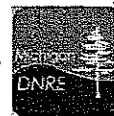




RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT
LANSING



February 15, 2011

Mr. Alan C. Smaka, P.E.
Wightman and Associates, Inc.
2303 Pipestone Road
Benton Harbor, Michigan 49022

Dear Mr. Smaka:

SUBJECT: Septage Receiving Facility Operating Plan Approval
Cass County Board of Public Works
Lakes Area Sewer Authority
Septage Waste Receiving Facility

Review of the Cass County Board of Public Works Lakes Area Sewer Authority (LASA) Wastewater Treatment Plant septage waste receiving facility (SWRF) operating plan by the Department of Natural Resources and Environment (DNRE) 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 plan will be posted on the DNRE Septage Waste Program web page www.michigan.gov/septage. It can be viewed by clicking on "Approved Septage Waste Receiving Facility Operating Plans" located under "Program Forms/Downloads."

The LASA SWRF located at 53550 Hemlock Lake Road, Marcellus, Michigan, 46067, must operate in accordance with the approved plan. If a change in operations or conditions (including fees charged to treat septage waste) is anticipated, please file an amendment to the plan at least thirty (30) days prior to the proposed date for implementation.

If you have any questions, please contact me via telephone; cambellm4@michigan.gov; or DNRE, P.O. Box 30241, Lansing, Michigan 48909-7741.

Sincerely,

Matthew Campbell
Septage Waste Program Coordinator
Onsite Wastewater Unit
Solid Waste and Land Application Section
517-335-4178

cc: Mr. Michael Laufer, R.S., Van Buren/Cass County District Public Health Department
Mr. Kameron Jordan, DNRE-Kalamazoo

Benton Harbor Office:
2303 Pipestone Road
Benton Harbor, MI 49022

Telephone:
(269) 927-0100

Toll Free:
(877) 927-0109

Fax:
(269) 927-1300

Website:
www.wightman-assoc.com

December 22, 2010

Michigan DNRE
Water Bureau
Constitution Hall, Second Floor – North
P.O. Box 30273
Lansing, MI 48909-7773

Attention: Mr. Matthew Campbell, Septage Waste Program Coordinator

**RE: CASS COUNTY BOARD OF PUBLIC WORKS, LAKES AREA SEWER AUTHORITY
WASTEWATER TREATMENT PLANT
SEPTAGE RECEIVING OPERATING PLAN**

Dear Mr. Campbell:

In accordance with Part 117 of PA 451, enclosed for your review and approval please find one (1) copy of the Septage Receiving Operating Plan (Plan), dated December, 2010, for the above referenced treatment facility. No written comments were received during the public notice period outlined in the Plan. The Plan was approved and adopted by the Cass County Board of Public Works and Lakes Area Sewer Authority at their respective December 15, 2010 and December 20, 2010 regular board meetings.

The affidavits of publication from the two (2) newspapers listed in the Plan have been requested. Once received, these will be forwarded to you immediately to complete the requirements under Part 117.

If you have any further comments or questions concerning the Plan, please feel free to contact me.

Very truly yours,

WIGHTMAN & ASSOCIATES, INC.



Alan C. Smaka, P.E.
asmaka@wightman-assoc.com

ACS/ds

cc: Mr. Gerald Melko, Lakes Area Sewer Authority, Chairman (via email)

RECEIVED
DEPT. NATURAL RESOURCES & ENVIRONMENT
DEC 27 2010
ERMD-SWLAS

***SEPTAGE RECEIVING
OPERATING PLAN

FOR THE

CASS COUNTY BOARD OF PUBLIC WORKS

LAKES AREA SEWER AUTHORITY
WASTEWATER TREATMENT PLANT***

December, 2010

*Prepared by:
Wightman & Associates, Inc.
2303 Pipestone Road
Benton Harbor, MI 49022
Phone: (269) 927-0100 / Fax: (269) 927-1300*

RECEIVED
DEPT. NATURAL RESOURCES & ENVIRONMENT

DEC 27 2010

ERMD-SWLAS

***Lakes Area Sewer Authority Wastewater Treatment Plant
Cass County Board of Public Works
Septage Receiving Operating Plan***

Purpose

This plan has been developed in accordance with the regulatory requirements of Part 117, Septage Waste Servicers, of the Natural Resources and Environmental Protection Act, PA 451 of 1994 and pursuant to the requirements of Section 324.11715b of Part 117. The Lakes Area Sewer Authority (LASA) Wastewater Treatment Plant (WWTP) will start accepting domestic septage. The acceptance of septage will provide a valuable service to the greater Cass County and Van Buren County areas by promoting an environmentally safe method for the treatment and disposal of trucked waste and septage tank waste.

Location

The proposed Septage Receiving Facility is located within the limits of the LASA WWTP at 53550 Hemlock Lake Road, Marcellus, Michigan, 46067. See Exhibit A for a vicinity map indicating the location of the facility. The WWTP office phone number is (269) 646-9861. The Plant Superintendent and Operator is Mr. Jack Niemi of Infrastructure Alternatives, Inc. The LASA contracts with Infrastructure Alternatives, Inc. (IAI) for operation of its collection and treatment systems.

Background

The LASA WWTP design capacity (permitted) and raw sewage loadings (anticipated maximum and average day flows) are shown in the following table:

Item	Plant Design	Anticipated Sewage Loadings – Maximum Day	Anticipated Sewage Loadings – Average Day
Flow	0.250 MGD – NPDES, 0.313 MGD – Maximum Day	0.205 MGD (100 GPCD)	0.144 MGD (70 GPCD)
CBOD ₅	521.6 lbs/day (250 mg/L)	341.9 lbs/day (200 mg/L)	240.2 lbs/day (200 mg/L)
TSS	625.9 lbs/day (300 mg/L)	427.4 lbs/day (250 mg/L)	300.2 lbs/day (250 mg/L)

The LASA WWTP is an extended aeration treatment process plant using Schreiber Water equipment and controls to provide biological nutrient removal in one of two separate 0.250 MGD treatment basins. Each basin consists of a concentric aeration basin and clarifier unit. Under normal operations, the second redundant basin is capable of being converted into an aerobic digester (aeration conversion), to which septage discharges may be routed (in lieu of discharging to the headworks channel, for which capabilities also exist), and gravity thickener (clarifier conversion). Other processes and abilities at the facility include fine screening at the headworks channel, tertiary treatment/filtration, chemical feed equipment, ultraviolet disinfection, post aeration (cascade and mixer), sludge dewatering, aerated sludge storage/tankage, and laboratory services. A holding tank and pump, additional screening equipment, controls, fence operators, and surveillance equipment were also added as part of the septage receiving station construction. The LASA WWTP is regulated by the MDNRE under NPDES permit MI0058623.

Septage Receiving Station Location and Description

The septage receiving station will be accessed by passing through the gate on the entry drive for the LASA WWTP at 53550 Hemlock Lake Road. The gate is equipped with a numerical keypad, the password for which will be changed by the Plant Operator from time to time and provided to the haulers

***Lakes Area Sewer Authority Wastewater Treatment Plant
Cass County Board of Public Works
Septage Receiving Operating Plan***

as needed. Surveillance equipment will monitor and track each vehicle and truck entering the facility. Once a truck passes through the gate, it will continue straight forward and merge/pull-off onto the trapezoidal drive area located south of the entry drive and in front of the Septage Receiving Building. There the driver will see the receiving port and control panel for the receiving equipment and park his truck accordingly to unload. The receiving equipment consists of a rock trap, automatic flow control valve, flow meter and fine screen. The equipment was designed so a grinder unit, auto sampler and/or pH probe can be added at a later point in time. A drawing of the screening equipment is included as Exhibit B. The fine screen will convey and dewater the screenings into a receptacle for disposal at a landfill. Haulers who obtain a Discharge Authorization Permit from the LASA (described further below) will be issued an individual card to activate this equipment by use of a card reader located on the exterior of the Septage Receiving Building. Non-permitted haulers will obtain access to the system through the Operator and his card. The equipment will then track each truck load and volume discharged from which billings will be generated. The screened septage is then discharged to the Septage Holding Tank, with a capacity of 23,500 gallons, before being discharged to the treatment basins at a controlled rate. The WWTP facility from the entrance gate to the septage receiving area will be under video surveillance and recorded at all times. A map showing the overall layout of the WWTP is attached as Exhibit C.

After each discharge, the hauler is required to empty the contents of the rock trap into the provided dumpster and report to the operator any incidental spills within the containment area during the discharge process. Incidental spillage shall be cleaned and hosed down by the hauler.

Septage Receiving and Treatment Process

The LASA WWTP will have a 400+/- gallon per minute (gpm) maximum unloading rate with a design capacity of 10,000 gallons per day assuming the above stated Maximum Day Anticipated Sewage Loadings/Flows for the current service area. Raw sewage flows below the anticipated flows and loadings will result in additional available capacity for septage, to be evaluated and determined by the Plant Operator on a daily basis. The capacity for domestic septage was figured anticipating 6,500 mg/L CBOD₅ and 13,000 mg/L TSS. The LASA WWTP septage receiving station does not place the initial loading of the septage into the treatment process via the headworks screen. Instead, the septage will normally be mixed with the waste activated sludge from the clarifiers. This mixture of waste sludge and septage is aerated in one of the two Schreiber GR basins that is designated as the digester until stabilized. From the digester (converted aeration basin), the mixed sludge will then be transferred to the concentric clarifier that will act as a gravity thickener. The decant from the clarifier is taken back to the head of the treatment process. The aerated mixture of waste sludge and septage solids will be drawn from the clarifier hopper and pumped to an aerated sludge storage tank or directly to the dewatering unit. The ultimate disposal of the mixture of waste sludge from the treatment process and septage solids, whether passing through the sludge storage tank or directly to the dewatering unit, will be by landfill disposal. The Operator will annually review the cost and environmental considerations between landfill disposal and land application, which may result in a change from the initial landfill disposal to land application at some future date. The facility has been designed to permit either option.

Septage Receiving Hours of Operation

The operating hours for the receiving station will be 24 hours per day and 7 days a week for those haulers with an approved Discharge Authorization Permit and issuance of the proper gate access password and key card for operation of the receiving equipment. Each hauler will be required to fill out a credit application for proper billing and prepayment, if desired, and provide proof of proper insurance and provide a performance bond, if required by LASA, to obtain a Discharge Authorization Permit. Upon

***Lakes Area Sewer Authority Wastewater Treatment Plant
Cass County Board of Public Works
Septage Receiving Operating Plan***

completion and approval of this process, the hauler will be issued a gate access password to enter the WWTP facility and a swipe card to operate the receiving equipment. Haulers that do not go through this process will only have access to the receiving station during normal business hours of Monday through Friday, 8:00 am to 4:00 pm, with no holiday dumping service.

Septage Accepted

Septage and hauled waste can be a high variety of materials, which may include grit, organics, suspended solids, and grease. The LASA WWTP Septage Receiving Station will accept the following: (a) domestic septage pumped from home septic tanks, recreational vehicles (RV's), cesspools, portable toilets, type II marine sanitation devices, or similar storage; (b) domestic treatment plant septage; (c) sanitary sewer cleanout septage.

Sampling

The sampling of domestic septage will be on a random basis. The LASA and WWTP Operator reserve the right to sample any and all domestic septage discharged to the LASA WWTP. If the waste appears to be other than domestic septage, in the opinion of the plant Operator, the hauler will be instructed to immediately leave the site and will not be allowed to discharge.

Regulatory Structure

Septage haulers are regulated by the Septage Receiving Station Ordinance. The LASA and member municipalities (Marcellus and Volinia Townships, Cass County and Porter Township, Van Buren County) have made the proposed Ordinance available for review during normal business hours at the LASA WWTP and have posted the proposed Ordinance on the Wightman & Associates, Inc. web site at www.wightman-assoc.com/lasa.html.

Fee Structure

The fee structure will be set from time to time by the LASA. The basis for the fee structure will be as follows:

- 1) Haulers of domestic septage as described above will pay a per gallon charge based on annual OM&R (operation, maintenance and replacement) cost analyses determining the Septage Receiving Station contribution thereto. This will include evaluating the costs of the Septage Receiving Station components, a portion of the treatment facility that is handling the solid's disposal, aeration cost requirements due to the additional biological loadings from the septage, and the processing of supernatant from the solids handling. In addition, the rates are structured to include debt repayment for the construction costs associated with the Septage Receiving Station. The rate will be set at \$0.06 per gallon. A discount will be given for pre paying based on the following chart:

Prepay Gallons	Prepay Rate
100,000	\$0.058
250,000	\$0.056
500,000	\$0.054
750,000	\$0.052
1,000,000	\$0.050

***Lakes Area Sewer Authority Wastewater Treatment Plant
Cass County Board of Public Works
Septage Receiving Operating Plan***

The LASA and Operator reserve the right to change any and all fees for the septage receiving facility, with any increase in rates to be posted a minimum of 30 days prior to increase.

Billing

Except for haulers who pre pay, haulers will be invoiced on a monthly basis for the respective month's volume discharged. Payment terms are due upon receipt. A delinquency rate of 1.5% per month will be added to all invoices and amounts due not paid within thirty (30) days of the invoice date.

Outstanding Invoices

No septage waste will be accepted from septage haulers having outstanding invoices over 30 days. Service may resume once the hauler has demonstrated that all current invoices have been paid.

Service Area

The service area for the LASA WWTP Septage Receiving Station will cover a 25 mile geographic area as shown on the attached Exhibit D. The service area includes a majority of Cass and Van Buren Counties and portions of Kalamazoo, St. Joseph, and Berrien Counties.

Hauler Registration

All haulers must register with the LASA WWTP prior to discharge. In addition to registration, the hauler will need to pick a four (4) digit PIN number (for Discharge Authorization Permit holders) that is unique to the hauler and receive training on the discharge facilities (all haulers). The hauler will also need to supply billing address and information requested.

Discharge Verification

The hauler must fill out for each load the provided "Hauled Waste Tracking and Discharge Ticket" (see Exhibit E). The required information shall include identification of the hauling company, truck and driver I.D., origin of septage discharge, including name, address and volume of septage of each location pumped into the truck load, and time and date the septage tank(s) were pumped out. The driver will need to sign the certification on the ticket attesting to the information contained thereon and certifying the following statement:

"I hereby certify that the waste hauled is from the above locations in the stated quantity and is residential domestic waste only, unless noted, and agree to abide by the conditions of discharge as outlined in the LASA Septage Receiving Operating Plan and the LASA/Township Septage Receiving Ordinances."

Hauler Responsibility

The hauler is responsible for leaving the discharge site as clean as or cleaner than they found it. The hauler shall not operate any of the equipment at the WWTP except as trained and instructed to do.

***Lakes Area Sewer Authority Wastewater Treatment Plant
Cass County Board of Public Works
Septage Receiving Operating Plan***

Discontinuance of Service

If the WWTP is unable to treat the volume of trucked waste for any reason, the LASA reserves the right to temporarily limit or discontinue trucked waste discharge at any time. Haulers are responsible for the lawful and environmentally safe disposal of their waste. The LASA reserves the right to discontinue any discharge that does not meet this Operating Plan or overwhelms the aeration, solids, or odor control systems.

State Business License

Commercial septage haulers wishing to dispose of their septage waste at the LASA WWTP must have a valid State issued business license to remove and transport septage.

Discharge Authorization Permit

Commercial septage haulers wishing to dispose of their waste at the LASA WWTP on a 24 hour per day-7 day per week basis must have a valid LASA issued Discharge Authorization Permit. In addition to giving the owner or operator of a hauler's business permission to discharge septage, the permit provides the standards and conditions under which that permission is given. An application for a permit may be obtained by contacting the LASA WWTP at (269) 646-9861. A permit will not be issued to a commercial septage hauler if the hauler does not have an appropriate State license(s) for hauling septage. The Discharge Authorization Permit shall be in effect for the period of time specified by the LASA WWTP except where that permit has been revoked or voided, or where suspended by order of the plant operator for due cause. Discharge Authorization Permits shall be voided upon transfer of business ownership. A Discharge Authorization Permit issued to a septage hauler is void upon the issuance of a new Discharge Authorization Permit to that hauler. A Discharge Authorization Permit will not be issued to a hauler who has had their permit cancelled due to non compliance with the Septage Receiving Operating Plan for a period of one (1) year.

Cancellation

Failure to comply with any requirements of the Septage Receiving Operating Plan shall be grounds for immediate cancellation of the Discharge Authorization Permit.

Security

All haulers are subject to video surveillance at the unloading station. The surveillance is to record improper disposal procedures by any hauler. The LASA WWTP may suspend waste deliveries based on Federal Department of Homeland Defense national threat level notifications or require picture identification prior to authorization to discharge.

Right of Refusal

The LASA WWTP may at its discretion refuse any septage waste deliveries that, in its opinion, could negatively impact the operation of the WWTP.

***Lakes Area Sewer Authority Wastewater Treatment Plant
Cass County Board of Public Works
Septage Receiving Operating Plan***

Septage Volume

The LASA WWTP will accept a minimum of 10,000 gallons per day total combined acceptable septage waste from all authorized and registered haulers, subject to Plant Operator discretion for increases in said capacity. A single delivery shall not exceed 5,000 gallons. The septage hauler shall discharge at a rate not greater than 400 gallons per minute.

Plan Revisions

The LASA WWTP reserves the right to revise this document at any time. Revisions will be posted at the WWTP and provided to septage haulers holding a valid Discharge Authorization Permit by email.

Termination of Service

The LASA WWTP reserves the right to discontinue accepting septage waste at any time. The LASA WWTP will provide septage haulers holding valid Discharge Authorization Permits with at least 45 days advance notice of the termination.

***Lakes Area Sewer Authority Wastewater Treatment Plant
Cass County Board of Public Works
Septage Receiving Operating Plan***

Septage Receiving Operating Plan Approval Process

Public Notice – Marcellus News – November 18, 2010
Courier Leader – November 19, 2010

Posting – Lakes Area Sewer Authority Wastewater Treatment Plant and Wightman & Associates, Inc. Website (www.wightman-assoc.com/lasa.html) – November 18, through December 19, 2010

Notifications – November 18, 2010
Berrien County
Berrien County Health Department
Bainbridge Township, Berrien County
Berrien Township, Berrien County
Niles Charter Township, Berrien County
Watervliet Charter Township, Berrien County

Cass County
Van Buren/Cass County District Health Department
Village of Cassopolis, Cass County
City of Dowagiac, Cass County
Village of Edwardsburg, Cass County
Village of Marcellus, Cass County
Village of Vandalia, Cass County
Calvin Township, Cass County
Howard Township, Cass County
Jefferson Township, Cass County
Lagrange Township, Cass County
Marcellus Township, Cass County
Mason Township, Cass County
Milton Township, Cass County
Newberg Township, Cass County
Ontwa Township, Cass County
Penn Township, Cass County
Pokagon Township, Cass County
Porter Township, Cass County
Silver Creek Township, Cass County
Volinia Township, Cass County
Wayne Township, Cass County

Kalamazoo County
Kalamazoo County Health Department
City of Kalamazoo, Kalamazoo County
City of Parchment, Kalamazoo County
City of Portage, Kalamazoo County
Village of Schoolcraft, Kalamazoo County
Village of Vicksburg, Kalamazoo County
Alamo Township, Kalamazoo County
Brady Township, Kalamazoo County

Wightman & Associates, Inc.

***Lakes Area Sewer Authority Wastewater Treatment Plant
Cass County Board of Public Works
Septage Receiving Operating Plan***

Climax Township, Kalamazoo County
Comstock Charter Township, Kalamazoo County
Cooper Township, Kalamazoo County
Kalamazoo Charter Township, Kalamazoo County
Oshtemo Charter Township, Kalamazoo County
Pavilion Township, Kalamazoo County
Prairie Ronde Township, Kalamazoo County
Schoolcraft Township, Kalamazoo County
Texas Charter Township, Kalamazoo County
Wakeshma Township, Kalamazoo County

Van Buren County
Village of Decatur, Van Buren County
Village of Gobles, Van Buren County
City of Hartford, Van Buren County
Village of Lawrence, Van Buren County
Village of Lawton, Van Buren County
Village of Mattawan, Van Buren County
Village of Paw Paw, Van Buren County
Almena Township, Van Buren County
Antwerp Township, Van Buren County
Arlington Township, Van Buren County
Bangor Township, Van Buren County
Bloomingdale Township, Van Buren County
Decatur Township, Van Buren County
Hamilton Township, Van Buren County
Hartford Township, Van Buren County
Keeler Township, Van Buren County
Lawrence Township, Van Buren County
Paw Paw Township, Van Buren County
Pine Grove Township, Van Buren County
Porter Township, Van Buren County
Waverly Township, Van Buren County

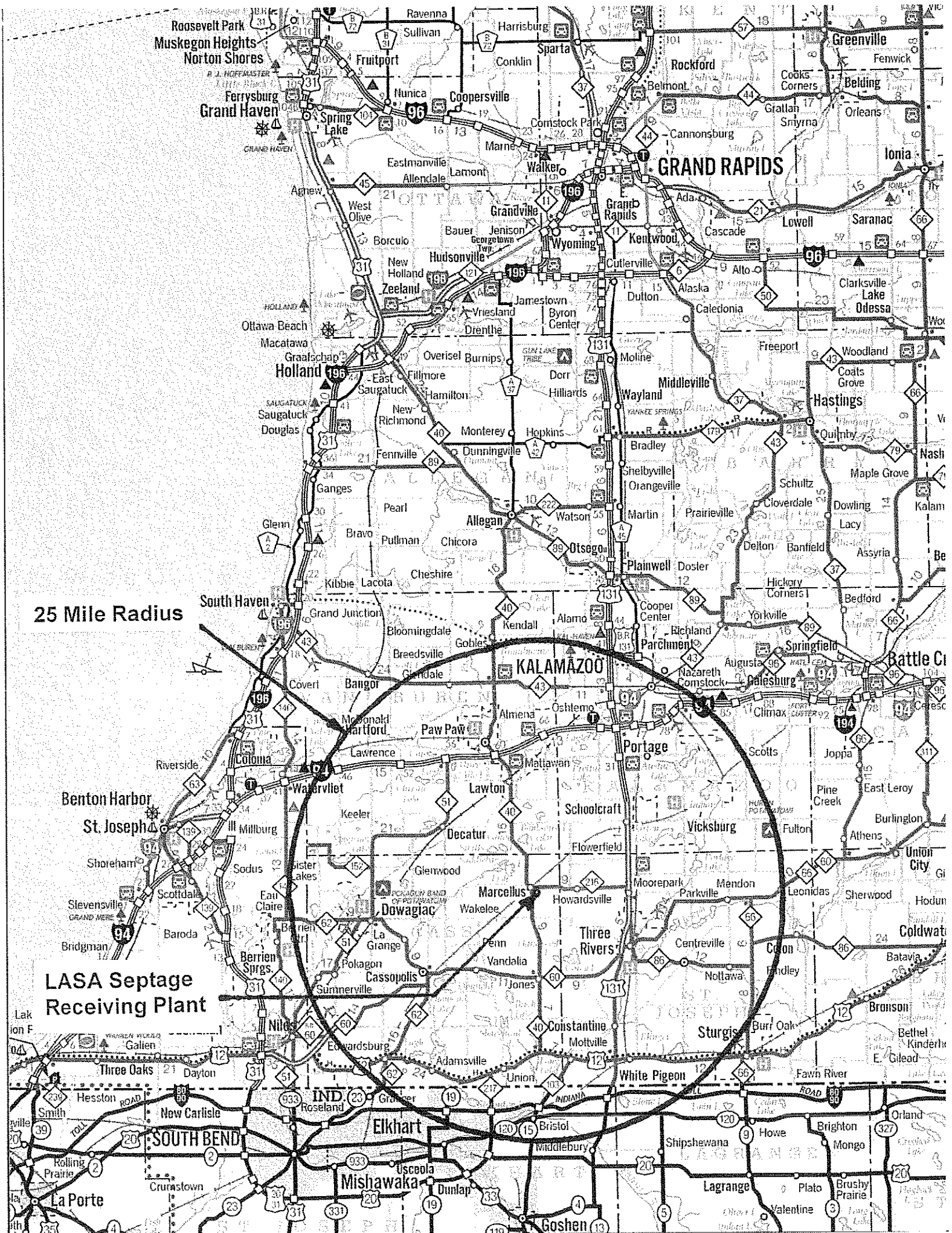
Submittal to County Health Departments – November 18, 2010

Approval by Cass County Board of Public Works – December 15, 2010

Approval by Lakes Area Sewer Authority – December 20, 2010

Sent to MDNRE for Approval – December 21, 2010

Anticipated Approval from MDNRE and Begin Accepting Septage – January 28, 2011



Lakes Area Sewer Authority
Septage Receiving Operating Plan
Hauled Waste Tracking and Discharge Ticket

1. Submit a completed certification form to the WWTP Operator prior to discharge
2. No discharge is authorized until approved by the WWTP Operator
3. Septage hauler shall collect a representative sample when requested by WWTP Operator
4. Notify Wastewater Plant Operator upon completion of unloading – do not leave site until instructed
5. WWTP Operator will verify site is neat and clean, initial form and submit to the file

Hauler Information:

Company Name	
Driver Name	
Contact Telephone Number	
WWTP Discharge Date and Time	
Truck Capacity (gallons)	
Truck Identification Number	

Septage Origin/Generator Information:

Location No.	Date	Time	Name	Address	City	Waste Class. Code*	Volume (gallons)
1							
2							
3							
4							
5							

***Waste Classification Codes:**

- | | | | | |
|----------------|-------|-------------|---------------------|-------------------------------------|
| 1. Residential | 2. RV | 3. Cesspool | 4. Portable Toilets | 5. Type II Marine Sanitation Device |
|----------------|-------|-------------|---------------------|-------------------------------------|

Total Volume	
Base Rate Charge	X 0.06
Total Charge =	

"I hereby certify that the waste hauled is from the above locations in the stated quantity and is residential domestic waste only, unless noted, and agree to abide by the conditions of discharge as outlined in the LASA Septage Receiving Operating Plan and the LASA/Township Septage Receiving Ordinances."

Driver Name (Signature) _____

Today's Date (Month/Day/Year) _____

WWTP Operator Comments: _____

WWTP Operator (Initial): _____

Affidavit of Publication

STATE OF MICHIGAN } ss
County of Cass

**Lakes Area Sewer Authority
Wastewater Treatment Plant
Septage Receiving Operation Plan**

PUBLIC NOTICE

The Lakes Area Sewer Authority Wastewater Treatment Plant (LASA WWTP) plans to accept septage waste discharges from licensed haulers upon approval of its Septage Receiving Operating Plan by the Michigan Department of Natural Resources and Environment.

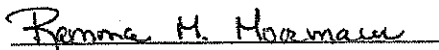
As part of the approval process, comments on the proposed Septage Receiving Operating Plan must first be solicited from the public until December 19, 2010.

A copy of the proposed operating plan is available for viewing at the LASA WWTP, 53550 Hemlock Lake Road, Marcellus, MI, during normal business hours. The plan may also be found online at the website of the project engineer at <http://www.wightman-assoc.com/lasa.html>

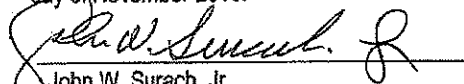
Written comments on the plan should be sent to the LASA by December 19, 2010 at the following address:

Lakes Area Sewer Authority
P.O. Box 902
Lawton, MI 49065

Ramona M. Moormann, being duly sworn, deposes and says that a notice, a true copy of which is annexed hereto, was published in the Marcellus News, a newspaper printed and circulated in said State and County, on November 18, 2010, A.D., and that she is the principal clerk of the printers of said newspaper and knows the facts stated herein.


Ramona M. Moormann

Subscribed and sworn before me on this 18th day of November 2010.


John W. Surach, Jr.
My Commission expires July 6, 2012
Acting in Cass County, Michigan

Campbell, Matthew (DNRE)

From: Ehinger, Dale (DNRE)
Sent: Tuesday, December 21, 2010 3:42 PM
To: Campbell, Matthew (DNRE)
Subject: RE: LASA WWTP SRS - Cass County, Michigan

Hi Matt,

I reviewed the capacity for the LASA WWTP and they should have capacity to treat 10,000 gal of septage a day (assuming 6500 mg/l BOD). Please let me know if you need anything else.

Thanks,

Dale Ehinger, P.E.

Environmental Engineer
Kalamazoo District Office
MDNRE, Water Resources Division
(269) 567-3571

Opt-in to the outdoors! Learn more about the Recreation Passport at [Michigan Recreation Passport](#)

From: Campbell, Matthew (DNRE)
Sent: Thursday, December 09, 2010 11:27 AM
To: Jordan, Kameron (DNRE)
Cc: Falardeau, Ric (DNRE)
Subject: FW: LASA WWTP SRS - Cass County, Michigan
Importance: High

Dear Kameron,

I found out on Tuesday that Greg Danneffel retired. Please forward this information to your district engineer for review and response back to me by the week of December 20. Basically the district's review municipal WWTPs that want to accept septage waste at their plant. Under Part 117, Septage Waste Servicers, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, they are required to submit an operating plan. The program sends the plans to the districts for review to ensure the plant has the capacity and treatment processes required to accept and properly treat septage waste and that the plant doesn't have ongoing compliance issues.

Please feel free to call or write to me if you have any questions.

Matthew Campbell
Septage Waste Program Coordinator
Solid Waste and Land Application Section
Onsite Wastewater Unit
Environmental Resource Management Div. - MDNRE
517-335-4178
www.michigan.gov/septage

From: Campbell, Matthew (DNRE)
Sent: Thursday, December 02, 2010 3:00 PM
To: Danneffel, Gregory (DNRE)
Subject: FW: LASA WWTP SRS - Cass County, Michigan

Hi Greg,

I am in the process of reviewing the LASA septage waste operating plan and am forwarding it to your for the review from your end. If at all possible, please let me know by the middle of December if the plant has the capacity to treat upwards of 10,000 gallons of septage waste per day and if they have having any operational problems that would preclude them from accepting septage. When calculating pound BOD5, we use the EPA's data - 6,500 mg/L.

I appreciate your help,

Matt

Matthew Campbell
Septage Waste Program Coordinator
Solid Waste and Land Application Section
Onsite Wastewater Unit
Environmental Resource Management Div. - MDNRE
517-335-4178
www.michigan.gov/septage

From: Alan C. Smaka [mailto:asmaka@wightman-assoc.com]
Sent: Friday, November 12, 2010 4:26 PM
To: Campbell, Matthew (DNRE)
Cc: Ehinger, Dale (DNRE); Melko Gerald
Subject: LASA WWTP SRS - Cass County, Michigan

Mr. Campbell:

As discussed on the phone a couple weeks back, attached please find a draft Operating Plan and Exhibits A through E thereto for the above referenced Septage Receiving Station. A copy of the proposed public notice is also attached.

The attached are forwarded for your initial review and comment prior to the Public Notice being published. As you will see, we plan for the notice period to begin next week Thursday, November 18, 2010.

We would greatly appreciate your initial review and comments. If you have any comments or questions, please do not hesitate to contact me.

Sincerely,

Alan C. Smaka, P.E.
Wightman & Associates, Inc.
(269) 927-0100 - 2303 Pipestone Road, Benton Harbor, MI 49022
(269) 327-3532 - 9835 Portage Road, Portage, MI 49002
(574) 360-6638 - Cell Phone
www.wightman-assoc.com

1/28/2011