



Septage Waste Program



Tragedy & Triumph



Presented by
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Septage Program Coordinator
Water Bureau





Historically, the application of septage waste to land has been problematic at best...





Violations today are the result of a number of things:

- **Ignorance or confusion of the law.**



Tragedy and Triumph

An approval to build a SWSF is forever.





Tragedy and Triumph

I can pump and dump anything! Right?





Violations today are the result of a number of things:

- Ignorance or confusion of the law.
- **Blatant disregard of the law and a belief they won't get caught.**

I'll never get caught!



I'll never get caught!



I'll never get caught!



I'll never get caught!





I'll never get caught!

- **In 2007, 7 “big” cases were resolved.**
- **DEQ issued finds in excess of \$27,000.**
- **Local courts issued fines over \$2,000.**
- **All major actions are posted on the program website.**
- **Many “minor” violations were enforced by local health and the DEQ.**



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Septage

Water Bureau - Septage Program

Welcome to the Water Bureau Septage Homepage. The licensing and handling of domestic Septage is regulated under 2004 Public Act 381, which amended Part 117, Septage Waste Servicers, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The Michigan Department of Environmental Quality (MDEQ), Water Bureau administers the Septage program with the assistance of participating county health departments.

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Minor violations.





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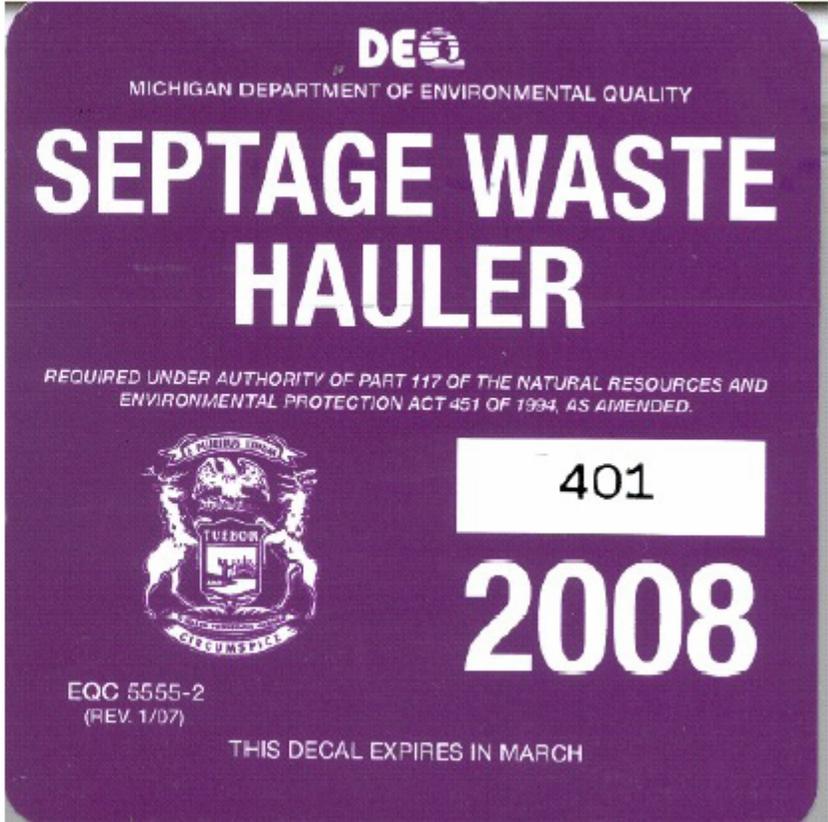
Minor violations.



2007 SEPTAGE PROGRAM DECALS



LAND APPLICATION DECAL



WWTP ONLY DECAL



Violations today are the result of a number of things:

- Ignorance or confusion of the law.
- Disregard for the law and a belief they won't get caught.
- **Trying to beat the competition at all costs.**



Tragedy and Triumph

Beat the competition at all costs.





Tragedy and Triumph

Beat the competition at all costs.





Violations today are the result of a number of things:

- Ignorance or confusion of the law.
- Disregard for the law and a belief they won't get caught.
- Trying to beat the competition at all costs.
- **Laziness.**



Laziness (one of the 7 deadly sins):

- **Incomplete or non existent records.**



Laziness (one of the 7 deadly sins):

- Incomplete or non existent records.
- **Non uniform application of septage.**

Non uniform application.



Laziness (one of the 7 deadly sins):

- Incomplete or non existent records.
- Non uniform application of septage.
- **Stationary dumping.**

Stationary dumping.





Laziness (one of the 7 deadly sins):

- Incomplete or non existent records.
- Non uniform application of septage.
- Stationary dumping.
- **Land applying on unlicensed fields.**

Laziness (one of the 7 deadly sins):

- Incomplete or non existent records.
- Non uniform application of septage.
- Stationary dumping.
- Land applying on unlicensed fields.
- **Not bothering to screen.**

Laziness (one of the 7 deadly sins):

- Incomplete or non existent records.
- Non uniform application of septage.
- Stationary dumping.
- Land applying on unlicensed fields.
- Not bothering to screen.
- **Land applying in winter without getting DEQ authorization.**

No authorization to apply in winter.



Laziness (one of the 7 deadly sins):

- Incomplete or non existent records.
- Non uniform application of septage.
- Stationary dumping.
- Land applying on unlicensed fields.
- Not bothering to screen.
- Land applying in winter without getting DEQ authorization.
- **No Motor Vehicle Safety inspection.**



Tragedy and Triumph

No motor vehicle safety inspection.



Now for the triumph!



Triumph – Septage Waste Storage Facilities

- From this...



Triumph – Above ground SWSF

- To this!



Triumph – Above ground SWSF



Triumph – SWSF





Tragedy and Triumph

Triumph – SWSF below ground.



Triumph – SWSF Lagoons



Triumph – SWSF Lagoons



Triumph – SWSF Lagoons



Triumph – Screening



Triumph – Screening







Vehicles - From this:





Tragedy and Triumph

Vehicles - To this:



Land application.





Tragedy and Triumph



Land application.



Land application.





Septage Waste Receiving Facilities

- Before amendments were passed there were 43 SWRFs accepting septage waste.
- A few months after the law passed we only had 20 DEQ authorized SWRFs.
- As of today, we have 48 authorized SWRFs.



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Approved Septage Waste Receiving Facility Operating Plans

- [City of Adrian Wastewater Treatment Plant](#)
- [Benton Harbor-St. Joseph Joint Wastewater Treatment Plant](#)
- [Betsie Lake Utilities](#)
- [Big Fish Environmental, LLC Septage Receiving Facility](#)
- [Bridgeport Charter Township Septage Receiving Facility](#)
- [Village of Chesaning Septage Treatment Facility](#)
- [Clean Earth Environmental Septage Receiving Station](#)
- [City of Coldwater Wastewater Treatment Plant](#)
- [Detroit Water and Sewerage Department](#)
- [Dimondale/Windsor Wastewater Treatment Plant](#)
- [Galien River Sanitation District Sewer Authority](#)
- [Genesee County Septage Receiving Facility](#)
- [Grand Traverse County Septage Treatment Facility](#)

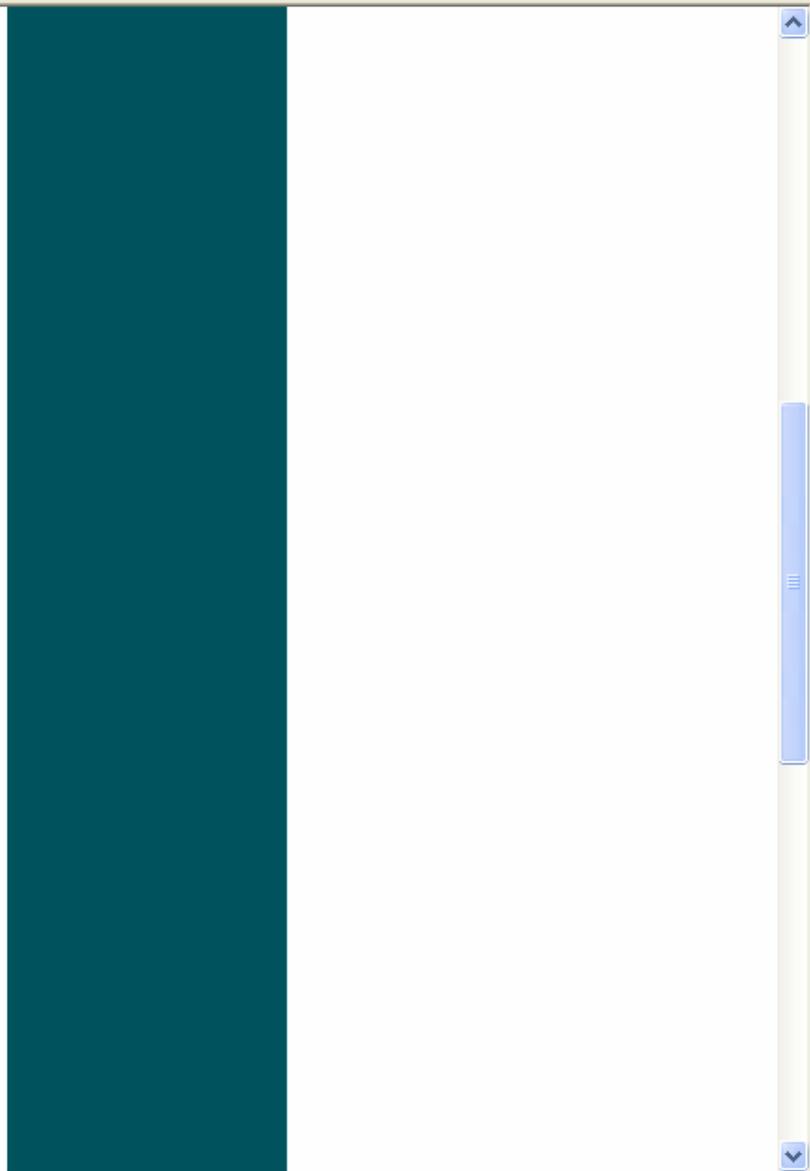
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- [Village of Honor Wastewater Treatment Plant](#)
- [Iron Mountain - Kingsford Septage Receiving Facility](#)
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- [City of Kalamazoo Septage Receiving Facility](#)
- [Keweenaw County, Mount Horace Greeley](#)
- [Leoni Township Septage Receiving Facility](#)
- [Livingston County Septage Receiving Station](#)
- [City of Mason Wastewater Treatment Plant](#)
- [Menominee Wastewater Treatment Plant](#)
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- [Monroe Metropolitan Septage Receiving Facility](#)
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- [City of Munising Wastewater Treatment Plant](#)
- [Muskegon County Wastewater Management System](#)
- [City of Niles Wastewater Treatment Plant](#)



- [Village of Newberry Wastewater Treatment Plant](#)
- [North Houghton County Water & Sewage Authority](#)
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- [Plummer's Septic Tank Receiving Facility](#)
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- [Southwest Barry County Sewer & Water Authority Septage Receiving Facility](#)
- [Stephenson Septage Receiving Facility](#)
- [Village of Suttons Bay Wastewater Treatment Plant](#)
- [Three Rivers Clean Water Plant Septage Receiving Facility](#)
- [West Iron County Sewer Authority Septage Receiving Facility](#)
- [Ypsilanti Community Utilities Authority](#)

The End

