



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



STEVEN E. CHESTER
DIRECTOR

December 13, 2007

Mr. Steve Hein, Superintendent
Mt. Pleasant Wastewater Treatment Plant
1301 North Franklin Street
Mt. Pleasant, Michigan 48858

Dear Mr. Hein:

SUBJECT: Septage Receiving Facility Operating Plan Approval for Mt Pleasant Wastewater Treatment Plant

Review of the Mt. Pleasant Wastewater Treatment Plant septage waste operating plan by the Department of Environmental Quality (DEQ) is complete. 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 receiving facility must operate in accordance with the approved plan. If a change in operations or conditions is anticipated, please file an amendment to the 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 septic systems in and around your community and those who service them. If you have any questions regarding this matter, please contact me.

Sincerely,

Ebi Burutolu, Soil Scientist
On-Site Wastewater Unit
Drinking Water and Environmental Health Section
Lansing Operations Division
Water Bureau
517-241-4598
517-241-1328 (Fax)
burutole@michigan.gov

eb:ckp

cc: Ms. Michelle Patton, Central Michigan District Health Department
Mr. Jon Bloemker, DEQ



Septage Waste Receiving Facility Checklist

Name of Septage Receiving Facility:
City of Mt. Pleasant WWTP

DEQ Reviewer: Ebi Burutolu
Review Date: 12-07-07

Address of Septage Receiving Facility:
1301 North Franklin Street
Mt. Pleasant, MI 48858

Facility Contact: Steve Hein
Telephone Number: 989-779-5451

The following information must be submitted in the Operation Plan in order to receive DEQ approval:

<u>Requirement</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
1. Location of septage RF.	X		
2. Hours of operation.	X		Mon - Sun 7:30 am - 4:00 pm during normal business hours
3. Categories of septage waste the RF will receive.	X		Domestic Septage only
4. Does the SWRF accept food establishment septage (grease trap waste)? If yes, have they calculated the nutrient loading of this waste and its impact on that allotted to treating septage waste?		X	"Food Establishment Septage is specifically not accepted"
5. *Fee structure charged to hauler.	X		\$0.09/gal or \$90.00/1000 gallons
6. *Service area (septage acceptance) description of RF defined in detail.	X		15 radial miles of WWTP . Will accept septage from other haulers.

Septage Waste Receiving Facility Checklist

Name of Septage Receiving Facility:

<u>Requirement</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
7. Notice of proposed operation plan:			
a) Was it mailed to county HD and legislative body of each city, village and township located in whole or in part of the service area?	X		
b) Was it public noticed in the local newspaper?	X		
c) Was it posted on the facility website?	X		
8. Did the notice contain the following?			
a. Statement that the RF proposed to or is currently receiving and will continue to receive septage waste for treatment.	X		
b. Statement in the notice that the proposed operating plan is available for review during normal work hours.	X		
c. A request for written comments on the proposed operation of the RF and the deadline for receipt of such comments, which shall not be less than 30 days after publication, posting, or mailing of the notice.	X		
d. Receiving facility capacity.			Design flow capacity of 4.14 mgd
I) Hydraulic capacity:	X		5,000 gals/day of septage
II) Organic capacity:	X		7923 lbs/day BOD or additional 271 lbs/day BOD for septage. See OP for details.

*III) Wet weather operation considerations (CSO & SSO)

N/A

Septage Waste Receiving Facility Checklist
Name of Septage Receiving Facility:

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<u>Requirement</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
9. Other conditions established for the RF.			See details in OP

*5. Fee structure - must be justified and reasonable in accordance with standard accounting practices.

*6. This should be both written and illustrated on a map of the area. The service area information should include whether or not there is a county ordinance that also defines what they can or can't accept. It should also include whether or not they accept septage pumped outside of the service area.

*8.d.(III). CSO-Combined Sewer Overflow and SSO-Sanitary Sewer Overflow.

RECEIVED
MICH DEPT OF ENVIRONMENTAL QUALITY
DEC 10 2007
Water Division
Groundwater Section
WELL CONSTRUCTION UNIT

**CITY OF MOUNT PLEASANT WWTP
SEPTAGE RECEIVING OPERATING PLAN**

Location

The City of Mount Pleasant Wastewater Treatment Plant is located at 1301 North Franklin Street in the City of Mount Pleasant, Michigan.

Hours of Operation

Normal Business Operations at the Mount Pleasant WWTP are Monday through Sunday, 7:30 AM to 4:00 PM. Septage will be received during normal business hours only.

Category of Waste Received

The City of Mount Pleasant WWTP will accept Domestic Septage only, from licensed Septage Haulers. Food Establishment Waste is specifically not accepted. Portable Toilet Waste will be reviewed for potential acceptance at a later date.

The WWTP reserves the right to refuse any load or suspend accepting Septage completely if Plant Operations are compromised or other conditions require. Haulers will be notified by telephone if the WWTP is not accepting Septage, and again when normal operations resume.

Fee Structure

Fees for accepting Septage will be based on the cost of treating the Septage, and will be reviewed on an annual basis. Currently the WWTP charges \$.09 per gallon, or \$90 per 1000 gallons.

Septage Service Area

The City of Mount Pleasant WWTP will accept Domestic Septage pumped from any residence with a 15-mile radius of the WWTP. Priority will be given to Haulers with a business address within Isabella County. The WWTP will accept Septage from other Haulers as Plant Capacity allows.

(See attached Map)

WWTP Treatment Capacity

The City of Mount Pleasant WWTP has a Design Flow of 4.14 MGD. In 2006 the WWTP treated an average of 2.738 MGD, or less than 2/3 of Plant Hydraulic Capacity. With current plans to accept no more than 5,000 gallons of Septage per day Hydraulic loading is not a concern.

The most recent Headworks Loading Analysis determined the WWTP can treat 7923 lbs/day CBOD. In 2006 the WWTP received 4483 lbs/day CBOD, or 57% of Organic Capacity. Using current estimates of 6500 mg/L as Septage CBOD the Mount Pleasant WWTP could theoretically treat 63,457 gallons of Septage daily. As stated, current plans limit Septage received to 5,000 gallons per day, or an additional 271 lbs/day of CBOD.

Public Notice

The following Notice was published in the Morning Sun on Dec. 6, 2007, and is available on the City of Mount Pleasant Website- <http://www.mt-pleasant.org/> :

PUBLIC NOTICE
City of Mount Pleasant
Operating Plan for Septage Receiving

The State of Michigan has amended Part 117 of the Septage Waste Servicers, of the Natural Resources and Environmental Protection Act, 1994, P.A. 451, to require the development of an Operating Plan describing the receipt of septage wastes.

The City of Mount Pleasant has received and will continue to receive Domestic Septage Waste.

The operating plan includes and describes: the location, hours of operation, category of waste(s) received, fee structure, service area and other conditions applicable to the receipt and acceptance of Domestic Septage Waste.

Copies of the Operating Plan are available for review at the Department of Public Works office located at 1303 North Franklin Street, Mount Pleasant, Michigan 48858 between 8:00 AM and 4:30 PM Monday through Friday.

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

Duane Ellis
DPW Director
1303 North Franklin Street
Mount Pleasant, Michigan 48858

Notice to Other Public Entities

Copies of the Operating Plan were mailed to the County Health Department, as well as all Townships and Villages within Isabella County.



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Text the word "GMAPS" to 466453



15 Mile Radius

1 views - Public

Created by Jasm0 on Dec 4

Last Updated by Jasm0 14 hours ago

Boundary

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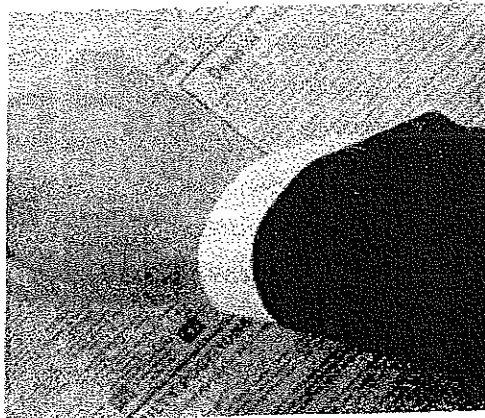
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(989) 779-5401

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Address: http://www.mt-pleasant.org/depts/wastewater/wastewater.htm

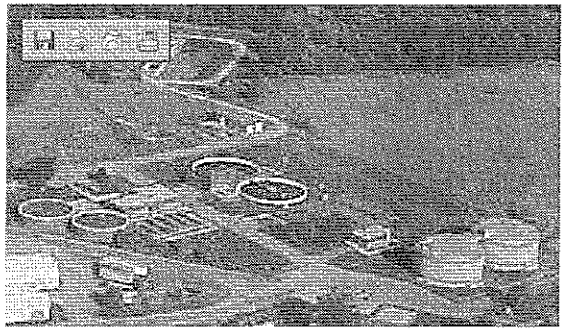
City of Mt. Pleasant


Wastewater Treatment

1301 North Franklin Street, Mt. Pleasant, MI 48859

[Septage Receiving Operating Plan](#)

[Click here for Wastewater Treatment Plant Updates](#)





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