



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT
LANSING



REBECCA A. HUMPHRIES
DIRECTOR

June 28, 2010

Mr. Bill Marlor, P.E.
Public Works Director
Village of Baraga Wastewater Treatment Plant
100 Hemlock Street
Baraga, Michigan 49908

Dear Mr. Marlor:

SUBJECT: Village of Baraga Wastewater Treatment Plant
Septage Waste Receiving Facility Operating Plan Approval

Review of the Village of Baraga septage waste receiving facility (SWRF) operating plan by the Department of Natural Resources and Environment (DNRE), Water Bureau, Drinking Water and Environmental Health Section, On-Site Wastewater Unit, 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 Septage Waste Program website at www.michigan.gov/septage.

The receiving facility must operate in accordance with the approved operating plan. If a change in operations, fee pricing or other conditions is anticipated, please file an amendment to the plan at least 30 days prior to the proposed date for implementation.

Thank you for your environmental stewardship and service to those with on-site septic systems in and around your community and the licensed septage waste businesses that service these systems. If you have any questions regarding this matter, please feel free to contact me by phone, fax, e-mail, or by mail at DNRE, Water Bureau, Drinking Water and Environmental Health Section, On-Site Wastewater Unit, P.O. Box 30273, Lansing, Michigan, 48909-7773.

Sincerely,

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

mc:ckp

Enclosure

cc: Mr. Roy Kemppainen, Village of Baraga
Ms. Lynn Madison, Western Upper Peninsula District Health Department, Houghton County
Mr. Steve Casey, DNRE



Village of Baraga

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100 HEMLOCK ST. • BARAGA, MI 49908
(906) 353-6237 • FAX (906) 353-6100 • TDD 1-800-649-3777

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MICH DEPT OF ENVIRONMENTAL QUALITY

JUN 21 2010

WATER BUREAU
DWEHS

Matthew Campbell

Septage Waste Program Coordinator

Drinking Water & Environmental Health Section

Onsite Wastewater Unit - Lansing Operations Division Water Bureau - MDNRE

Re: Baraga SWRF Operating Plan

Mr. Campbell,

Please accept the following responses to your review comments.

- Items 1-4: Contact information is now listed at the end of the operating plan.
- Item 5: A location map is attached to show the location of the receiving station and treatment lagoons.
- Item 6 : Categories of septage waste are listed in the definition of domestic septage.
- Item 7: We have revised the plan to limit portable toilet waste to 1000 gallons per day. Right now we receive very little waste of this type. It is dumped and diluted immediately when combined with flow from the Max Prison. By the time the waste reaches the lagoon system it is well diluted. This has not been a problem in the years we have accepted this waste.
- Item 8: The system design flows are 500,000 gpd ultimate average and 2.018 mgd ultimate maximum (peak hour). The design BOD is 200 mg/l. There are no loading and flow limits in the discharge permit. Only discharge quality limits.
- Item 9: The word "sludge" has been replaced by the word "waste" to clarify the intent.
- Item 10: The septage waste contribution to our treatment system is currently very small and not threatening to our capacities. We will assess the system and operating plan and the service area as other waste haulers request disposal agreements.
- Item 11: Letters and email correspondence is enclosed. We have no comments from general public.

-Item 12: A copy of the newspaper public notice is enclosed.

-Item 13: The receiving station is a Manhole in the collection system and is noted in the location map.

-Item 14: Due to the location of the receiving station the septage is extremely diluted before it enters the lagoon cells.

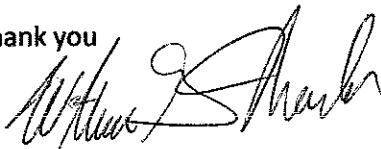
-Item 15: Please accept this written description of a flow diagram. The septage is dumped at a manhole located near the Baraga Max Prison facility. The wastewater collection system conveys all the Village's wastewater to the main lift station located approximately 1 mile downstream. The sewage is pumped to the lagoon system located about 1.8 miles to the south.

-Item 16 and 17: We have only one septage hauler and one portable toilet waste hauler in current operations. They have the responsibility of providing monthly disposal reports to our office. They are required to call the Village office before dumping. We intermittently inspect their processes.

-Item 18: The Village has a website but it is relatively new and mostly inactive at this point. We don't have a website administrator.

Please call if you have any other comments or questions.

Thank you



Bill Marlor, PE

Public Works Director

Village of Baraga, 100 Hemlock St, 49908

906 353 7989 (office), 906 370 8968 (cell)

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Village of Baraga Wastewater Treatment Plant

Septage Receiving Facility Operating Plan

The Village of Baraga Wastewater Treatment Plant, located on Myers Rd is currently accepting **Domestic Septage** and will continue to receive domestic septage for treatment.

Domestic Septage received by the facility is only that defined as the septage pumped from home septic tanks, recreational vehicles, cesspools, portable toilets, type 111 marine sanitation devices, or similar storage or treatment works that receive only domestic sewage. Not other categories are accepted.

The Village of Baraga WWTP will not accept Food establishment septage grease trap waste or any waste, including domestic septage waste that is determined by the Village of Baraga DPW Director or designate to cause harm to the operation of the Wastewater Plant.

The Village of Baraga WWTP requires all septage haulers to be licensed by the State of Michigan. A copy of the current license and all updates will be sent to and kept on file at the Village Office.

Fees: \$80 per domestic septage waste load with a 1500 gallon per load maximum. The Portable toilet disposal fee is \$20 per load for a 350 gallon maximum. Haulers will be billed monthly based on Septage Volume Pump Record sheets. These sheets are kept by the hauler and given to the Village by the end of each month. Haulers are expected to pay by the due date. Those who do not pay will lose their dumping privileges.

All haulers need to have a signed Agreement prior to disposal of wastes to the Village of Baraga Wastewater Plant. The current restriction on the service area is a 15 mile radius around the active receiving site. On October 12 , 2010, the radius will be 25 miles. All haulers will be considered on a individual contract basis with the Village. The Village reserves the right to stop dumping privileges with any hauler at any time due to capacity limitations or other dumping concerns.

The septage receiving facility capacity shall not exceed 6000 gallons per day of septic tank waste, 1000 gallons per day of portable toilet waste, or 325 # of BOD per day from all waste streams combined. Current summer average received is about 2000 gallons per day with a maximum of 4800 gallons. The Village's wastewater treatment facility capacities are 500,000 gpd ultimate average and 2.018 mgd ultimate maximum (peak hour). This limit is based on the capacity of the main lift station. The design BOD is s 200 mg/l.

The operating hours of the septage receiving station located at the intersection of Wadaga Rd and Westland Dr will be 8:00 AM to 10:00 PM, seven days a week. These hours will become effective upon MDNRE approval of the operating plan.

Contact Information: Village of Baraga, 100 Hemlock St, Baraga, Mi, 49908

Attn: Village Manager, Roy Kemppainen 906 353 6237

April, 2010 WGM

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JUN 21 2010
WATER BUREAU
DWELIS

Baraga Septage Receiving Facility Operating Plan Location Map

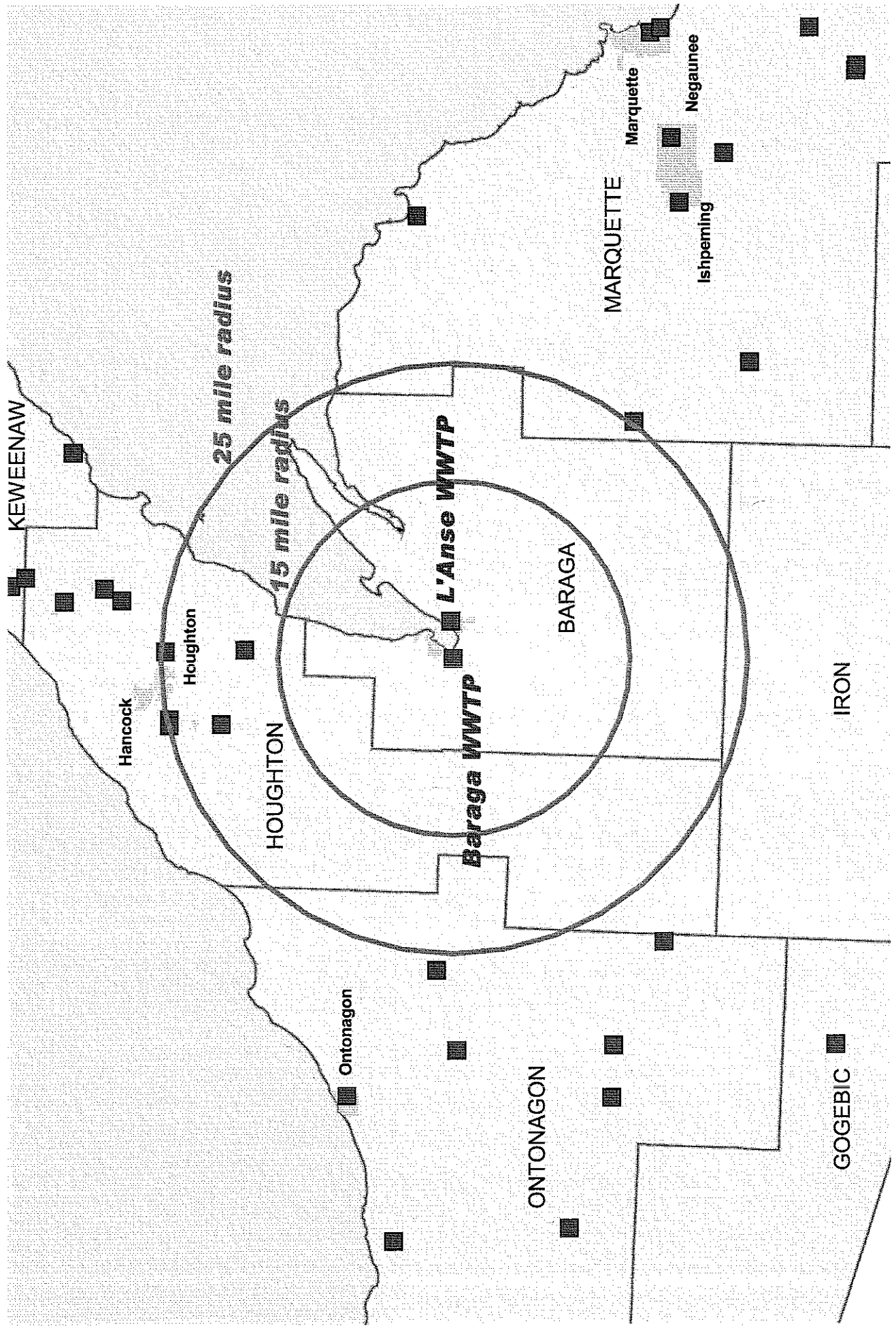
main lift station

septage receiving station

wastewater treatment facility inflow



Baraga Septage Waste Receiving Facility with 15 and 25 mile radii



PUBLIC NOTICE

Village of Baraga Wastewater Treatment Plant

Septage Receiving Facility Operating Plan

The Village of Baraga proposes to continue to receive septage waste from licensed haulers for treatment at the Village of Baraga Wastewater Treatment Plant. The State of Michigan under House Bills 5771 and 5772 requires all septage receiving facilities to publicly post their operating plans. These bills amend Part 117, Septage Waste Services. The Operating Plan and associated information is available for your review during normal business hours at the site listed below. We welcome your comments on the propose plan. Please send any written comments also to the site listed below. All comments must be postmarked by May 21, 2010.

Village of Baraga, Bill Marlor, Public Works Director, 100 Hemlock Rd, Baraga, Mi 49908, phone 906-353-6237, fax 906-353-6100

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Notices in Br

T-BALL REGISTRATION--

Baraga County T-Ball registration will be Thursday, April 22, 2010, at 5 p.m. at Baraga Armory field and L'Anse Jarvi Field. T-ball is for ages 5 to 7 years old.

BC LITTLE LEAGUE--

Baraga County Little League will hold a girls Fast Pitch Softball registration on Thursday, April 22, 2010, from 6-7 p.m. at the L'Anse Jarvi Field.

Resources Dept. at 524-5757 either Dale at ext. 10 or Evelyn ext. 11.

COVINGTON MUSEUM--

The Covington Museum hours are by request. Contact names and numbers are posted on the door.

TRIAD MEETINGS--

Baraga County TRIAD is seeking Available

OJIBWE LANGUAGE--

Ojibwe language table will be held on Wednesday nights from 7-8:30 p.m. at the Ojibwa Casino Resort conference room. For more information call Gary at 353-4178.

OJIBWA LIBRARY--

The Ojibwa Community Library

524-2542 for more information

PLANNING COMMISSION--

The public is invited to attend Planning Commission on the first Thursday of each month at 6 p.m. in the L'Anse Office. Those interested in future direction of the village are encouraged to attend.

Thanks to the doctors, nurses, and nurses' aides who helped me while I was a patient at Baraga County Memorial Hospital, from April 3-8. I also enjoyed the delicious meals served each day, also thanks to those who sent get well cards. A special thanks to my friend Judy Abbot, who made my hospital stay more pleasant.

Rachael Erickson
Green Hill Manor

Reid
Funeral Service
and Chapel
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Pre-Arrangements
www.rjsc.net

Jack L. Reid, Owner/Manager

606 South US-41, L'Anse, MI Phone: 524-6824

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sympathy and visits to the funeral home, and our traditional room, during the recent loss of our brother and uncle.

We thank Pastor John Henry, Jacobson Funeral Home, those who sent flowers, cards, Janice, Myrtle for the lovely song. Also Doreen Blaker for organizing the luncheon, and the Four Thunders Drum.

x

Migwetch

PUBLIC NOTICE Village of Baraga

Village of Baraga Wastewater Treatment Plant Septage Receiving Facility Operating Plan

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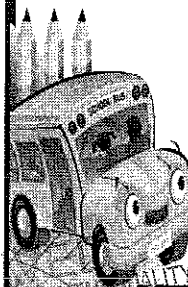
Village of Baraga, Bill Marlor, Public Works Director
100 Hemlock Rd, Baraga, MI 49908
phone 906-353-6237 fax 906-353-6100

C. J. SULLIVAN ELEMENTARY SCHOOL KINDERGARTEN SCREENING

Kindergarten screening will take place on
Tuesday, April 27th and Wednesday, April 28th
at the C. J. Sullivan Elementary School.

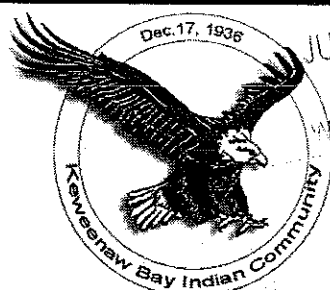
If you have not contacted the school and are interested in having your child screened for kindergarten for the 2010/2011 school year, please call 524-7365 and make an appointment.

Your child must be 5 years old by December 1, 2010.



L'Anse VFW Pinochle Apr. 15, 2010

First: Ray LeClaire 8480;
Tie Second: Signe Kruse 7760;
Second: Boopie Snyder 7760;
Third: Carol Eilola 7230.



**ATTENTION
KBIC MEMBERS**



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Lynne Madison, Director of Environmental Health

Western U.P. Health Dept., 540 Depot Street, Hancock, MI 49930

Re: Baraga Septage Waste Receiving Facility Operating Plan

Ms Madison:

Pursuant to Mr Lafleur's direction we are submitting a hard copy of the Operating Plan for your review.
Please call with any questions or comments.

Thank you

Bill Marlor

Baraga Village DPW Director

Sent 6/10/10

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Baraga Township Supervisor

325 Lyons St

Baraga, Mi 49908

Re: Village of Baraga Wastewater Treatment Plant Septage Receiving Facility Operating Plan

Enclosed is the Village of Baraga Wastewater Treatment Plant Septage Receiving Facility Operating Plan for your review. The Village of Baraga proposes to continue to receive septage waste from licensed haulers for treatment at the Village of Baraga Wastewater Treatment Plant. We welcome your comments on the proposed plan.

Please contact the undersigned with any comments.

Bill Marlor, Baraga Village DPW Director
100 Hemlock St, Baraga, Mi 49908
906 353 6237

Sent 5/26/10

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Village of L'Anse, Manager

101 N Main St.

L'Anse, Mi.

Re: Village of Baraga Wastewater Treatment Plant Septage Receiving Facility Operating Plan

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Bill Marlor, Baraga Village DPW Director
100 Hemlock St, Baraga, Mi 49908
906 353 6237

sent 5/26/10

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L'Anse Township Supervisor

Main St

L'Anse, Mi 49946

Re: Village of Baraga Wastewater Treatment Plant Septage Receiving Facility Operating Plan

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Bill Marlor, Baraga Village DPW Director
100 Hemlock St, Baraga, Mi 49908
906 353 6237

Sent 5/26/10

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Department of
NATURAL RESOURCES
and ENVIRONMENT

Department of Natural Resources and Environment

Septage Waste Receiving Facility Checklist

Page 1

Name of Septage Receiving Facility:

Village of Baraga WWTP

DEQ Reviewer: M. Campbell

Review Date: June 24, 2010

Address of Septage Waste Receiving Facility:

Intersection of Wadaga Road & Westland Drive

Village of Baraga

Facility Contact: Bill Marlor, Public Works Director

Telephone Number: 906-353-7989 Office & 906-370-8968

Contact Address: Village of Baraga, 100 Hemlock St., Baraga, MI 49908

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

<u>Requirement</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
1. Location of septage RF.	X		
2. Hours of operation.	X		8 a.m. to 10 p.m.
3. Categories of septage waste the RF will receive.	X		Domestic septage (DS) only.
4. If food establishment septage is accepted, does the RF required that the FES meets the 1:3 ratio mandated by law? (Not OP req't.)			Not accepted.
5. *Fee structure charged to hauler.	X		\$80 for DS up to 1500 gal. max. \$20 for PTW per load up to 350 gal. max.
6. *Service area (septage acceptance) description of RF defined in detail.	X		15 radial miles and 25 radial miles beginning on October 12, 2010.
7. Notice of proposed operation plan:			

Septage Waste Receiving Facility Checklist

Page 2

Name of Septage Receiving Facility:

Village of Baraga WWTP

<u>Requirement</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
7. Notice of proposed op. plan, continued:			
b) *Was it public noticed in the local newspaper?		X	Unknown - still waiting for copy.
c) Was it posted on the facility website?		X	Unknown.
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	It is in the plan however.
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		Septage only. Didn't provide data for the plant design capacity.
II) Organic capacity:	X		Septage only. Didn't provide data for the plant design capacity.
*III) Wet weather operation considerations (CSO & SSO)		X	
9. Other conditions established for the RF.	X		
*10. DNRE District Supervisor contacted via email to review plan.	X		

APPROVED 6/24/10
