** **→** Injection Surface

**Indicate observed distance only
if minimum distance is not met**

Type I public water supply wells:	2,000 ft <input type="checkbox"/>	2,000 ft <input type="checkbox"/>	_____ feet
Type IIa public water supply wells:	2,000 ft <input type="checkbox"/>	2,000 ft <input type="checkbox"/>	_____ feet
Type IIb public water supply wells:	800 ft <input type="checkbox"/>	800 ft <input type="checkbox"/>	_____ feet
Type III public water supply wells:	150 ft <input type="checkbox"/>	800 ft <input type="checkbox"/>	_____ feet
Private drinking water wells:	150 ft <input type="checkbox"/>	800 ft <input type="checkbox"/>	_____ feet
Other water wells:	150 ft <input type="checkbox"/>	800 ft <input type="checkbox"/>	_____ feet
Homes or commercial buildings:	150 ft <input type="checkbox"/>	800 ft <input type="checkbox"/>	_____ feet
Surface water (lake, stream, pond, drainage ditch, etc.):	150 ft <input type="checkbox"/>	500 ft <input type="checkbox"/>	_____ feet
Roads or property lines:	150 ft <input type="checkbox"/>	200 ft <input type="checkbox"/>	_____ feet

**If hauler intends to use both methods at the same site, check both boxes but determine isolation distances based on surface application method. Provide explanation under "Comments", as needed.*

5 *Is the land slope in this field within ≤ 6% for surface or ≤ 12 % for injection method of application?* Yes No

6 *Is the water table for this field 30 inches or deeper below the applied septage waste? (Sec. 11710. [f]).* Yes No

Land Site Management Practices

7 *Are the corners or boundaries of this field clearly marked or otherwise identified?* Yes No

8 *Is septage waste being disposed at the location authorized by DEQ?* Yes No

9	Who performs the following practices at this existing land site? <i>(Check all that apply)</i> : Apply septage waste: <input type="checkbox"/> Hauler <input type="checkbox"/> Land Owner <input type="checkbox"/> Other _____ Incorporate septage waste: (if applicable) <input type="checkbox"/> Hauler <input type="checkbox"/> Land Owner <input type="checkbox"/> Other _____ Grow & harvest crops: <input type="checkbox"/> Hauler <input type="checkbox"/> Land Owner <input type="checkbox"/> Other _____
10	The method(s) of restricted public access used at the land site: <i>(Check all that apply)</i> (Sec. 11710.[g][iii]) <input type="checkbox"/> Legible Sign(s) Posted <input type="checkbox"/> Remoteness of Site <input type="checkbox"/> Fencing <input type="checkbox"/> Other _____
11	Are animals whose products are consumed by humans allowed to graze on the site? (Sec.11710.[g][ii]) <input type="checkbox"/> Yes <input type="checkbox"/> No
12	Are crops grown for direct human consumption where contact between the septage waste and the edible portion of the crop are possible? (Sec. 11710.[h]) <input type="checkbox"/> Yes <input type="checkbox"/> No
13	If "Yes", was the septage waste treated to reduce pathogens prior to disposal on lands? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA (Sec. 11710.[h])
14	Is there a current soil test report available for this field/site? (Sec. 11709 [e] (11710[k]) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <i>(If "No" contact hauler for soil test report. NA would apply if septage waste is not land applied in the cropping year)</i>
15	Soil phosphorus level exceeds 300 lbs/acre? <input type="checkbox"/> Yes <i>(If yes, suspend further land application of septage waste and initiate review of previous soil samples reports & soil sampling methods)</i> <input type="checkbox"/> No
16	Is the agronomic application rate (AAR) exceeded? (Sec. 11710 [a]) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <i>(Application of additional sources of nitrogen and phosphorus from other sources apart from septage waste would require re-assessment of AAR. NA would apply if septage waste is not land applied in the cropping year).</i>
17	Are erosion/runoff control methods being implemented at the field/ site during the Period(s) of active septage waste application in the cropping year? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <i>(Note: NA would apply if septage waste is not land applied in the cropping year)</i>
18	Are septage waste disposal records at this field/site available and complete? (Sec. 11703 [5]) <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Note: Land disposal records of septage waste should be available regardless of whether septage waste is land applied during the cropping year).</i>
19	Has the hauler planted any crops at this field/site since the last septage waste application? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Check cropping plans of previous & current cropping years, field observations & interview)</i>
20	Does the cropping plan for the current cropping year match your observations of the field/site? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Check crop type, planting & harvest time, AAR & time of septage waste application, etc)</i>

Septage Application and Screening

21	Which accessory equipment is available and used to discharge septage waste uniformly on/into the ground? (Sec. 11710.[a]) <input type="checkbox"/> Splash plate or reverse funnel device <input type="checkbox"/> Screening device <input type="checkbox"/> Injectors <input type="checkbox"/> Other device: _____ <i>(Check all that apply)</i>
22	If <u>surface</u> application to fallow land, is the septage waste uniformly distributed and mechanically incorporated within 6 hours or 48 hours (lime-stabilized)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
23	If <u>injection</u> application, is the septage waste properly injected below the ground surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
24	Did you perceive unacceptable level of septage waste odors at the field? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <i>(Note: NA would apply if septage waste is not land applied in the cropping year)</i>
25	Is there a device available at this site or remotely located for screening or grinding

	of septage waste before land application? (Sec. 11710. [l]).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
26	If "Yes", the type of the device and size is: (Sec. 11710.[l]) (Check all that apply)	<input type="checkbox"/> Screen 1/2 inch or less mesh, <input type="checkbox"/> Slats 3/8 inch or less, <input type="checkbox"/> Grinder size 1/2 inch or less in diameter Other: _____
Food Establishment Septage (FES)		
27	Does the septage firm land apply food establishment septage (FES) to this field/site?	<input type="checkbox"/> Yes <input type="checkbox"/> No
28	If "Yes", is the method of blending the FES and domestic septage waste to achieve the 1:3 ratio (i.e. 1 part FES to 3 parts of domestic septage? (Sec. 11710.[j]), still the same as stated by hauler in the initial application (EQP 5837) and/or cropping plan?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
29	If no, explain how blending is done to achieve the 1:3 ratio (i. e 1 part FES to 3 parts of domestic septage?) (Sec. 11710.[j]).	_____
Septage Waste and Lime Stabilization		
30	Does the septage firm lime-stabilize septage waste before land application? (Sec. 11711.[c])	<input type="checkbox"/> Yes <input type="checkbox"/> No
31	If "Yes", are relevant <u>accessories</u> (e. g lime, pH monitoring kit) and <u>methods</u> available and used to monitor septage waste pH before land application?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
32	If "Yes", are accurate lime stabilization records kept and available for review on request?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Septage Waste Storage Facility		
33	Does the septage firm own and/or operate a septage waste storage facility (SWSF) to assist land site management? If "No" go to item # 40.	<input type="checkbox"/> Yes <input type="checkbox"/> No
34	Was the SWSF installed before 10/12/04?	<input type="checkbox"/> Yes <input type="checkbox"/> No
35	Has the SWSF received DEQ approval if installed after 10/12/04?	<input type="checkbox"/> Yes <input type="checkbox"/> No
36	What is the total capacity of the SWSF? _____ gallons	
37	Evidence of leakage, spillage or excessive odors? (Indicate additional observations about presence or lack of leak monitoring devices to detect leaks).	<input type="checkbox"/> Yes <input type="checkbox"/> No
38	Is there a fence, security lock or a conspicuous sign posted that limits access to the SWSF?	<input type="checkbox"/> Yes <input type="checkbox"/> No
39	Observed modifications to SWSF since installed. Note: Modifications may include but not limited to increasing SWSF capacity, replacing previous tank, etc	<input type="checkbox"/> Yes <input type="checkbox"/> No
Reserve Land Sites Sites not used for septage waste application – Reserved by hauler for future application of septage waste. Requires annual site visit to confirm inspection items below		
40	Has this field/site been used for septage waste application within the last two years despite its classification as a reserve field/site?	<input type="checkbox"/> Yes <input type="checkbox"/> No
41	Is there a cropping plan for this field/site (If "No", contact hauler for cropping plan showing site identification and land use during reserve period. Soil test report is not required).	<input type="checkbox"/> Yes <input type="checkbox"/> No
42	What was observed at the site in terms of its current use? (Check all that apply) <input type="checkbox"/> Field Crops <input type="checkbox"/> Weeds <input type="checkbox"/> Other _____	
43	Has there been any activity or developmental project that has occurred within the parcel and/or adjacent parcels that would interfere with the isolation distance requirements of the authorized area for the application of septage waste? See item #3	<input type="checkbox"/> Yes <input type="checkbox"/> No

