



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT
LANSING



REBECCA A. HUMPHRIES
DIRECTOR

June 28, 2010

Mr. Tim Viola, Superintendent
Chassell Township Wastewater Treatment Plant
22115 Seventh Street
Chassell, Michigan 49916

Dear Mr. Viola:

SUBJECT: Chassell Township Wastewater Treatment Plant and Septage Waste Receiving Facility
Operating Plan Approval

Review of the Chassell Township 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
517-241-1328 FAX
campbellm4@michigan.gov

mc:ckp

cc: Ms. Lynn Madison, Western Upper Peninsula District Health Department, Houghton County
Mr. Steve Casey, DNRE
Mr. Chris Holmes, U.P. Engineers and Architects, Inc.

CHASSELL TOWNSHIP

SEPTAGE RECEIVING PLAN

CHASSELL TOWNSHIP SEPTAGE RECEIVING FACILITY OPERATING PLAN

Chassell Township has been and will continue to receive domestic septage waste at its lagoon facility to serve the residents of its service area as defined herein.

Receiving Facility Location

Chassell Township will accept septage at their wastewater treatment facility located along the Sturgeon River Road, Chassell Township, Michigan. Septage will be accepted for treatment into Lagoon 1 or Lagoon 2.

Hours of Operation

Chassell Township will accept septage Monday through Friday between the hours of 7:00 am to 3:30 pm and Saturday between 8:00am to 1:00 pm, for assistance call (906) 481-4000. In case of an emergency, arrangements may be made by calling the DPW Supervisor at (906) 370-8030.

Acceptable Categories of Septage

Chassell Township will accept the following categories of septage waste:

Domestic Septage – the septage pumped from home septic tanks, recreational vehicles (RV), cesspool, portable toilet, type III marine sanitation device, or similar storage or treatment works that receives only domestic sewage.

Fee Structure

The fee structure for septage discharge into the Chassell Township lagoon treatment facility is as follows:

- \$40.00 per 1,000 gallons or less of septage in a single load, charges for amounts in excess of the minimum 1,000 gallons per single load will be prorated per each additional hundred gallons at the rate of \$4.00 per hundred gallons.

Loading Capacity

Chassell Township has adequate hydraulic and organic treatment capacity to accept septage. The design receiving capacity of wastewater at the treatment facility is 250,000 gallons per day, with a current average daily flow of approximately 75,500 gallons per day. The design BOD loading is 200 mg/L or 416 lbs/day or 2,912 lbs/week. The anticipated average weekly flow of septage to be received is 5,700 gallons. Peak daily septage volume accepted is anticipated to be approximately 7,000 gallons per day. If septage accepted exceeds 5,000 gallons on any given day, septage will not be accepted on the following day (i.e. a one day rest period is required after receiving septage volume

greater than 5,000 gallons). Based on the design BOD loading, the lagoons have organic capacity to accept 22,000 gallons of septage per week, assuming a BOD concentration of 10,000 mg/L.

Service Area

The service area of the Chassell Township treatment facility is defined on the attached map. The service area as defined is restricted to the Chassell Township boundary.

Chassell Township may accept septage from areas within Houghton or Baraga County, outside the service area as defined above, on a case by case basis.

Other

Any hauler found disposing of any substance other than domestic septage may lose their right to dispose of septage at the Chassell Township lagoon receiving facility.

All haulers shall submit to random testing of their septage loads as requested by Chassell Township. Any problems encountered as a result of said sampling may result in the hauler losing their right to dispose of septage at the receiving facility.

Chassell Township reserves the right to limit/terminate the amount of gallons of septage accepted by the Chassell Township lagoon receiving facility for treatment and disposal by Chassell Township.

AFFIDAVIT OF PUBLICATION

IN THE MATTER OF NOTICE OF PROPOSED SEPTAGE RECEIVING FACILITY OPERATING PLAN CHASSELL TOWNSHIP

STATE OF MICHIGAN
COUNTY OF HOUGHTON SS

YVONNE ROBILLARD

Being first duly sworn, says that he/she is the agent of the Publisher of The Daily Mining Gazette, a newspaper published in the English language for the dissemination of local or transmitted news and intelligence of a general character and legal news, which is a duly qualified newspaper, and that annexed hereto is a copy of a certain order taken from said newspaper in which the order was published on the following dates:

MAY 22, 2010

NOTICE OF PROPOSED SEPTAGE RECEIVING FACILITY OPERATING PLAN CHASSELL TOWNSHIP

Chassell Township has received, and will continue to receive, domestic septage waste on a limited basis, in accordance with the developed operating plan.

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

Copies of the proposed septage receiving facility operating plan have been submitted to all communities served by Chassell Township, and are available for review and written comments at the Chassell Township DPW office located at 22115 Seventh Street, Chassell, MI 49916, between 8:00 a.m. to 3:00 p.m., Monday through Friday.

Written comments concerning this plan should be submitted by June 21, 2010, to attention of:

Mr. Elm Viola
Chassell Township DPW
P.O. Box 438
Chassell, MI 49916

Yvonne Robillard
Agent of the Publisher of the Daily Mining Gazette

Subscribed and sworn before me this 27th

Day of May A.D., 2010

Catherine O'Connell Ricci
Notary Public, Houghton County, Michigan

Acting in and for the County of Houghton Michigan

CATHERINE O'CONNELL RICCI
NOTARY PUBLIC, STATE OF MI
COUNTY OF HOUGHTON
MY COMMISSION EXPIRES:
AUGUST 10, 2012

**NOTICE OF PROPOSED SEPTAGE RECEIVING FACILITY OPERATING PLAN
CHASSELL TOWNSHIP**

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Mr. Tim Viola
Chassell Township DPW
P.O. Box 438
Chassell, MI 49916

SOUTHEAST PART

CHASSELL

SOUTHWEST PART

TORCH LAKE

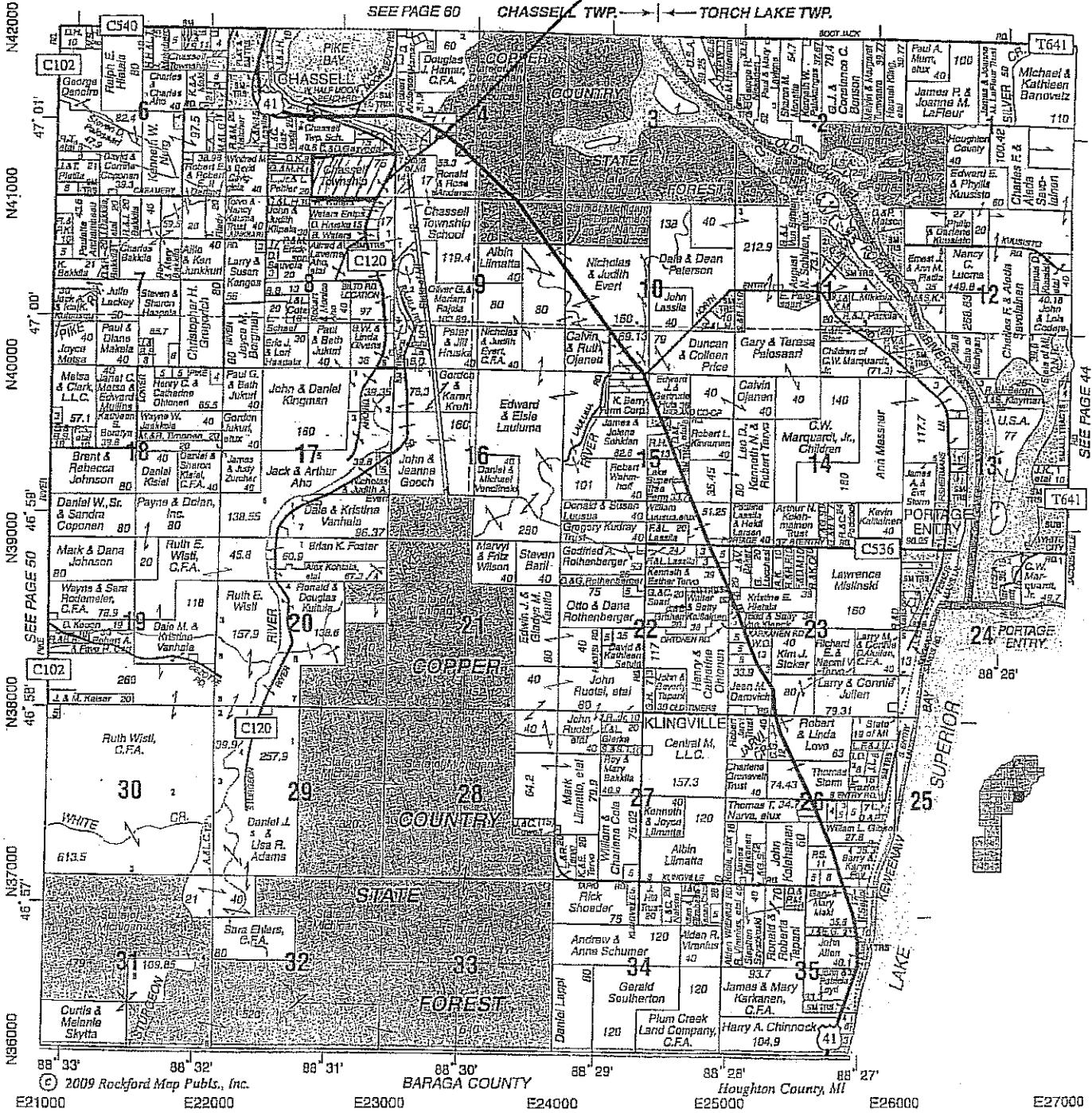
T.53N.-R.33W.

Lagoon Location

SEE PAGE 60

CHASSELL TWP.

TORCH LAKE TWP.



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167 S. WASHINGTON ST., SUITE 417
MOUNTAIN VIEW, MICHIGAN 49693
PH: 616-968-4170
F: 616-968-4171
WWW.UPEA.COM

2021 AWARD-WINNING PROJECTS

- 2021: JACOBSVILLE WATER TREATMENT PLANT, JACOBSVILLE, MICHIGAN
- 2020: GRAND RIVER WATER TREATMENT PLANT, GRAND RIVER, MICHIGAN
- 2019: BAYVIEW WATER TREATMENT PLANT, BAYVIEW, MICHIGAN
- 2018: SHELBY WATER TREATMENT PLANT, SHELBY, MICHIGAN
- 2017: STURGEON RIVER WATER TREATMENT PLANT, STURGEON RIVER, MICHIGAN

PROJECT TITLE:
SEPTAGE RECEIVING PLAN

OWNER:
CHASSELL TOWNSHIP

PROJECT LOCATION:
**STURGEON RIVER RD
HOUGHTON COUNTY
MICHIGAN**

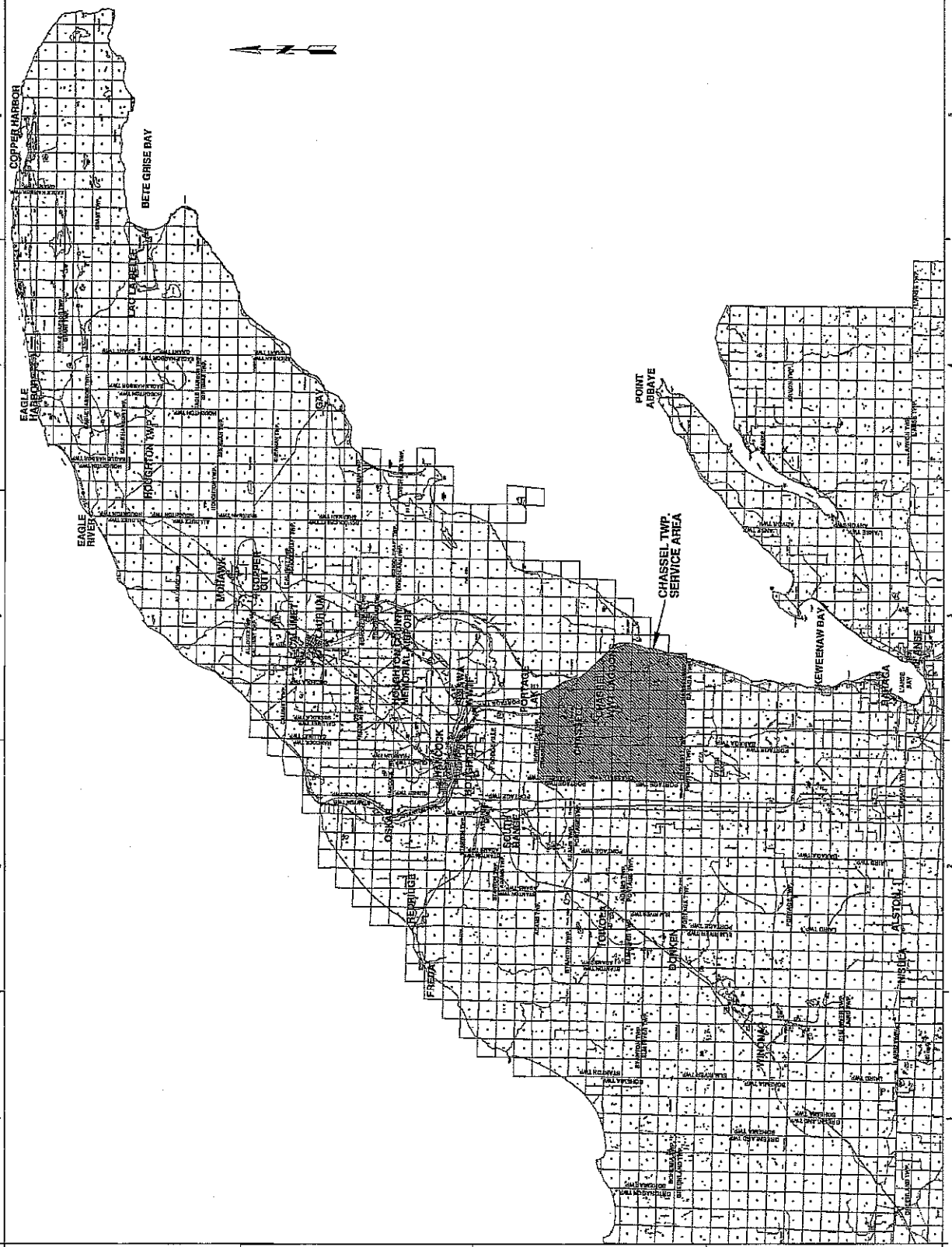
PRELIMINARY	DRAWING	DATE

PROJECT NO.: C08-29234
DESIGNED BY: CJA
CHECKED BY: CJA
APPROVED BY: CJA

**CHASSELL TOWNSHIP
SERVICE AREA
MAP**

C102

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Chassell Township Septage Waste Receiving Facility Location



The aerial above shows the location of the Chassell Township lagoons where septage waste is disposed. Note that the lagoon gates are locked and a call must be made to the DPW prior to bringing septage for disposal.



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100 WESTBROOK STREET
ANN ARBOR, MI 48106
1-800-762-9101
313-763-1200
313-763-1201

PROJECT TITLE:
**SEPTAGE
RECEIVING PLAN**

OWNER:
**CHASELL
TOWNSHIP**

PROJECT LOCATION:
**STURGEON RIVER RD
HOUGHTON COUNTY
MICHIGAN**

PRELIMINARY REVISION	DATE

PROJECT NO.:	CDS-20033
DESIGNED BY:	C.H.
DRAWN BY:	E.H.
CHECKED:	C.H.
APPROVED:	

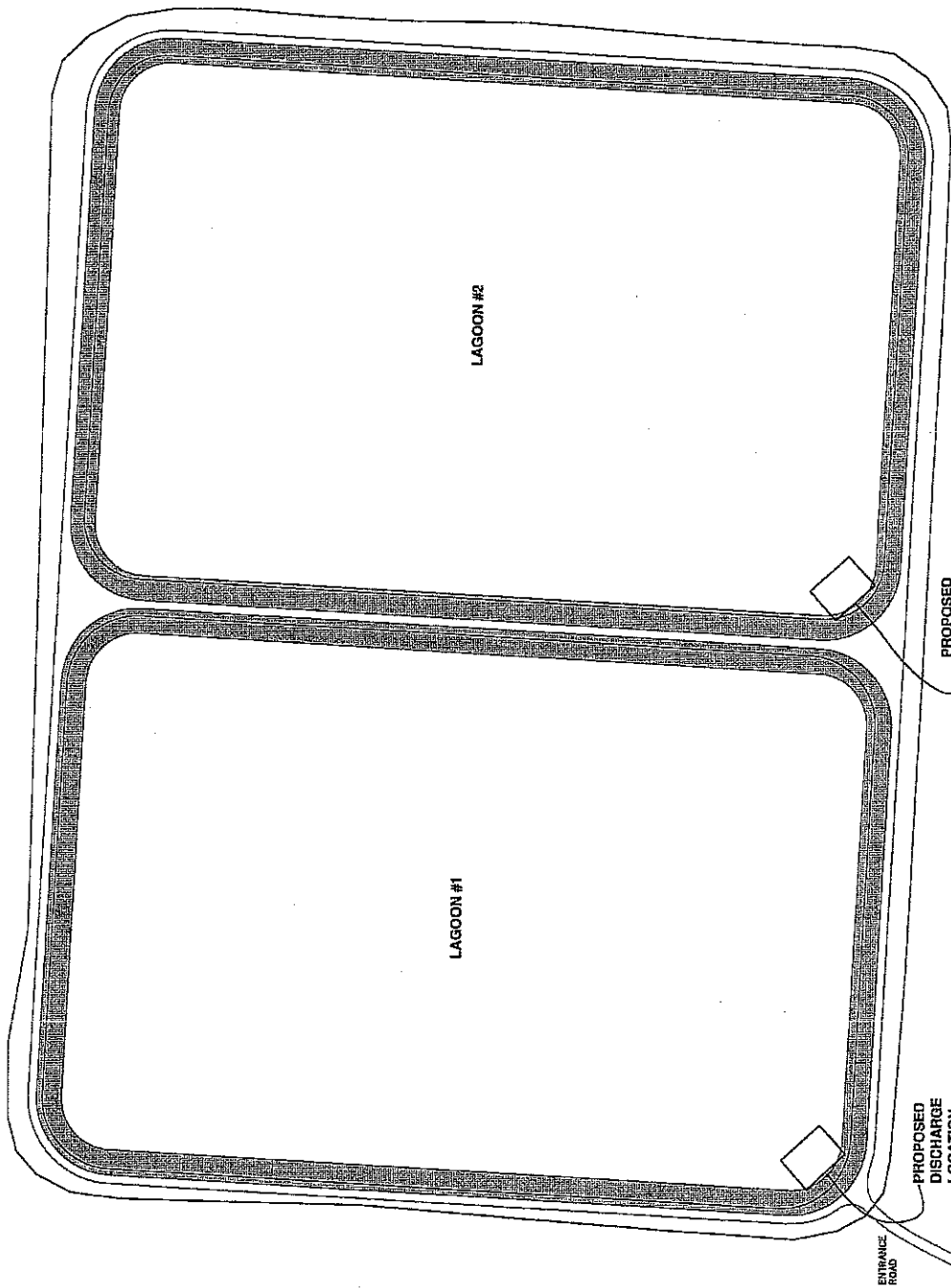
SEPTAGE
DISCHARGE
LOCATION

C-101

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SCALE: NONE

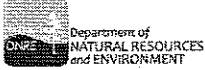


PROPOSED
DISCHARGE
LOCATION

PROPOSED
DISCHARGE
LOCATION

ENTRANCE
ROAD

811
Know what's below.
Call before you dig.



Department of Natural Resources and Environment

Septage Waste Receiving Facility Checklist

Name of Septage Receiving Facility:

Chassell Township WWSL

Houghton County, Michigan

Address of Septage Waste Receiving Facility:

Sturgeon River Road

Chassell Township, Michigan

DEQ Reviewer: Matt Campbell

Review Date: June 23, 2010

Facility Contact: Tim Viola, 22115 Seventh Street, Chassell, MI 49916

Telephone Number: 906-481-4000

Emergency Number: 906-370-8030

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		Plat map provided showing the location. DNRE provided aerial photo of the facility.
2. Hours of operation.	X		M - F, 7 a.m. to 3:30 p.m. and Sat., 8 a.m. to 1 p.m.
3. Categories of septage waste the RF will receive.	X		Domestic septage including portable toilet wastes.
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 applicable. FES is not accepted.
5. *Fee structure charged to hauler.	X		\$40/1,000 gallons
6. *Service area (septage acceptance) description of RF defined in detail.	X		Chassell Township only.
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		Western Upper Peninsula Health Department contacted.

DNRE

Septage Waste Receiving Facility Checklist Chassell Township WWSL

Review Date: June 2, 2010

<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		Copy provided.
c) Was it posted on the facility website?			Not applicable. Chassell Township does not have a website.
8. Did the notice contain the following?			
a. Statement that the RF proposed to or is currently receiving and will continue to receive septage waste for treatment.	X		
b. Statement in the notice that the proposed operating plan is available for review during normal work hours.	X		
c. A request for written comments on the proposed operation of the RF and the deadline for receipt of such comments, which shall not be less than 30 days after publication, posting, or mailing of the notice.	X		
d. Receiving facility capacity.			Anticipating 5,700 gpd of septage w/ peak flows of 7,000 gpd.
I) Hydraulic capacity:	X		Design is 250,000 gpd. Current flow is 75,500 gpd.
II) Organic capacity:	X		Design BOD is 200 mg/L or 416 lbs/day.
*III) Wet weather operation considerations (CSO & SSO)		X	
9. Other conditions established for the RF.	X		See plan for details.