STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

September 8, 2008

Mr. Brian Baldwin, Assistant Superintendent
Saginaw Wastewater Treatment Plant
2406 Veterans Memorial Parkway (M13)
Saginaw, Michigan 48601

Dear Mr. Baldwin:

The Department of Environmental Quality (DEQ), Water Bureau, Drinking Water and Environmental Health Section, On-Site Wastewater Unit's, review of the Saginaw Wastewater Treatment Plant Septage Receiving Facility operating plan is complete. The plan 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. Therefore, the operating plan is approved.

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

Sincerely,

James Lahti
Drinking Water and Environmental Health Section
Lansing Operations Division
Water Bureau
517-241-1392

JWL:ckp

cc: Mr. Bryant Wilke, Saginaw County Department of Public Health
Mr. Jon Bloemker, DEQ

CITY OF
SAGINAW

August 21, 2008

Matt Campbell
Septage Waste Program Coordinator
Water Bureau / MDEQ
Constitution Hall, Second Floor- North
P.O. Box 30273
Lansing, MI 48909-7773

RECEIVED
MICH DEPT OF ENVIRONMENTAL QUALITY
AUG 28 2008
WATER BUREAU
DWEHS

Dear Mr. Campbell,

Enclosed please find the following:

- ✓ A copy of the Septage Receiving Plan for the City of Saginaw.
- ✓ A copy of the notification sent to neighboring communities and health departments along with a list of those agencies.
- ✓ A copy of the notification placed in the Saginaw News.

As of now we have received no public comment on our plan. We will notify you if we do.

Thank-you for your help and patience with us, in the development of this plan.

Sincerely yours,

Brian Baldwin / Assistant Superintendent
City of Saginaw WWTP

MICHIGAN

Saginaw

Septage Receiving Plan

RECEIVED
MICH DEPT OF ENVIRONMENTAL QUALITY

AUG 28 2008

WATER BUREAU
DWEHS

February 14, 2008

Introduction – Part 117, Septage Waste Servicers, of the Natural Resources and Environmental Protection Act, 1994 PA 451, regulates the pumping, disposal, and land application of septage. To comply with Part 117, Septage Waste Servicers, of the Natural Resources and Environmental Protection Act 1994 PA 451, a Receiving Facility must develop and Operating Plan for Septage Receiving. A Wastewater Treatment Plant (WWTP) that accepts domestic septage is now defined as a "receiving facility."

The City of Saginaw - Wastewater Treatment Plant (WWTP) is currently a receiving facility and will continue to be a receiving facility. The WWTP has developed and adopted this Operating Plan for Septage Receiving.

WWTP Location – 2406 Veterans Memorial Pkwy (M13) Saginaw, MI 48601.

Domestic Septage, as defined below is the category of septage that the WWTP will accept for treatment.

Domestic Septage – The septage pumped from home septic tanks, recreation vehicles (RV), portable toilets, or type III marine sanitation devices.

Service Area – Any Licensed hauler whose business address is within the boundaries of Saginaw County, the communities of Lagoon Beach, Auburn, Bay City, Quanicassee, University Center, Freeland, Munger, Lawndale, Dice, Indiantown, Reese, Carrollton, Shattuckville, Shields, Blumfield Corners, Denmark Junction, Gera, Frankentrost, Paines, Swan Creek, Bridgeport, Frankenmuth, Fosters, Clausedale, Garfield, Taymouth, or within a 15 mile radius of the WWTP. The Saginaw WWTP will accept septic haulers from outside the 15 mile radius provided they are licensed with the MDEQ and have registered and purchased discharge tickets from The City of Saginaw City Hall.

Hours of Operation – Delivery of all septic waste at the WWTP shall occur Monday – Friday between 7:00 a.m. – 11:20, and 12:00 – 3:00 p.m. (No septic deliveries on Holidays.) Drivers bringing loads before or after these hours will be turned away.

Hydraulic Restrictions – The WWTP will not accept loads over 4,000 gallons, when plant flows exceed 50 MGD (snow melt or rain event), or more than 60,000 gallons of septage/day Monday – Friday. The running total of gallons discharged at the WWTP for the day is recorded by the Stockroom Clerk. If the 60,000 gallons are received in a day, no additional septage will be accepted unless authorized by the Superintendent, Assistant Superintendent, or Maintenance Supervisor.

Organic Restrictions – The WWTP will exact an organic load surcharge on any septage in excess of the limits stated in the **organic load limits** section. The surcharge shall be 14¢/lb. of BOD_5. 12¢/lb. of Total Suspended Solids, $1.02/lb. of Total Phosphorus and 41¢/lb. of NH_3-N.

Odor Control – The WWTP is in a secluded area remote from residential, commercial and industrial sites, therefore will not install any odor control system.

Fee Structure, Rate System – The WWTP has no metering device at the receiving location. A septage hauling vehicle will be assumed full to capacity. The charge for septage discharged is based on truck capacity. The fee structure is subject to change, known users will be notified thirty day in advance of any rate change.

Truck Capacity	**0 – 300 gallons**	**$9.00**
	301 – 750 gallons	**$15.00**
	751 – 1200 gallons	**$20.00**
	1201 – 1650 gallons	**$25.00**
	1651-2100 gallons	**$30.00**
	2101-2500 gallons	**$35.00**
	2501-4000 gallons	**$39.00**

Prepayment – All permitted Septage Haulers will have an account established at the City of Saginaw – Clerk's Office. Permitted Septage Haulers will purchase discharge tickets from the Treasurers Office. The Septic Hauler will provide all relevant business information and will update information upon request.

Acceptance Procedure – The City utilizes a formal application and permitting process to authorize a Septage Hauling Company to discharge waste at the WWTP. Septage Haulers with a current Septage License from the Michigan Department of Environmental Quality (MDEQ) are eligible to complete an application for a Saginaw Septage Permit. If all credentials are acceptable a Saginaw Septage Permit will be generated. The Septage Hauler will be scheduled for an orientation at the WWTP Administration Bldg. The Septage Receiving Plan will be made available to all septage haulers.

Unloading Procedure – The licensed Septage Hauler arrives at the WWTP and checks-in at the Shipping & Receiving Office. The Stockroom Clerk oversees the driver's entry of information onto the Septage Hauler Record Form, whereby the date, time of arrival, truck ID number, gallons to discharge, are recorded. Failure by driver to accurately and completely fill out Septage Hauler Record Form may result in loss of unloading privileges.

The driver obtains an empty sample bottle from the stockroom clerk, labels bottle with name, date, and time, then proceeds to septage unloading area. City personnel may perform an audit, which involves inspecting the septage load during delivery for verification of volume and content of discharge. Verification of Truck Indentification Number and Drivers Signature may be required. Discrepancies from volume or any other information provided on Septage Hauler Record Form may result in loss of discharge privileges and or monetary penalties, in accordance with the Sewer Use Ordinance. The driver will unload at septage unloading area. A representative sample is obtained from load approximately halfway through discharge. After completion of discharge, driver hoses off the back of the truck and receiving area as necessary to reduce unsanitary conditions. A full, properly labeled sample bottle is taken to the WWTP laboratory for analysis.

Duty to Comply – The permittee must comply with all conditions of the City of Saginaws permit. Failure to comply with the requirements of this permit may be grounds for loss of discharge privileges, administrative action, enforcement proceedings including civil or criminal penalties, injunctive relief, and summary abatements.

Duty to Mitigate – The permittee shall take all reasonable steps to minimize or correct any adverse impact to the treatment plant or the environment resulting from noncompliance with this permit, or any other federal, state, local laws, ordinances, or standards.

Permit Modification and Termination – This permit may be modified or terminated for good cause as determined by the WWTP Superintendent. This modification or termination is final and not subject to appeal.

Property Rights – The issuance of this permit does not convey property rights of any sort, any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any violation of federal, state, or local regulations.

Limitation of Permit Transfer – Permits may be reassigned or transferred to a new owner and/or operator with prior approval of the Saginaw WWTP Superintendent.

a. The permittee must give at least a 30 day advance notice to the Superintendent
b. The notice must include a written certification by the new owner which:
    i. States that the new owner has no intent to change the facility's operation or discharge
    ii. Identifies the specific date on which the transfer is to occur
    iii. Acknowledges full responsibility for complying with the existing permit.

Duty to Reapply – If the permittee whishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must submit an application for a new permit at least 90 days before the expiration.

Compliance with Applicable Pretreatment Standards and Requirements – Compliance with this permit does not relieve the permittee from its obligations regarding compliance with any and all applicable federal, state, and local pretreatment standards and requirements including any such standards or requirements that may become effective during the term of this permit.

Inspection and Entry – The permittee shall allow the WWTP personel, or an authorized representative, upon the presentation of credential to

a. Enter upon the permittee's premises where a regulated activity is located or conducted, or where records must be kept under the conditions of this permit;
b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
c. Inspect at reasonable times any facilities, equipment, including monitoring and control equipment, practices, or operations regulated or required under this permit;
d. Sample or monitor, for the purpose of assuring permit compliance, any substances or parameters at any location; and

Falsifying Information – Knowingly making any false statement on any report or other document required by this permit or providing a non-representative sample, is a crime and may result in the loss of discharge privileges, imposition of criminal sanctions and/or civil penalties.

Planned Changes – The permittee shall give 30 days notice to the WWTP of any truck modifications, truck volumes, or truck fleet changes which result in new or substantially increased discharges, or if there is a change in the nature of the discharge. The permittee shall give advance notice to the WWTP of any planned changes that may result in noncompliance with permit requirements.

Duty to Provide Information – The permittee shall furnish the WWTP within 10 days any information which the City may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also, upon request, furnish to the City within 10 days copies of any records required to be kept.

Signature Requirements – All applications, reports, or information submitted to the City must contain the following certification statement and be signed by the owner(s) of the septic hauling company.

> *"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."*

Civil and Criminal Liability – The Sewer Use Ordinance provides that any person who violates a permit condition may be subject to civil penalties. The permittee may also be subject to sanctions under federal and/or state law.

Recovery of Costs Incurred – In addition to civil and criminal liability, the permittee violating any of the provisions of this permit or Sewer Use Ordinance or causing damage to or otherwise inhibiting the WWTP shall be liable for any expense, loss, or damage caused by such violation or discharge. The city shall bill the permittee for the costs incurred for any cleaning, repairing, or replacement work caused by the violation or discharge. Refusal to pay the assessed costs shall constitute a separate violation of the Sewer Use Ordinance, and immediate revocation of discharge privileges at the Saginaw WWTP.

Prohibited Discharge Standards

A. General Prohibitions. No user shall introduce or cause to be introduced into the Publicly owned treatment works (POTW) any pollutant or wastewater which causes pass through, interference, the City to violate its National Pollution Discharge Elimination System (NPDES) permit, or its biosolids management program. These general prohibitions apply to all users of the POTW whether or not they are subject to categorical pretreatment standards or any other federal, state or local pretreatment standards or requirements.

B. Specific Prohibitions. No user shall introduce or cause to be introduced into the POTW the following pollutants, substances or wastewater:

1. Pollutants which create a fire or explosion hazard in the POTW, including but not limited to, waste streams with a closed cup flash point of less than 140 degrees fahrenheit or 60 degrees centigrade using the test methods specified in 40 CFR 261.21.
2. Wastewater having a pH less than 6.0, or more than 10.5 or otherwise causing corrosive structural damage to the POTW or equipment. The City may enforce a maximum pH of 9.0 for individual users if the Director determines that a discharge with a higher pH may be detrimental to the POTW.
3. Solid or viscous substances in amounts or of such size which will cause obstruction of the flow in POTW or resulting in interference including any substance detrimental to or determined by the Director to be detrimental to the POTW.
4. Pollutants, including oxygen-demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which, either singly or by interaction with other pollutants, will cause interference with the POTW;
5. Wastewater having a temperature greater than 120 degrees fahrenheit, or which will inhibit biological activity in the treatment plant resulting in interference, but in no case wastewater which causes the temperature at the head of a treatment plant to exceed 104 degrees fahrenheit or 40 degrees centigrade;

6. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin, in amounts that will cause interference or pass through;
7. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems;
8. Trucked or hauled pollutants, except at discharge points designated by the Director in accordance with §51.33;
9. Noxious or malodorous liquids, gases, solids, or other wastewater which, either signally or by interaction with other wastes, are sufficient to create a public nuisance, a hazard to life, or to prevent entry to the POTW for maintenance or repair.
10. Wastewater which imparts color which cannot be removed by the treatment process, such as, but not limited to dye wastes and vegetable tanning solutions, which consequently imparts color to the treatment plant's effluent;
11. Wastewater containing any radioactive wastes or isotopes except in compliance with applicable federal or state regulations;
12. Sludges, screenings, or other residues from the pretreatment of industrial wastes;
13. Medical wastes, except as specifically authorized by the Director in a wastewater discharge permit;
14. Wastewater causing, alone or in conjunction with other sources, the treatment plant's effluent to fail toxicity test;
15. Detergents, surface-active agents, or other substances which may cause excessive foaming in the POTW;
16. Fats, oils, or greases of animal or vegetable origin in concentrations greater than 100 mg/l;
17. Collectible floating fats, oils, or greases; including grease trap waste.
18. Garbage that has not been properly shredded;
19. Pollutants which cause a high concentration of inert suspended solids, such as but not limited to, slurries, diatomaceous earth and lime residues;
20. Pollutants which cause high concentration of dissolved solids such as, but not limited to, sodium chloride;
21. Pollutants which exert a COD that would increase operational expense or cause treatment problems;
22. Pollutants which exert high chlorine demand such as, but not limited to, nitrite, cyanide, thiocyanate, sulfite, and thiosulfate;
23. Pollutants which result in water or waste materials containing toxic or poisonous substances that may damage or interfere with any sewage treatment process or that may constitute a hazard to any person, animal, fish, aquatic life, or that may be a hazard in the receiving waters of the state;
24. Any substance which may cause the POTW effluent or any other product of the POTW such as biosolids, residue, sludge or scum, to be unsuitable for reclamation and reuse or to interfere with the biosolids management, reuse or reclamation process where the POTW is pursuing a biosolids, reuse or reclamation program. In no case shall a substance be discharged to the POTW and cause the POTW to be in noncompliance with biosolids use or disposal criteria guidelines or regulations under applicable, federal, state, or local law.

C. Pollutants, substances, or wastewater prohibited by this section shall not be processed or stored in such a manner that they could be discharged to the POTW. ('38 Ge4n'l Code, Ch. 5, §3-106) (Am. Ord. D-1635, passed 09/09/91, effective 09/09/91; Am. Ord. D-1927, passed 07/15/02, effective 08/01/02.

Organic Load Limits – Since Septage is not conveyed to the WWTP through the sewer system and the waste is generated by non-rate payers with no capital investment in the facility a commodity charge has been established. This charge is based on the non-characteristic nature of septage. For the purpose of this document the following is considered characteristic of septage;

BOD	less than 6,500 mg/l
Total Suspended Solids	less than 13,000 mg/l
Total Phosphorus	less than 200 mg/l
NH3-N	less than 100 mg/l
Fat Oil and Grease	less than 6,000 mg/l

Any sample deemed to be non-characteristic shall be exacted a surcharge. Surcharging will be based upon the following formula.

mg/l of sample – mg/l limit x 8.34 x volume of truck / 1,000,000 = surcharge

A surcharge will be charged for each parameter that is in excess of the limit.

This plan and the septage receiving rate structure are subject to periodic review and revision at the sole discretion of the City of Saginaw. The MDEQ and all permitted septic haulers will be notified in advance of any changes.

CITY OF SAGINAW

August 1st, 2008

In compliance with Part 117, Septage Waste Servicers, of the Natural Resources Environmental Protection Act, 1994 PA 451, The City of Saginaw has developed an Operations Plan for Septage Receiving.

The plan details the requirements, procedures, and fees the City of Saginaw has adopted for accepting domestic septage waste from area contractors. The plan in its entirety can be viewed on the City's website by going to, http://www.saginaw-mi.com/Government/Departments/WasteWater/ and selecting "Septage Receiving Plan" from the menu on the left hand side of the page.

The City of Saginaw will welcome comments and concerns in regards to the plan until September 10th, 2008. Comments should be addressed to:

City of Saginaw WWTP
Septage Receiving Plan
2406 Veterans Memorial Parkway.
Saginaw, MI 48601

Sincerely yours,

Jeanette M. Best

Jeanette Best
Superintendent / City of Saginaw WWTP

RECEIVED
MICH DEPT OF ENVIRONMENTAL QUALITY

AUG 28 2008

WATER BUREAU
DWEHS

Bay City Country Club
Ed Bialek
7255 S. Three Mile Rd.
Bay City, MI 48706

Birch Run Township
Earl Schlegel
P. O. Box 152
Birch Run, MI 48415

Blumfield-Reese Water Authority
Ron Ebenhoeh
12810 E. Washington Rd.
Reese, MI 48757

Bridgeport Township
Richard Dunnill
6206 Dixie Highway
Bridgeport, MI 48722

Buena Vista Charter Township
Martin Williams
1160 Outer Drive
Saginaw, MI 48601

Carrollton Township
Martin Kozara
915 Atlanta
Saginaw, MI 48604

City of Frankenmuth
Charles Graham
240 W. Genesee St.
Frankenmuth, MI 48734

City of Zilwaukee
Patricia Hascall
319 Tittabawassee Rd.
Saginaw, MI 48604

Delphi Saginaw Steering Systems
William Willard
3900 Holland Rd.
Saginaw, MI 486019494

Delta College
Larry Ramseyer
1961 Delta Rd.
University Center, MI 48710

Frankenlust Township
Hilda Dijak
2401 Delta Rd.
Bay City, MI 48706

James Township
Jerry Wieneke
6060 Swan Creek Rd.
Saginaw, MI 48609

Kochville Township
Patricia Bourdow
5851 Mackinaw Rd.
Saginaw, MI 48604

Saginaw Charter Township
Ronald Lee
P. O. Box 6400
Saginaw, MI 48608

Spaulding Township
John Taggert
5025 East Rd.
Saginaw, MI 48601

Swan Creek Township
Donald Rappley
P. O. Box 17
St. Charles, MI 48655

Taymouth Township
Doug James
4343 E. Birch Run Rd.
Birch Run, MI 48415

Thomas Township
Russell Taylor
249 N. Miller Rd.
Saginaw, MI 48609

Tittabawassee Township
Brian Kischnick
P. O. Box 15
Freeland, MI 48623

Village of Birch Run
Paul Moore
P. O. Box 371
Birch Run, MI 48415

Village of St. Charles
Hal Mead
110 Spruce St.
St. Charles, MI 48655

RECEIVED
MICH DEPT OF ENVIRONMENTAL QUALITY

AUG 28 2008

WATER BUREAU
DWEHS

Saginaw County Clerk
111 S. Michigan Avenue, Room 101
Saginaw, Michigan 48602
Phone: 989-790-5251

Saginaw County Department of Public Health
1600 North Michigan Avenue
Saginaw, Michigan 48602

Bay County Clerk
515 Center Ave., Ste. 101
Bay City, MI 48708-5122

Bay County Environmental Health
1212 Washington Avenue
Bay City, MI 48708-5745

Midland County Clerk
220 W Ellsworth St
Midland, MI 48640-5194

Midland County Public Health
220 W Ellsworth St
Midland, MI 48640-5194

Gratiot County Clerk
214 East Center Street
Ithaca, Michigan 48847

Gratiot County Health Department
151 Commerce Drive
Ithaca, MI 48847-1627

Shiawassee County Clerk
208 N. Shiawassee St.
Corunna, MI 48817

Shiawassee County Public Health
149 E. Corunna Ave.
Corunna, MI 48817

Margie A. White-Cormier – Tuscola County Clerk
440 North State Street |
Caro, MI 48723

Tuscola County Health Dept.
1309 Cleaver Road, Suite B
Caro, MI 48723-9135

County Clerk
Genesee County Courthouse
900 S. Saginaw St.
Flint, MI 48502

Genesee county Health Department
630 S. Saginaw Street
Flint, Michigan 48502-1540

Clinton County Clerk
100 E. State Street
St. Johns, MI 48879

Clinton County Health Dept.
1307 E. Townsend Rd
St. Johns, MI 48879

Clerk, City of Auburn
113 E. Elm St.
Auburn, MI 48611

Clerk, City of Frankenmuth
240 W. Genessee
Frankenmuth, MI 48734

Clerk, City of Bay City
301 Washington Ave.
Bay City, MI 48708

RECEIVED
MICH DEPT OF ENVIRONMENTAL QUALITY

AUG 28 2008

WATER BUREAU
DWEHS

Saginaw News
203 S. Washington St., Saginaw, MI 49607-1283

AFFIDAVIT OF PUBLICATION

State of Michigan,) ss
County of Saginaw)

Maureen Manning being duly sworn, deposes and says that he/she is principal clerk of the Saginaw News; that said Saginaw News is a newspaper published and circulated in the County of Saginaw, and the attached notice has been duly published in said newspaper on the following dates:

August 03, 2008

The City of Saginaw has always and will continue to receive domestic septage at the Wastewater Treatment Plant lcoated at 2406 Veterans Memorial Parkway on Monday through Friday between the hours of 7 am and 3 pm. The City of Saginaw's Septage Receiving Plan is available on our website, http://www.saginaw-mi.com/Government/Departments/WasteWater/ and selecting "Septage Receiving Plan" from the menu on the left. During the next thirty days the City will be taking comments on the plan. Comments should be addressed to:
City of Saginaw WWTP
Septage Receiving Plan
2406 Veterans Memorial Parkway, Saginaw MI 48601

Customer Name:
SAGINAW WATER TREATMENT PLANT

Maureen Manning

Subscribed and sworn to before me this 18th day of August A.D. 2008

Kathleen M. Dudek NOTARY PUBLIC IN AND FOR THE COUNTY OF SAGINAW, STATE OF MICHIGAN

My Commission Expires: October 4, 2014

KATHLEEN M. DUDEK
Notary Public-State of Michigan
County of Saginaw
My Commission Expires Oct. 4, 2014
Acting in the county of Saginaw

Folios 1 Times $ 91.82
Affidavit $ 0.00
Words/Lines
$ 91.82

AFFIDAVIT OF PUBLICATION
SAGINAW NEWS
SAGINAW, MICHIGAN

RECEIVED
MICH DEPT OF ENVIRONMENTAL QUALITY
AUG 28 2008
WATER BUREAU
DWEHS

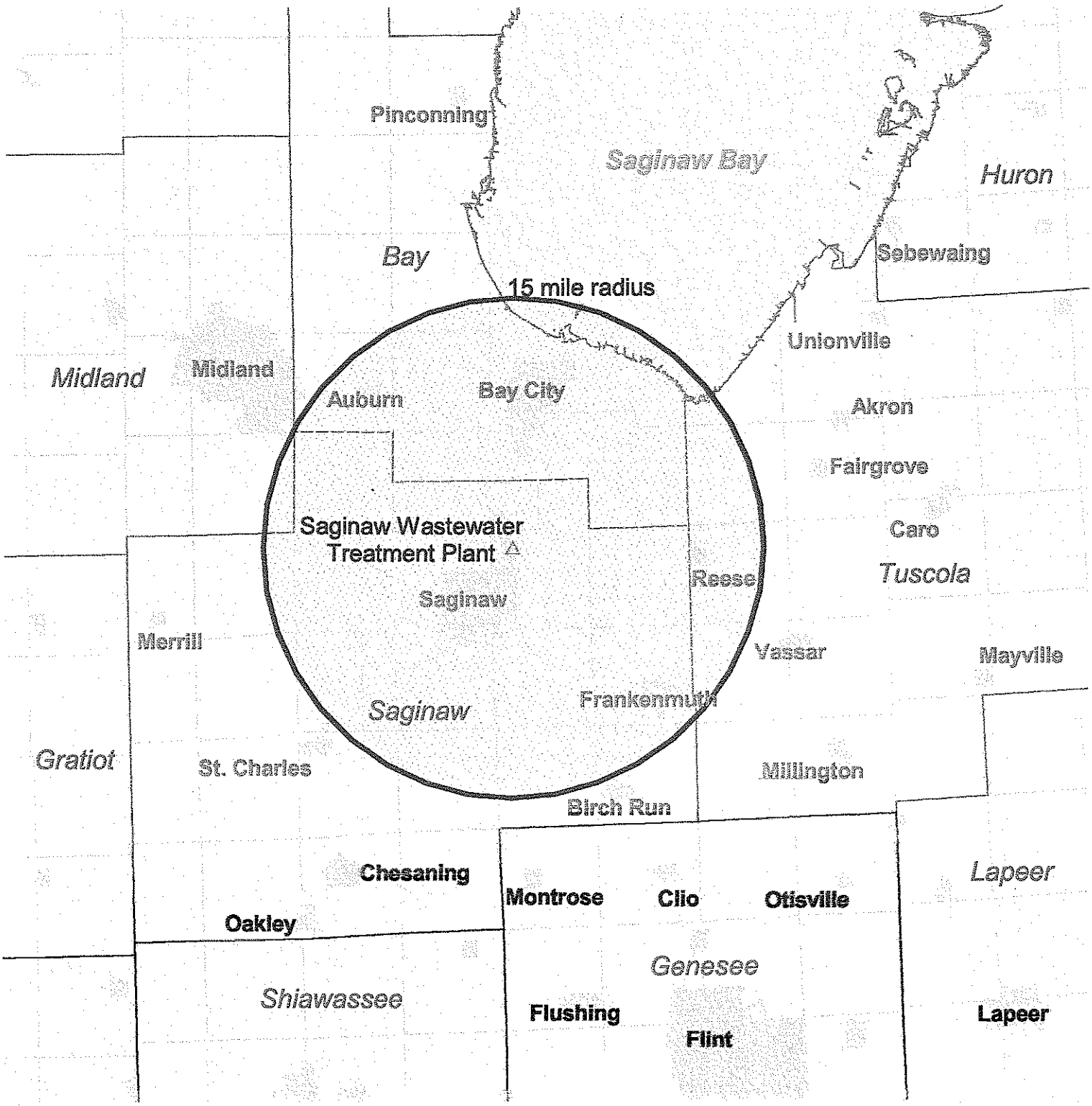
IN THE MATTER OF

SAGINAW WATER TREATMENT PLANT
2406 VETERANS MEMORIAL PARKWAY
SAGINAW MI 48601

CITY OF SAGINAW
AUG 21 2008
WWTP

Received and filed this 18th day of August A.D. 2008

0002800771



Saginaw Wastewater Treatment Facility with 15 mile radius