

GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE

M.G.

- DIVISION OF -

WATER & WASTE SERVICES

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JEFFREY WRIGHT

April 2009 Revised June 2022

Policy for Waste Haulers Discharging into Genesee County WWS Sewerage Disposal System

The purpose of this policy is to protect the biosolids and final effluent quality of the Anthony Ragnone Treatment Plant. It is intended to cover domestic and limited commercial wastewater haulers requesting a permit to discharge into the Genesee County Waste Water Collection and Treatment System. All discharges are to be made at the facilities located at 4610 Beecher Road, Flint, Michigan, at an approved discharge site.

Definitions:

"Approved Discharge Site" means the Division's facilities located at 4610 Beecher Road, Flint, Michigan. The approved discharge site does not treat the waste; it is a collection and transport to the Anthony Ragnone Treatment Plant (ARTP), which ultimately treats the septage waste. ARTP is governed by its current NPDES permit, which defines the allowable loading rates.

"Domestic Septage" means liquid or solid material removed from a septic tank, cesspool, portable toilet, type III marine sanitation device, or similar storage or treatment works that receives only domestic waste. Domestic septage does **not** include liquid or solid material removed from a septic tank, cesspool, or similar facility that receives either commercial wastewater or industrial wastewater and does not include grease removed from a grease interceptor, grease trap, or other appurtenance used to retain grease or other fatty substances contained in restaurant waste.

"Excavation Rainwater" is defined as ponded rainwater or melted snow that accumulates in active, non-industrial construction sites.

Division approval required for discharge:

In order to be considered for discharge to the Division's wastewater collection system, the hauler must submit a written request, on a form to be provided by the Division's Industrial Pre-Treatment Office (IPP), to the Industrial Pre-Treatment coordinator at the Anthony Ragnone Treatment Plant. In the request, the waste hauler should indicate type of waste (for example portable toilet effluent, material from domestic septic system, specific type of commercial wastewater) to be permitted for discharge to the collection system. Any firm that wishes to dispose of waste at the Division's facilities must be a licensed waste hauler as certified through the State of Michigan, Department of Environmental Quality.

Allowable waste includes that waste originated from domestic, commercial or institutional establishments consisting of the waste product from human metabolism and food processing activities. Excavation rainwater that has less than five (5) parts per billion (ppb) of total BTEX (benzene, toluene, ethyl benzene and xylene) discharge may be allowable. Waste originating from

industrial processes, including painting, metal finishing, plating, and many other sources will not be considered acceptable.

If the types of waste(s) collected for discharge to the sanity sewer are Domestic Septage wastes **only** (for example: portable toilet effluent material from domestic septic system), the Discharge Permit issued states that they are authorized to discharge domestic septage at the Beecher Road discharge site (septage receiving site).

If the types of waste(s) collected for discharge to the sanity sewer are **other** than Domestic Septage, for example commercial or institutional establishments consisting of the waste product from human metabolism, excavation rain water that has less than five (5) parts per billion (ppb) of total BTEX (benzene, toluene, ethyl benzene and xylene) discharge <u>may</u> be allowable. An Application for Non-Domestic/Industrial Discharge Permit is required to be filled out for review along with a waste characterization analysis, prior to determining whether the discharge is acceptable.

Regulations:

Trucked or hauled pollutants will be accepted only if transported to the Beecher Road site in compliance with state and federal hazardous waste and liquid industrial waste laws. All trucked or hauled wastes to be discharged must be accompanied by a completed waste manifest form signed by the permittee, and the manifest must be delivered to the Operations and Maintenance Department Clerk for review prior to commencing discharge of the load.

Waste originating from industrial processes, including painting, metal finishing, plating and many other sources will <u>not</u> be accepted.

The Division may impose any conditions on the discharge determined necessary to ensure compliance with its NPDES permit and protection of the Genesee County Waste Water Collection and Treatment System including, without limitation, conditions regarding the time, place, and manner of discharge, restrictions on the quantity and quality of the discharge, and sampling requirements.

Failure to accurately record every load, falsification of data, shall constitute a violation the Sewer Use Ordinance (SUO) and may result in revocation of the hauler's permission to discharge, loss of deposit, and/or the imposition of fines and penalties as provided by the SUO.

Every truckload discharged will be sampled. The sample for each individual hauler is composited in the hauler's designated container. Each sample is identified for tracking with a control number issued by the Division and dated by the truck driver. The number is attached to the bottle the sample is put in.

A percentage of samples will be randomly tested. All samples will be held a minimum of thirty (30) days or until its possible effects on the POTW are past. All samples of discharges having a negative effect on the POTW will be tested. All costs associated with negative impacts to the plant shall be borne by the discharger causing the negative impact.

The Division will review and process the written request for discharging promptly, usually within ten (10) working days from the day it was received by the IPP coordinator. When the Division has determined the material that is proposed to be discharged is acceptable, the Division will issue a permit to discharge.

Rates:

Haulers that establish an account with the Division of Water and Waste Services agree to pay the rates and fees according to the current <u>Fee Schedule</u> as published and from time to time modified by the Drain Commissioner. Invoices that go unpaid for thirty-one (31) days will incur a 2% per month penalty, and any invoices that go unpaid for more than sixty (60) days will result in revocation of the permit to discharge. The schedule of fees that is in effect as to the date of this policy is July 1, 2022.

City of Flint Gate Card(s) for Sludge Haulers

Due to the City of Flint's reactivation of the "open" and "close" schedule of the main gate, it will be necessary for the sludge haulers to have gate cards. This will require the following policy:

- Issue, activate, and disburse the requested number of City of Flint Gate Card(s), including
 the respective forms requiring signed authorization by the sludge hauler verifying receipt
 of the "Gate" card(s), Cardholder number issued is correct, and have read, understand, and
 acknowledge the fee(s) and "Cardholder" responsibilities.
- Operations and Maintenance (O & M) will invoice the sludge haulers for lost cards, \$100.00 per "Gate" card, disbursed on the next monthly billing.

Substance:

A surcharge shall be made for all waste discharged that is more concentrated than normal domestic sewerage. Additional charges may be made for discharges with concentrations higher than any of the following:

BOD₅ greater than 250 parts per million Suspended Solids greater than 300 parts per million Phosphorus greater than 20 parts per million Ammonia greater than 20 parts per million

Septage Fees

Monthly: The permit holder must deliver or have delivered to the designated WWS receiving station a minimum of 200,000 gallons in one calendar month.

Yearly: The permit holder must deliver or have delivered to the designated WWS receiving station a minimum of 2,400,000 gallons in one calendar year (200,000 monthly average). The permit holder and/or hauler will receive monthly invoices and is required to pay the invoice in full each month. In January of the following year, WWS staff will review each account to determine if they qualify for the yearly High-Volume Tanked Waste rate. For the permit holder and/or haulers to quality, WWS staff will re-calculate the charges at the High-Volume Tanked Waste rate for the months in which the 200,000-gallon monthly minimum was not met, and the credit will be applied to the account.

*Requires an account to be established prior to discharge and a pre-payment of fees. Additional charges may be incurred for high strength compatible pollutant discharges.

High Strength Compatible Pollutant Surcharge Rates

Anthony Ragnone Treatment Plant (ARTP)

1.	BOD5	\$0.17/lb
2.	Total Suspended Solids	\$0.17/lb
3.	Ammonia	\$0.94/lb
4.	Phosphorus	\$2.04/lb

Recommended by:

Olfo/ 2nd	Dated:	Jone 16	, 2022
John F. O'Brien, P.E. BCEE, Director	= :		

Dated: 6 21 , 2022

This policy will take effect on July 1,2022.