



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



STEVEN E. CHESTER
DIRECTOR

September 6, 2006

Mr. James S. Caldwell, P.E.
Utilities Director
City of Adrian Wastewater Treatment Plant
100 East Church Street
Adrian, Michigan 49858

Dear Mr. Caldwell:

SUBJECT: Septage Receiving Facility Operating Plan Review
City of Adrian Wastewater Treatment Plant
Septage Receiving Facility

Review of the Adrian 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,

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

mcc:ckp

cc: Mr. Paul Nelson, Lenawee County Health Department
Mr. Jon Russell, DEQ



100 E. Church St. • Adrian, Michigan 49221-2773

Utilities Department

(517) 264-4821 • Fax (517) 265-8133

August 15, 2006

RECEIVED
MICH DEPT OF ENVIRONMENTAL QUALITY

AUG 24 2006

Water Division
Groundwater Section
WELL CONSTRUCTION UNIT

Michigan Department of Environmental Quality
Mr. Matthew Campbell
P O Box 30273
Lansing, MI 48909-7773

Subject: Response to August 14, 2006 E-Mail

Dear Mr. Campbell,

I have reviewed your e-mail from August 14, 2006 and subsequently revised our calculation sheet for Flow and Treatment Capability. A revised copy is attached.

Respectfully,

A handwritten signature in cursive script that reads 'James S. Caldwell'.

James S. Caldwell, P.E.
Utilities Director

C: Ken Wesley, WWTP Superintendent

JSC/djt

**CITY OF ADRIAN WASTEWATER TREATMENT PLANT
FLOW AND TREATMENT CAPABILITY
FOR PORTABLE TOILET WASTE**

The City of Adrian Wastewater Treatment Plant has a rated capacity of 7.0 mgd. A review of operating data indicates that plant flow average 5.08 mgd with a 180 mg/l BOD loading or 7,520 lb.

A review of portable toilet waste indicates receipt of 117,500 gallons per year. Using a maximum to average rates of 3, the maximum day receipt is 925 gallons per day. Using 10,000 mg/l BOD concentration, the daily loading of BOD is approximately 77 lb. per day maximum.

Compared to the current overall plant BOD loading and considering the nearly 2.0 mgd of unused plant capacity, the Portable Toilet waste impact on the plant is considered at a fws ration of no significant impact.



Utilities Department

100 E. Church St. • Adrian, Michigan 49221-2773

(517) 264-4821 • Fax (517) 265-8133

June 9, 2006

RECEIVED
MICH. DEPT. OF ENVIRONMENTAL QUALITY

JUN 14 2006

Michigan Department of Environmental Quality
Mr. Matthew Campbell
P O Box 30273
Lansing, MI 48909-7773

Water Division
Groundwater Section
WELL CONSTRUCTION UNIT


Subject: Septage Receiving Facility Operating Plan - WWTP

Dear Mr. Campbell,

We received your June 6, 2006 letter with review comments on our Operating Plan submitted on March 30, 2006. As requested, the following is provided:

1. The Operating Plan has been revised to provide the street address of the WWTP (1001 Oakwood Road).
2. A Service Area map is attached.
3. A copy of the Public Notice is attached.
4. Copies of the Public Notice mailed to the Health Department, Adrian Charter Township and Madison Charter Township is attached.
5. A discussion "City of Adrian WWTP Flow and Treatment Capability for Portable Toilet Waste" is attached.

Respectfully,


James S. Caldwell, P.E.
Utilities Director

C: Ken Wesley, WWTP Superintendent

JSC/djt

PUBLIC NOTICE
City of Adrian Utilities Department
Operating Plan for Portable Toilet

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 (Plan”) describing the receipt of septage wastes.

The City of Adrian has received and will continue to receive portable toilet waste.

The operating plan includes and describes: the location, hours of operation, limit acceptance of portable toilet waste, fee structure, service area, and other conditions applicable to the receipt and acceptance of portable toilet waste.

Copies of the Operating Plan are available for review at the Utilities office located at 100 East Church Street, Adrian, Michigan 49221, between 8:00 a.m. and 4:30 p.m.; Monday through Friday.

Written comments concerning this plan should be submitted by March 31, 2006 to the attention of

James S. Caldwell, P.E.
Utilities Director
100 East Church Street
Adrian, MI 49221

For additional information, please call James Caldwell at 517-264-4825.

CITY OF ADRIAN UTILITIES DEPARTMENT
Domestic Receiving Facility Operating Plan

The City of Adrian owns and operates a Wastewater Treatment Plant and regional sewage system that receives wastewater from domestic, commercial and industrial sources, as well as portable toilet wastewater accepted at the Treatment Plant. The receipt of portable toilet wastes is made by truck.

The State of Michigan has amended Part 117 of the Septage Waste Servicers, of the Natural Resources and Environmental Act, 1994 P.A. 451, to require the development of an Operating Plan ("Plan") describing the receipt of septage wastes. This plan is submitted in response to this requirement.

1) Adrian Service Area and Wastewater Treatment Capabilities

The Adrian Wastewater Treatment Plant is located at 1001 Oakwood Road in Adrian, Michigan, and provides wastewater treatment services to the Adrian area. The Adrian Service Area includes the City of Adrian and portions of Adrian Charter Township and Madison Charter Township.

The Adrian Wastewater Treatment Plant is regulated under NPDES Permit MI0022152 and is authorized to process a maximum flow rate of 6 MGD through treatment.

2) Portable Toilet Waste

The portable toilet receiving facility designated within the Adrian Service Area for receipt of portable toilet is located at the Adrian Wastewater Treatment Plant. No other septage type of waste including recreational vehicle waste is accepted.

3) Service Area of Portable Toilet

The City of Adrian restricts discharge to these portable toilets from Lenawee County.

4) Other Conditions for Receiving Portable Toilet Waste

The following additional conditions have been established for the receipt of portable toilet wastes.

- a. All trucks must be licensed through the Michigan Department of Environmental Quality (MDEQ) as a pre-condition of applying for permission to discharge.
- b. A truck shall be equipped to connect to the City receiving facility.
- c. Each company applies for permit to discharge.
- d. Loads of discharge is limited to 650 gallons.
- e. The City may withhold discharge at any time should plant conditions warrant.
- f. Discharge is limited to the hours of 7:00 a.m. to 3:00 p.m., Monday thru Friday, except holidays.

5) Fee Structure Charged to the Hauler to Dispose of Septage for Treatment

The disposal fee is currently \$35.00 per thousand gallons.

PUBLIC NOTICE
City of Adrian Utilities Department
Operating Plan for Portable Toilet

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 (“Plan”) describing the receipt of septage wastes.

The City of Adrian has received and will continue to receive portable toilet waste.

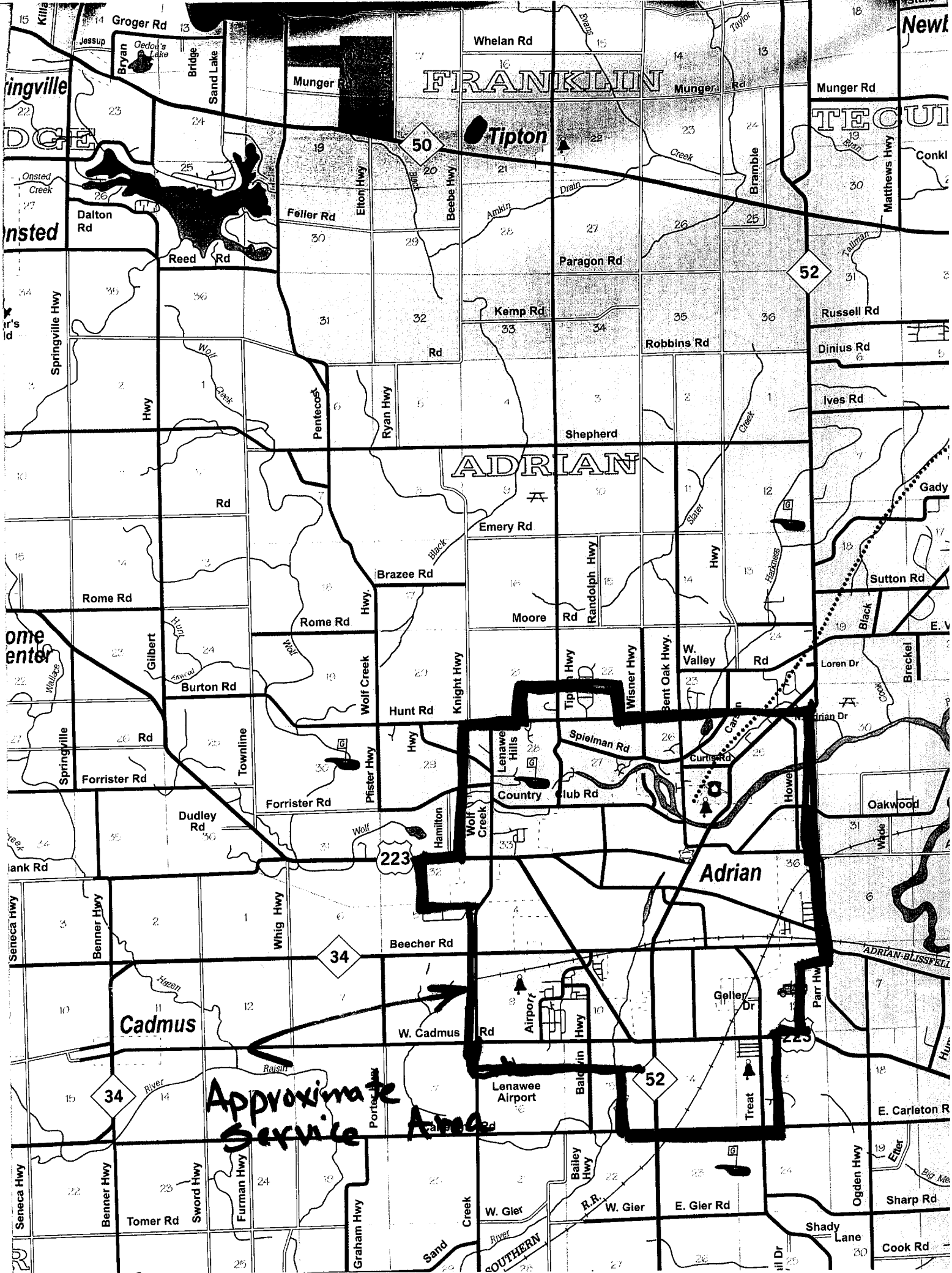
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Written comments concerning this plan should be submitted by _____ to the attention of

James S. Caldwell, P.E.
Utilities Director
100 East Church Street
Adrian, MI 49221

For additional information, please call James Caldwell at 517-264-4825.



Approximate Service Area

FRANKLIN

ADRIAN

Cadmus

Adrian

Lenawee Airport

SOUTHERN

Newk

TECUMSEH

Springville

Onsted

Home Center

E. Carleton R

Sharp Rd

Cook Rd

Killa

Groger Rd

Whelan Rd

Munger Rd

Matthews Hwy

Russell Rd

Dinius Rd

Ives Rd

Gady

Sutton Rd

Loren Dr

Breckel

Oakwood

Wade

ADRIAN-BLISSFELT

Par Hwy

E. Carleton R

Ogden Hwy

Shady Lane

Sharp Rd

Cook Rd

Jessup

Bryan

Geddes Lake

Bridge

Sand Lake

Dalton Rd

Reed Rd

Springville Hwy

Hwy

Rd

Rome Rd

Gilbert

Burton Rd

Forrister Rd

Dudley Rd

Seneca Hwy

Benner Hwy

Whig Hwy

Beecher Rd

W. Cadmus Rd

Airport

Lenawee Airport

Baldwin Hwy

W. Gier

E. Gier Rd

Graham Hwy

Tomer Rd

Sword Hwy

Furman Hwy

W. Gier

E. Gier Rd

Ogden Hwy

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Sharp Rd

Cook Rd

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100 E. Church St. • Adrian, Michigan 49221-2773

Utilities Department

(517) 264-4821 • Fax (517) 265-8133

March 30, 2006

Madison Charter Township
Mr. Ted Dusseau, Supervisor
4008 S Adrian Hwy.
Adrian, MI 49221

Subject: City of Adrian Operating Plan for Receipt of Portable Toilet Waste

Dear Mr. Dusseau,

The City of Adrian receives portable toilet waste at its Wastewater Treatment Plant. Michigan Department of Environmental Quality has notified us that an Operating Plan needs to be developed. In addition, we are required to provide you with a copy. Please find attached a copy of our Operating Plan for your review and comment.

Sincerely,

A handwritten signature in black ink that reads 'J S Caldwell'. The signature is written in a cursive style with a large, looped 'J' and 'S'.

James S. Caldwell, P.E.
Utilities Director

JSC/djt



100 E. Church St. • Adrian, Michigan 49221-2773

Utilities Department

(517) 264-4821 • Fax (517) 265-8133

March 30, 2006

Adrian Charter Township
Mr. Jim Koehn, Supervisor
2907 Tipton Hwy.
Adrian, MI 49221

Subject: City of Adrian Operating Plan for Receipt of Portable Toilet Waste

Dear Mr. Koehn,

The City of Adrian receives portable toilet waste at its Wastewater Treatment Plant. Michigan Department of Environmental Quality has notified us that an Operating Plan needs to be developed. In addition, we are required to provide you with a copy. Please find attached a copy of our Operating Plan for your review and comment.

Sincerely,

A handwritten signature in black ink, appearing to read 'J S Caldwell', is written over the typed name.

James S. Caldwell, P.E.
Utilities Director

JSC/djt



100 E. Church St. • Adrian, Michigan 49221-2773

Utilities Department

(517) 264-4821 • Fax (517) 265-8133

March 30, 2006

Lenawee Health Department
Mr. Paul Nelson
1040 South Winter Street
Adrian, MI 49221

Subject: City of Adrian Operating Plan for Receipt of Portable Toilet Waste

Dear Mr. Nelson,

The City of Adrian receives portable toilet waste at its Wastewater Treatment Plant. Michigan Department of Environmental Quality has notified us that an Operating Plan needs to be developed. In addition, we are required to provide you with a copy. Please find attached a copy of our Operating Plan for your review and comment.

Sincerely,

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James S. Caldwell, P.E.
Utilities Director

JSC/djt

AFFIDAVITS OF PUBLICATION

PUBLIC NOTICE
 City of Adrian Utilities Department Operating Plan for Portable Toilet.
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 The City of Adrian has received and will continue to receive portable toilet waste.
 The operating plan includes and describes: the location, hours of operation, limit acceptance of portable toilet waste, fee structure, service area, and other conditions applicable to the receipt and acceptance of portable toilet waste.
 Copies of the Operating Plan are available for review at the Utilities office located at 100 East Church Street, Adrian, Michigan 48221, between 8:00 a.m. and 4:30 p.m., Monday through Friday.
 Written comments concerning this plan should be submitted by March 31, 2008 to the attention of James S. Caldwell, P.E., Utilities Director, 100 East Church Street, Adrian, MI 48221.
 For additional information, please call James Caldwell at 517-254-4825.
 J.T. March 20

STATE OF MICHIGAN
 County of Lenawee
 City of Adrian

VICKI L. SENTLE being first duly sworn, says that she is the PRINCIPAL CLERK of The Daily Telegram a newspaper published in the English language for the dissemination of local or transmitted news and intelligence of a general character, which is a duly qualified newspaper, and that annexed here to is a copy of a certain order taken from said newspaper, in which the order was published on the March 20 day of 2008

Paid _____ Amount Due \$28.79

Subscribed and sworn to before me this day of June 8 2008

V. Sentle

Sheri L. Myers

Sheri L. Myers
 Notary Public, Lenawee County, Michigan
 My Commission Expires June 17, 2010

**CITY OF ADRIAN WWTP
FLOW AND TREATMENT CAPABILITY
FOR PORTABLE TOILET WASTE**

The City of Adrian Waste Water Treatment Plant has a rated capacity of 7.0 mgd. A review of operating data indicates that plant flow average 5.08 mgd with a 180 mg/l BOD loading or 7,520 16 per day of BOD.

A review of Portable Toilet Waste indicates receipt of 117,500 gallons per year. Using a maximum to average rates of 3, the maximum day receipt is 925 gallons per day. Using 6500 mg/l BOD concentration, the daily loading of BOD is approximately 615 per day maximum.

Compared to the current overall plant BOD loading and considering the nearly 2.0 mgd of unused plant capacity, the Portable Toilet Waste impact on the plant is considered at an fws ration of no significant impact.

.....

Septage Receiving Facility Checklist

Name of Septage Receiving Facility:
City of Adrian WWTP

DEQ Reviewer: MCC
 Review Date: 8/14/06
 Updated on 9/7/06



Address of Septage Receiving Facility:
1001 Oakwood Road
Adrian, MI 49221

Facility Contact: Mr. James S. Caldwell, P.E., Utilities Director
 Telephone Number: (517) 264-4821

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 | | 7 a.m. - 3 p.m., M - F except holidays. |
| 3. Categories of septage waste the RF will receive. | X | | Portable toilet waste 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. |
| 5. Fee structure charged to hauler. | X | | \$35.00 per 1,000 gallons. |
| 6. Service area (septage acceptance) description of RF defined in detail. | X | | See map provided. Service area includes the City of Adrian and portions of Adrian Charter and Madison Charter Townships. |
| 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 | | Notice sent to Madison and Adrian Charter Twps. and Lenawee County Health Dept. |

Septage Receiving Facility Checklist

Name of Septage Receiving Facility: **City of Adrian WWTP**

| <u>Requirement</u> | <u>Yes</u> | <u>No</u> | <u>Comments</u> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|----------------------------------------------------------------------------------------------------------------|
| 8. Notice of proposed op. plan: | | | |
| b) Was it public noticed in the local newspaper? | X | | Published March 2, 2006, in the Adrian Daily Telegram. |
| c) Was it posted on the facility website? | | X | The City of Adrian maintains a website but they do not have a link for the Adrian WWTP. |
| 9. 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. | | | |
| I) Hydraulic capacity: | X | | 7.0 mgd. Accepting up 925 gpd of portable toilet waste only. |
| II) Organic capacity: | X | | Plant treats on average 7,520 lbs. of BOD5 per day. The portable toilet waste represents 77 lbs. BOD5 per day. |
| III) Wet weather operation considerations (CSO & SSO) | | X | |

Septage Receiving Facility Checklist

Name of Septage Receiving Facility: **City of Adrian WWTP**

| <u>Requirement</u> | <u>Yes</u> | <u>No</u> | <u>Comments</u> |
|----------------------------------------------|------------|-----------|---------------------------------|
| 10. Other conditions established for the RF. | X | | See operating plan for details. |