



STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

August 11, 2006

Mr. Joseph Dean, Director
Department of Public Works
City of Mason
P.O. Box 370
Mason, Michigan 48854-0370

Dear Mr. Dean:

SUBJECT: Septage Receiving Facility Operating Plan Approval
City of Mason Wastewater Treatment Plant

Review of the revised city of Mason Wastewater Treatment Plant (WWTP) septage receiving facility (RF) operating plan, submitted to the Department of Environmental Quality (DEQ) and received on July 20, 2006, is complete. The purpose of the review was to ensure that the plan addressed all of the required elements of Part 117, Septage Waste Servicers, Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The city of Mason RF operating plan is approved.

We will post the approved plan on the Septage Program website. It can be viewed by going to the following website; www.michigan.gov/deqseptage and clicking on the "Approved Septage Waste Receiving Facility Operating Plans" link.

The city of Mason RF 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 days prior to the proposed date for implementation.

If you have any questions regarding this matter, please feel to contact me.

Sincerely,

Matthew Campbell
Septage Waste Program Coordinator
On-Site Wastewater Unit
Drinking Water and Environmental Health Section
Lansing Operations Division
Water Bureau
517-335-4178

cc: Mr. Jim Wilson, Ingham County Health Department
Mr. Tim Benton, DEQ

City of Mason

201 W. Ash St.
P.O. Box 370
Mason, MI 48854-0370
www.mason-mi.com



City Hall 517 676-9155
Police 517 676-2458
Fax 517 676-1330
TDD 1-800-649-3777

July 18, 2006

Mr. Mathew Campbell
Septage Waste Program Coordinator
On-Site Wastewater Unit
Drinking Water and Environmental Health Section
MDEQ-Water Bureau
525 West Allegan Street
P.O. Box 30273
Lansing, MI 48909-7773

RECEIVED
MICH DEPT OF ENVIRONMENTAL QUALITY
JUL 20 2006
Water Division
Groundwater Section
WELL CONSTRUCTION UNIT

Dear Mr. Campbell:

Subject: Septage Receiving Facility Operating Plan
City of Mason P.O.T.W. Plant

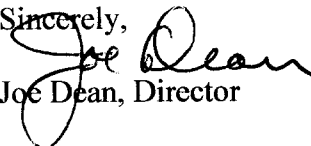
Thank you for your assistance and patience on the revised plan. We believe that we have incorporated all of your recommendations in the June 9, 2006 letter.

Enclosed is the affidavit of publication of the public notice on April 2, 2006. I apologize for the earlier incorrect document. At the time, the notice was also on the City's web site.

A copy of the plan with a cover letter, will be sent to Jim Wilson's attention at the Ingham County Health Department.

Again, thank you for your help. If there are any questions, I may be reached at 517-676-1166 ext. 203.

Sincerely,


Joe Dean, Director

**FACILITY OPERATING PLAN
FOR
RECEIVING DOMESTIC SEPTAGE**

CITY OF MASON

July 2006

City of Mason
Mason Publicly Owned Treatment Works Plant

Domestic Septage Receiving Facility Operating Plan

Revised July 2006

The City of Mason, Michigan owns and operates a Publicly Owned Treatment Works (POTW) Plant and sanitary sewage system that receives wastewater from domestic, commercial and industrial sources within its jurisdictional boundaries. The City also permits the discharge of septage from residential recreational vehicles and one (1) local portable toilet business, Supreme Rental, 969 Eden Road, Mason, Michigan 48854.

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. This plan is submitted in response to this requirement.

1.0 Septage Receiving Facility

The Mason POTW Plant is a conventional activated sludge wastewater treatment plant using fine bubble aeration and tertiary treatment. The plant is designed to treat 1.5 MGD average flow and 2400 lbs/day of BOD₅. It is regulated under NPDES permit MI0020435. Biosolids generated are treated by means of anaerobic digestion and the resulting residuals are land applied per the Residuals Management Plan approved by the Michigan Department of Environmental Quality (MDEQ).

During the calendar year of 2005, the Mason POTW Plant received 135,700 gallons of domestic portable toilet waste and an estimated 10,000 gallons of RV domestic waste. The combined annual volume would equate to approximately 22 pounds of BOD per day, assuming a concentration of 6,500 mg/l. The Mason POTW treated about 1600 pounds of BOD per day in 2005; two-thirds of its designed capacity. Therefore, the facility has the ability to adequately treat this volume of domestic septage.

Information regarding the Receiving Facility (i.e. Mason POTW Plant) is as follows:

- Location: 345 North Jefferson Street, Mason, Michigan
- Telephone: 517-676-1166
- Hours of Operation:
 - 7:00 a.m. – 3:00 p.m., Monday-Friday
 - Closed Saturdays, Sundays and City Holidays

- Category of Septage Waste Accepted: Domestic Septage

2.0 Fee Structure

- Residential R.V.s: No charge.
- Supreme Rental: Disposal fees are per current user rates for sewage as approved annually by City Council.

3.0 Septage Receiving Area

The City of Mason will accept domestic RV septage from residents that live within 15 radial miles of the facility.

The design of the Mason POTW Plant limits acceptance of portable toilet waste from Supreme Rental. Supreme Rental is regulated by a letter of agreement dated July 18, 1994; and reviewed annually.

4.0 Other Conditions for Receiving Septage Waste

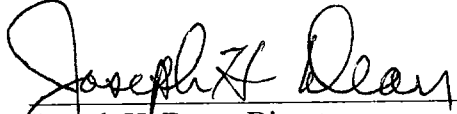
- The City permits only local residential R.V.s, and Supreme Rental, a portable toilet business, to discharge domestic septage at the facility. Non-potable water is available and provided to clean the area after discharge.
- Supreme Rental is authorized to discharge as per the following conditions:
 - Per a letter of agreement dated July 18, 1994.
 - Only portable toilet waste from domestic sources; non-domestic waste is prohibited.
 - Deodorizer and sanitizing chemicals must receive prior approval from the City of Mason.
 - The driver of the truck shall record his name, date, time and volume at the POTW office each time.
 - Authorization to discharge may be revoked for failure to meet any of the conditions.
- Septage from conventional onsite septic disposal systems (i.e. OSSDS, or septic tanks) is prohibited.
- The City of Mason reserves the right to:
 - Observe loading, hauling, and unloading of vehicles.
 - Obtain representative samples of vehicles' contents at unloading sites.
 - Obtain information from the vehicle operator at unloading site as to origin and quantity of material in the vehicle.

- Suspend permission to unload the vehicle at the specific receiving site in the facility.

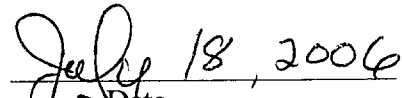
This Operating Plan has been developed by the City of Mason in accordance with the requirements of Part 117, as amended, and MDEQ guidance dated June 9, 2005.

Questions concerning this plan should be directed to the Mason POTW Plant Superintendent at 517-676-1166 ext. 202.

Approved By:



Joseph H. Dean, Director
Department of Public Works



Date

PUBLIC NOTICE

The City of Mason Publicly Owned Treatment Works Plant (POTW), 345 N. Jefferson St., Mason, Michigan receives portable toilet waste from RVs and Supreme Rental. Part 117 of the Natural Resources and Environmental Protection Act requires an Operating Plan for receiving such wastes. A copy of the proposed plan may be viewed at City Hall, 201 W. Ash Street, Mason, Michigan. Written comments may be submitted to the Mason POTW Plant through May 5, 2006. If there are any questions, please contact Jim King, Plant Supt., 676-1166 ext. 202.

MARTIN A. COLBURN
CITY CLERK

ICCN-9706-2

4/2/06

AFFIDAVIT OF PUBLICATION
COMMUNITY NEWSPAPERS, INC.
239 S. Cochran Ave.
Charlotte, MI 48813
State of Michigan, County of Eaton

IN THE MATTER OF: NOTICE

CITY OF MASON

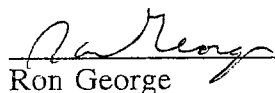
Ron George, Controller

Being duly sworn, says that he/she is authorized by the publisher of Community Newspapers, Inc., to swear that a certain notice, a copy of which is annexed here to, was published in the following publication:

1. Published in the English language for the dissemination of general and/or legal news, and
2. Has a bonfide list of paying customers or has been published at least once a week in the same community without interruption for at least 2 years, and
3. Has been established, published and circulated at least once a week without interruption for at least one (1) year in the community where the publication is to occur.

INGHAM COUNTY COMMUNITY NEWS

4/2/06

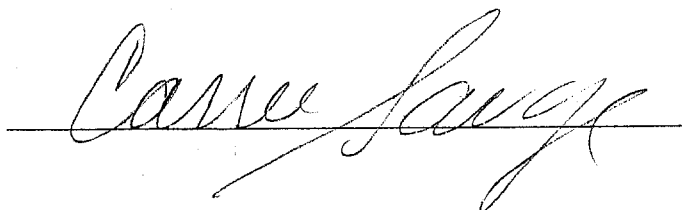

Ron George

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2ND

DAY OF APRIL, 2006

CARRIE A. SAVAGE
NOTARY PUBLIC, STATE OF MICHIGAN, COUNTY OF EATON
MY COMMISSION EXPIRES: SEPTEMBER 4, 2007
ACTING IN THE COUNTY OF EATON

ICCN-9706



DEQ Septage Receiving Facility Checklist

Name of Septage Receiving Facility:
City of Mason WWTP

DEQ Reviewer: Matt Campbell

Review Date: August 11, 2006

Revised op. plan rec'd July 20, 2006

Address of Septage Receiving Facility:
**345 North Jefferson Street
Mason, MI48854**



Facility Contact: Jim King, Plant Superintendent
Telephone Number: 517-676-1166 ext. 202

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		See above.
2. Hours of operation.	X		7 a.m. - 3:00 p.m., M - F. Closed Saturday, Sunday and City Holidays.
3. Categories of septage waste the RF will receive.	X		Domestic septage only.
4. If food establishment septage is accepted, how is the RF ensuring that the FES meets the 1:3 ratio mandated by law? (Not OP req't.)			FES is not accepted at this plant.
5. Fee structure charged to hauler.	X		No charge for residential R.V.'s and the portable toilet business is charged current user rates for sewage as approved by City Council.
6. *Service area (septage acceptance) description of RF defined in detail.	X		No service area. Local residential RV owners and 1 licensed septage business under contract with the City may use the RF.

Septage Receiving Facility Checklist
 Name of Septage Receiving Facility: **Mason WWTP**

<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		Not necessary as there is no defined service area for septage firms. They will accept septage from resident's R.V.s that live within 15 radial miles of the facility.
b) Was it public noticed in the local newspaper?	X		Published Sunday, April 2, 2006, in the Ingham Cnty. Comm. News.
c) Was it posted on the facility website?	X		I downloaded and printed the notice off today.
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		
9. Receiving facility capacity.			
I) Hydraulic capacity:	X		Average of 1.5 MGD flow.
II) Organic capacity:	X		Average of 2,400 lbs. BOD5/day.

Septage Receiving Facility Checklist

Name of Septage Receiving Facility: **Mason WWTP**

<u>Requirement</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
9. Receiving facility capacity. *III) Wet weather operation considerations (CSO & SSO)		X	Not a requirement of Part 117.
10. Other conditions established for the RF.	X		See operating plan for details.