



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



STEVEN E. CHESTER
DIRECTOR

May 21, 2012

Mr. David DeGrand
4622 McGrath Road
Beaverton, Michigan 48612

Dear Mr. DeGrand:

SUBJECT: Septage Receiving Facility Operating Plan Approval for Billings Township
Wastewater Treatment Plant

The Department of Environmental Quality (DEQ), Resource Management Division (RMD), has completed the review of the Billings Township Wastewater Treatment Plant (Plant) Septage Waste Operating Plan (Operating Plan.) The Operating Plan is approved and meets the requirements outlined in Section 11715b of Part 117, Septage Waste Servicers, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

The Plant's approved Operating Plan will be posted on the Septage Program Web site and can be viewed at <http://www.michigan.gov/septage> by clicking the "Approved Septage Waste Receiving Facility Operating Plans" link.

The receiving facility must operate in accordance with the approved operating plan. If a change in operations or conditions is anticipated, please file an amendment to the operating plan at least thirty (30) days prior to the proposed date for implementation.

Thank you for your continued environmental stewardship and service to those with on-site wastewater systems in and around your community and those who service them. If you have any questions regarding this matter, please contact me via e-mail at burutolu@michigan.gov; at either of the telephone numbers listed below; or DEQ, P.O. Box 30241, Lansing, Michigan 48909-7741.

Sincerely,

Ebi Burutolu, Soil Scientist
On-Site Wastewater Unit
Solid Waste and Land Application Section
Resource Management Division
Lansing-Phone: 517-241-4598
Warren-Phone: 586-753-3773

cc: Ms. Michelle Patton, Central Michigan District-Gladwin County
Mr. Brian Rudolph, Saginaw Bay, DEQ

BILLINGS TOWNSHIP WWTP SEPTAGE PLAN

The following information is the septage receiving plan for the Billings Township WWTP. The plan includes: Origin of Waste, Fees, Location, Duties & responsibilities, & Sampling.

LOCATION:

The Wastewater Treatment plant is located at 4622 McGrath Rd., Beaverton, MI 48612. Our septage receiving area is located on the east side of plant near the entrance gate. Our proposed disposal site would be directly over the aerated sludge tank. This tank can be isolated and decanted with valves at 4 different elevations. The sludge tank capacity that can be utilized for the septage is 51,000 gallons. An additional 120,000 gallons of storage is available if the water needed to be held. The Organic loading capacity of the treatment plant is 500 – 600 lbs BOD/day. We currently average 100 lbs/day of BOD.

Treatment Plant Contacts:

WWTP Manager: David DeGrand	Ph #: 989-435-9867	Cell #: 517-242-2313
WWTP Operator: Verde Van Sickle	Ph #: 989-435-9867	
Plant Email: albrightshoreswwtp@hotmail.com		Plant Fax #: 989-435-9858
WWTP Owner: Billings Township	Ph #: 989-435-8430	1050 Estey Rd.

TREATMENT PLANT SPECIFICATIONS:

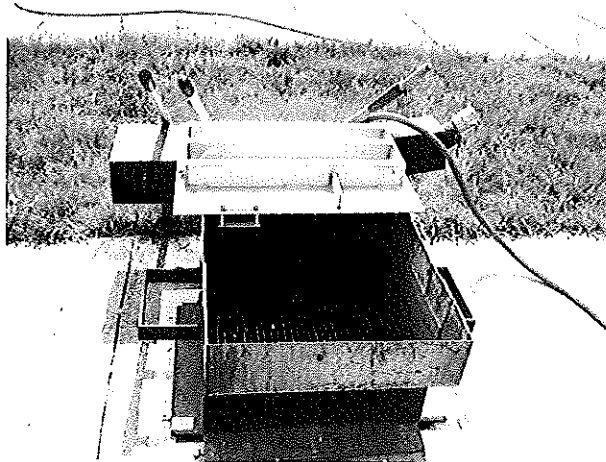
The Billings Township WWTP is an activated sludge system. The average design flow is 0.250 MGD with a peak flow capability of 0.650 MGD. The treatment plant is currently operating under 0.100 MGD. The treatment process will begin with an aerated equalization tank with screening unit followed by 2 oxidation ditches, 2 secondary clarifiers, and ultra violet disinfection. The treatment plant has a surface water discharge permit.

HOURS OF OPERATION:

The treatment plant will accept septage from 9:00 am - 3:30 pm Monday – Friday: and weekends and holidays with reservation only. The WWTP operators have the right to deny access for disposal. Plant operators will be contacted prior to arrival.

ORIGIN OF WASTES:

The treatment plant will only accept Domestic Septage. Any industrial wastes will be denied. If the treatment plant receives any unwanted wastes, this act will be punishable by law. Every load of septage will be documented by: address of origin, homeowner's name and phone #, & hauler's information.



This photo is an example of what our treatment plant would be interested in operating. The unit may vary by 1 - 2 ft in diameter. Our future proposed screening unit would be installed directly over an aerated sludge tank. We are hoping to get some bids for the construction of the screen.

* **Sludge Tank (Aerated - digester):** This section of the sludge tank will be used as an equalization tank and a method of aeration before introducing sewage to the oxidation ditch. This tank also has 4 decant valves for draining the tank at a slow flow rate.

Capacity: 0.0556 MGD

Along with this tank, an additional sludge storage tank is available for storage. This could be used if the treatment plant could not treat septage waste at that time.

Capacity: 0.227 MGD

The Organic loading capacity of the treatment plant is 500 – 600 lbs BOD/day. We currently average 100 lbs/day of BOD.

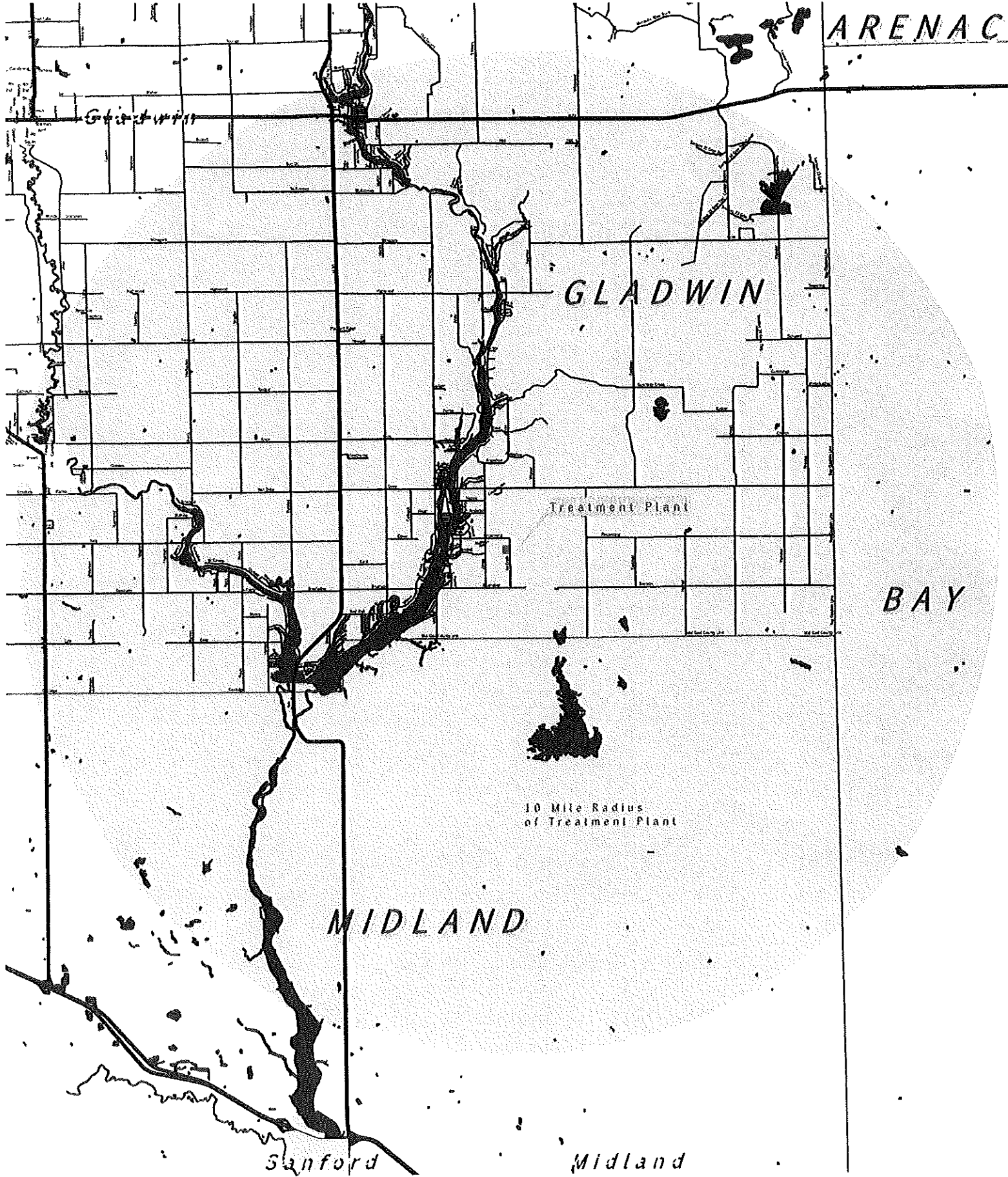
Suspended Solids: The treatment plant capacity for solids loading is 500 lbs S.S. / day. We are currently treating 125 lbs/day/S.S.

WWTP designed to accept a maximum of 0.004 MGD. This calculation was computed in the original plans for the treatment plant. The calculation did not include the holding tanks that are being incorporated in the current Septage Plan.

Form 1

Billings Township

Billings Township Treatment Plant Radius



ARENAC

GLADWIN

BAY

Treatment Plant

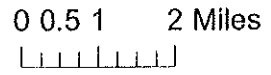
10 Mile Radius
of Treatment Plant

MIDLAND

Sanford

Midland

- Legend
- M Village
 - M State Rds
 - M Cities
 - M Waters



GLADWIN
Gladwin County, Michigan, is a part of the State of Michigan. It is a part of the State of Michigan and is not a part of any other State or Territory. It is a part of the State of Michigan and is not a part of any other State or Territory.

PUBLIC NOTICE
Township of Billings
Operating Plan for Septage Receiving

The Township of Billings will be accepting Domestic Septage Waste at the Waste Water Treatment Plant.

The operating plan includes and describes: location, hours of operation, fee structure, category of wastes accepted, service area map and other conditions applicable to the receipt and acceptance of Domestic Septage Waste.

Copies of the operating plan can be reviewed at the Treatment Plant located at 4622 McGrath Rd Beaverton, MI 48612 between the hours of 8:30 AM - 3:30 PM Monday through Friday. Operators can be contacted by phone at 989-435-9867.

Written comments concerning this plan should be submitted within 30 days of publication of this notice to:

David DeGrand

Plant Manager

4622 McGrath Rd. Beaverton, MI 48612