



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

October 19, 2012

Mr. Ken Marklein, DPW Supervisor
City of Stephenson
W628 Samuel Street
P.O. Box 467
Stephenson, Michigan 49887-0467

Dear Mr. Marklein,

SUBJECT: Septage Receiving Facility Operating Plan Approval
City of Stephenson Wastewater Treatment Plant

Review of the City of Stephenson septage waste receiving facility (SWRF) amended operating plan by the Department of Environmental Quality (DEQ) is complete. The operating 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, and is approved.

The amended plan increases the service area from 15 to 25 radial miles.

Be advised that the City of Stephenson SWRF must operate in accordance with the approved operating 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.

Should you have any further questions please contact me at the phone number below; at campbellm@michigan.gov; or at DEQ, P.O. Box 30241, Lansing, Michigan, 48909-7741.

Sincerely,

Matt Campbell,
Septage Program Coordinator
Environmental Health Programs Unit
Environmental Health Section
Office of Drinking Water and Municipal Assistance
517-241-4178

cc: Mr. Charlie Hill, DEQ
Mr. Mike Snyder, Public Health Delta and Menominee Counties

CITY OF STEPHENSON
WASTEWATER TREATMENT PLANT
SEPTAGE RECEIVING PLAN
MAY 1, 2006

REVISED
DECEMBER 21, 2010

REVISED
JULY 19, 2011

Location of Facility: S502 Section Street
Stephenson, MI 49887

Operating Hours: 7:00 AM to 4:00 PM Monday Through Friday
Septage Accepted: 7:00 AM to 3:30 PM Monday Through Friday
With advance notice on Saturday and Sunday

Type of Materials Accepted at Facility: Domestic Septage
Portable Toilet Waste from City owned toilet

Type of Materials not Accepted: Food Establishment Septage
RV Waste
Any material found unacceptable to plant Manager

Fee Rate: Fee for disposal is set by the City at a per gallon charge for septage received at the plant. The current charge is \$.05 per gallon. The rate charged will be reviewed on at least an annual basis.

Service area is a 25 mile radius from the plant.

Rules for haulers using the Receiving Station.

The plant manager will require that all haulers register with the office when they are on Facility property.

All registered haulers shall submit to random sample testing of their loads as requested by the plant manager. Any problems detected by sampling may result in the hauler losing his ability to dispose of septage at the facility. Any registered hauler that is found disposing of any substance other than septage shall lose the privilege to use the receiving facility. This includes any substance deemed detrimental to the efficient operation of the WWTP. Any problems operating the receiving station shall be reported to the manager's office immediately at the time of the problem.

In the event of a spill at the receiving station, the hauler will remain at the station until the managers office has been notified and possible cleanup is completed. Failure to comply will result in the hauler losing the right to dispose of septage at the facility.

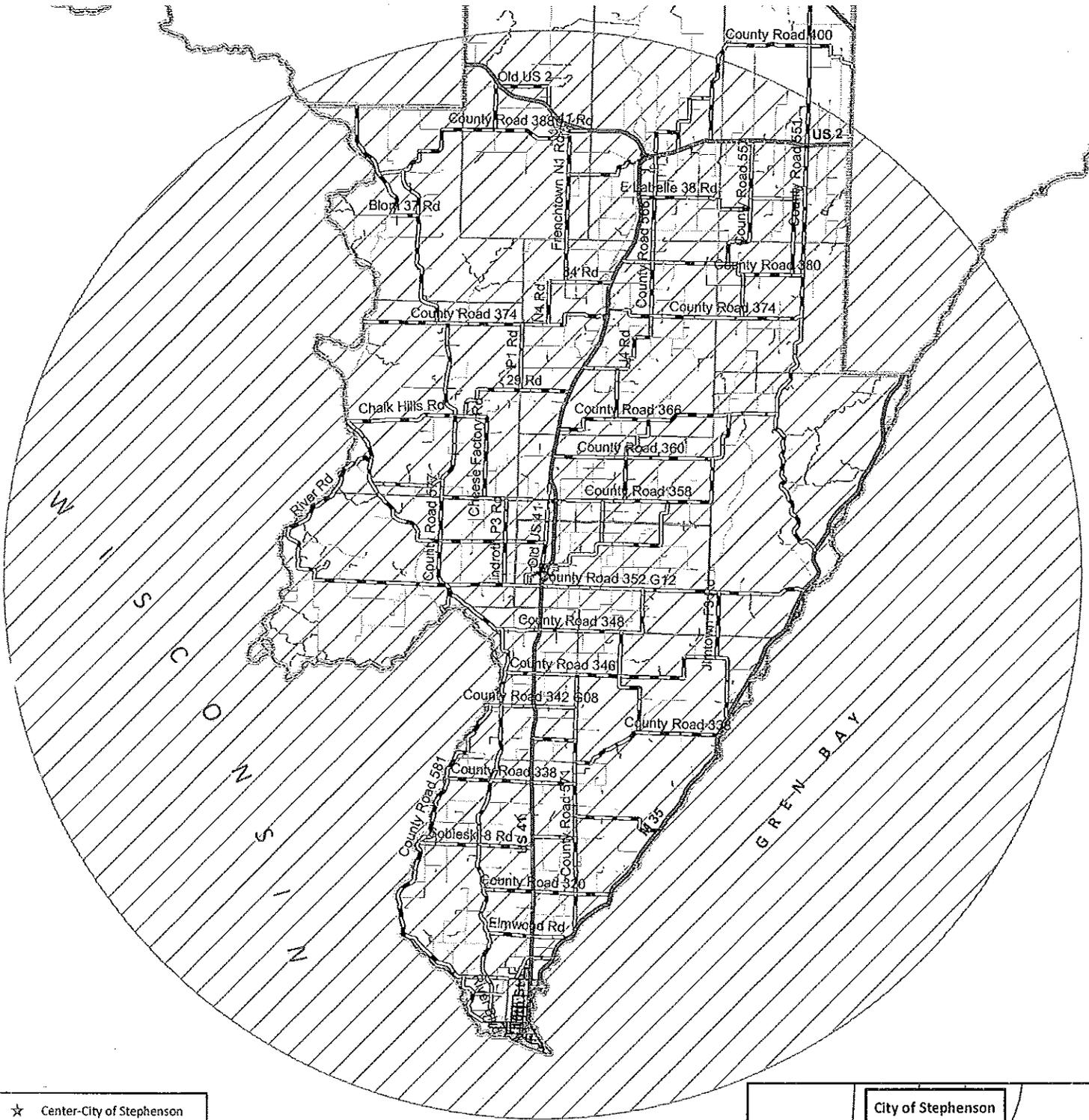
The manager reserves the right to limit the amount of gallons that are delivered to the receiving station for treatment by the City. Summer and winter receiving may vary with the ability of the receiving station to accept septage. The receiving of septage shall be governed by the manager as to the ability of the Plant to treat and dispose of the Biosolids generated by the receiving of septage waste. The loading from the septage will be monitored by the manager and regulated according to the rated capacity of the plant to treat such waste and to obtain the best possible treatment of the waste received.

City of Stephenson
Ken Marklein

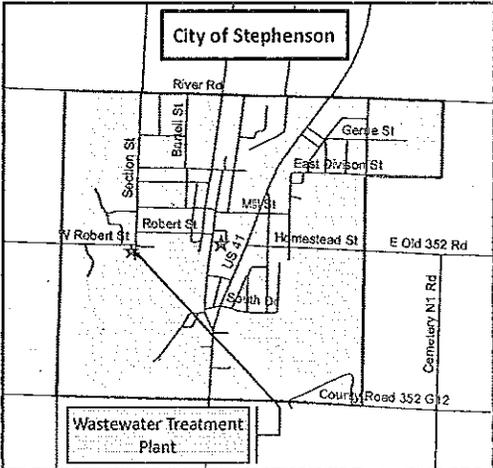
DPW Supervisor

City of Stephenson

Wastewater Treatment Plant
25 Mile Buffer



- ★ Center-City of Stephenson
- 25 Mile Buffer
- Roads**
- LEGALSYST**
- ≡ State Trunkline
- ≡ County Primary
- ≡ County Local
- ∨ City Major
- ∨ City Minor
- ∨ Uncertified with a Funclass
- ▭ County Boundary
- ▭ Township Boundary
- ▭ City of Stephenson



Municipal Building (906) 753-6228
Dept. of Public Works (906) 753-4769
Police Dept. (906) 753-4006
FAX (906) 753-4726
TDD (800) 649-3777

Mayor Lowell Bengry

City of Stephenson

W628 Samuel St. • PO Box 467. Stephenson, MI 49887-0467

Mr. Matthew Campbell
Septage Program Coordinator
On-Site Wastewater Unit
Solid Waste and Land Application Section
Environmental Resource Management Division

RECEIVED
DEPT. NATURAL RESOURCES & ENVIRONMENT

NOV 10 2010

ERMD-SWLAS

Dear Mr. Campbell:

In response to your email dated October 27, 2010, I have the following information:

1. Our facility is located at S502 Section Street, Stephenson, MI 49887. (see attached map)
2. We accept septage Monday through Friday from 7:00 AM to 3:30 PM, and weekends with advance notice.
3. We are currently accepting domestic septage and Porta John septage from the City owned Porta John.
4. We do not accept FES.
5. Our rate is 5 cents per gallon.
6. Enclosed is a GIS map of the proposed coverage area. If you need it electronically I can email it to you.
7.
 - a) Attached is a list of all legislative bodies contacted, including the Delta-Menominee Health Department. 900 10th Ave. Menominee, MI 49858.
 - b) Public notice was in the local paper. Notice attached.
 - c) The Treatment plant does not have a Website.
8.
 - d. II. I transposed the numbers on this one. It should be 150 lbs/BOD5/day.
 - III. The City of Stephenson is 100% sanitary/storm sewer separated.
10. We will send copies to Steve Casey of what we are sending to you.

DNRE

NOV 09 2010

ENVIRONMENTAL RESOURCE
MANAGEMENT DIVISION

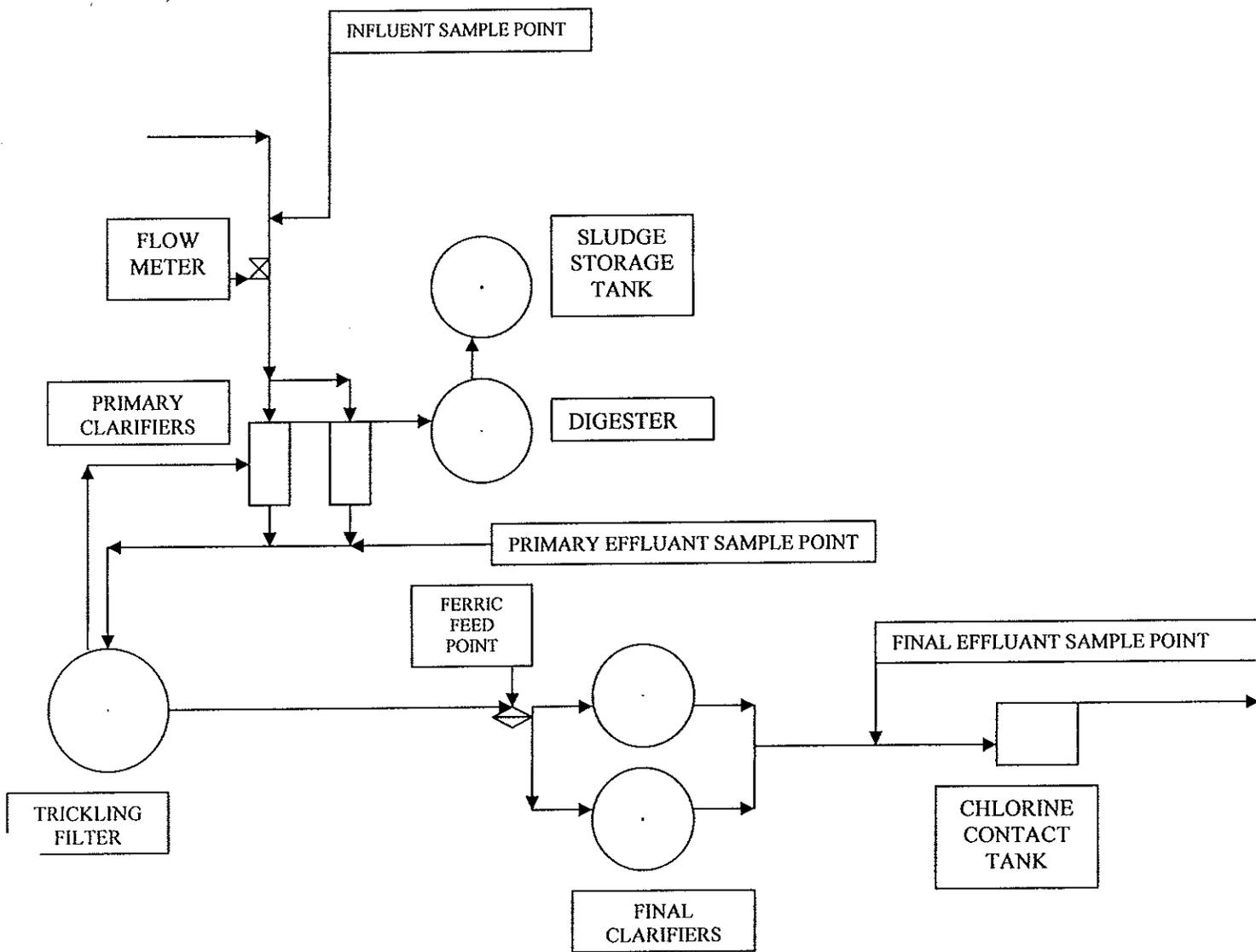
11. There were no comments from the public notice.

If you have any questions, please contact me at 906-753-4769 or by e-mail.

Thank You.

A handwritten signature in cursive script that reads "Ken Marklein".

Ken Marklein
DPW Supervisor
City of Stephenson
P. O. Box 467
Stephenson, MI 49887



**CITY OF STEPHENSON
WASTEWATER TREATMENT FACILITY
FLOW DIAGRAM**

Wastewater enters the Treatment plant from the East where it enters a channel and proceeds through a grinder. After the grinder, it then is sampled and goes through a flow meter.

Water then enters the Primary Clarifiers. From the Primary Clarifiers, it enters a collection pit where it is sampled and then is pumped to the Trickling Filter. Raw sludge is pumped from the Primary Clarifiers twice a week at the rate of approximately 2000 Gallons per week.

From the Trickling Filter, water is pumped to the Final Clarifiers. Ferric Chloride is added along the way. The clarified water is sampled after leaving the Final Clarifiers.

From the final Clarifiers, water is pumped to the Chlorine Contact Tank where Sodium Hypochlorite is added for disinfection. The water then flows over weirs into a channel where Sodium Bisulfite is added.

From the channel, water flows into the outfall piping to the Little Cedar River.

There is no flow meter at the discharge end of the plant so we estimate that the discharge flow is equal to the influent flow.

Village of Carney
W302 G 18
Carney, MI 49812

Lake Township
Cr 577 & G12
Stephenson, MI 49887

Village of Daggett
W200 School Road
Daggett, MI 49821

Mellen Township
P. O. Box 85
Wallace, MI 49893

Cedarville Township
Old Mill Road & M 35
Cedar River, MI 49813

Menominee Township
2283 O-1 Drive
Menominee, MI 49858

Daggett Township
E103 Co. Rd. 348
Daggett, MI 49821

Nadeau Township
273 US 41
Carney, MI 49812

Gourley Township
N13407 Co. Rd. 551
Wilson, MI 49896

City of Stephenson
W628 Samuel Street
Stephenson, MI 49887

Harris Township
W905 US 2-41
Wilson, MI 49896

Holmes Township
Rt 2
Daggett, MI 49821

Stephenson Township
W4894 Old 352 Rd
Stephenson, MI 49887

Ingallston Township
W3790 Town Hall Road
Wallace, MI 49893