

Campbell, Matthew (DNRE)

From: Campbell, Matthew (DNRE)
Sent: Thursday, December 16, 2010 1:10 PM
To: 'Tom Gillenwater'
Cc: Burutolu, Ebinimi (DNRE)
Subject: Rollin & Woodstock SWRF Amended Operating Plan Approval

Dear Mr. Gillenwater:

SUBJECT: Septage Receiving Facility Operating Plan Approval
Rollin & Woodstock Wastewater Treatment Plant
Septage Waste Receiving Facility

Review of the Rollin & Woodstock 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."

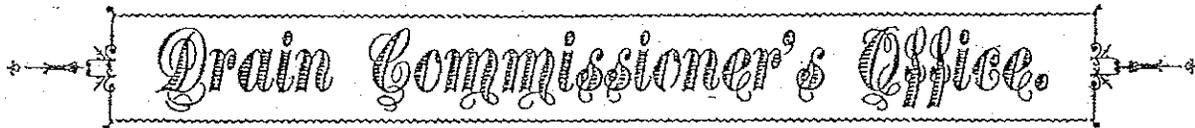
The Rollin & Woodstock SWRF must operate in accordance with the approved plan. If a change in operations or conditions (including fees charged to treat septage waste) is anticipated, please file an amendment to the plan at least thirty (30) days prior to the proposed date for implementation.

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,

Matthew Campbell
Septage Waste Program Coordinator
Solid Waste and Land Application Section
Onsite Wastewater Unit
Environmental Resource Management Div. - MDNRE
517-335-4178
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LENAWEE COUNTY



Stephen R. May
Commissioner

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Jennifer L. Escott
Deputy

December 15, 2010

Mr. Matthew Cambell
Sewage Program Coordinator
On Site Water Unit
Solid Waste and Land Application Section
Environmental Resource Management Division

Dear Mr. Campbell

Subject: Department of Natural Resource and Environmental Septage Receiving Facility
Operating Plan Amendment for service Area Expansion.

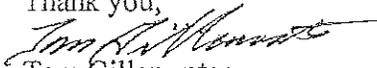
The Rollin Woodstock WWTP would like to amend the SWRF Operating Plan to include the following changes.

1. page 1, - Superintendent, Jack Dillon to Tom Gillenwater
2. page 1, - #3 The septage receiving service area will increase to a 25 mile radius from the plant on January 1, 2011.
3. page 3, - #4 Fee Structure

Each hauler will be charged \$70.00 per 1,000 gallons or \$.07 cents per gallon.

- a. \$30.00 – operation and maintenance.
- b. \$27.00 – debt service on loan.
- c. \$10.00 – tank storage lease R W WWTP.
- d. \$3.00 – Miscellaneous.

Thank you,


Tom Gillenwater
Sewer & Water Superintendent

OPERATION PLAN TO RECEIVE SEPTAGE AT THE ROLLIN & WOODSTOCK WASTEWATER TREATMENT PLANT

The Rollin & Woodstock Wastewater Treatment Plant receives domestic sewage from the townships of Rollin and Woodstock and the Village of Addison, as well as domestic septage from Lenawee County and Hillsdale County. The Plant is operated by the Lenawee County Drain Commissioner, under the authority of the Rollin & Woodstock Sanitary Drain Drainage Board. Tom Gillenwater is the current Superintendent. The septage is trucked to the septage receiving facility by independent haulers.

The State of Michigan has amended Part 117 of the Septage Waste Services of the Natural Resources and Environmental Protection Act, 1994, P.A. 451, to require the development of an Operating Plan describing the receipt of septage wastes. This plan is submitted in response to this requirement.

1.) The Rollin & Woodstock WWTP service area and capacities.

The Rollin & Woodstock WWTP is located at 6100 Sorby Road, Addison, Michigan 49220. The Rollin & Woodstock Plant (R-W WWTP) receives sewage from Devils Lake and Round Lake areas located in the townships of Rollin and Woodstock and the Village of Addison.

The R-W WWTP is regulated under NPDES permit M10027669 and is authorized to treat a maximum flow of 1.2 MGD with a peak flow of 3 MGD.

2.) Domestic Septage Waste

The R-W WWTP will receive domestic septage from the counties of Lenawee and Hillsdale in accordance with State laws. No other type of septage will be received at the R-W WWTP including, food establishment, commercial, portable toilet, or recreational vehicle waste.

3.) Service Area of Septage

The R-W WWTP will receive septage primarily from Lenawee County and Hillsdale County. State Law requires any septage hauler pumping septage within 15 miles of the R-W WWTP, and the hauler does not have 50,000 gallons of storage and can not land apply they are required to bring that septage to R-W WWTP receiver station. The septage receiving service area will increase to a 25 mile radius from the plant in January 1, 2011.

**OPERATION PLAN TO RECEIVE SEPTAGE AT THE
ROLLIN & WOODSTOCK WASTEWATER TREATMENT PLANT**

4.) Other Conditions for Receiving Septage Waste

The following additional conditions have been established for the receipt of septage waste.

- a. All trucks must be licensed through the Michigan Department of Environmental Quality (MDEQ) as a condition of applying for permission to discharge.
- b. Each truck must have a written chain of custody to verify where the septage was pumped and to confirm origin of the septage.
- c. All trucks shall be equipped to connect to the R-W WWTP receiving facility station.
- d. Each company will pre-apply for permit to discharge to the plant, so that R-W WWTP can keep track of gallons unloaded, feed rates to the screen.
- e. The R-W WWTP may withhold discharge at any time should plant conditions warrant or if it has received the maximum amount for that day.
- f. The maximum discharge limit for a single day will be 18,000 gallons, Monday through Friday, 7:30 a.m. to 4:00 p.m. except holidays.
- g. The R-W WWTP may receive more than 18,000 gallons per day on an emergency basis. The additional septage will be diverted to one of two gravity sludge thickeners, and processed during the weekend or during slow periods.
- h. At no time will septage be allowed to deteriorate the discharge quality of the plant process. Only the dewatering (supernatant) will be allowed back to the head works of the plant. The septage will be kept separated from the normal operation of the plant to receive sewage from the Townships and the Village.
- i. The Card access will allow the R-W WWTP to monitor the septage flow and provide information for billing and prevent unauthorized use.
- j. Should R-W WWTP have a problem, flow or septage or supernatant would be sent to the EQ basin for pre-treatment.

**OPERATION PLAN TO RECEIVE SEPTAGE AT THE
ROLLIN & WOODSTOCK WASTEWATER TREATMENT PLANT**

5.) Fee Structure to Dispose of Septage for Treatment

Each hauler will be charged \$70.00 per 1,000 gallons or \$.07 cents per gallon.

- a. \$30.00 – operations and maintenance
- b. \$27.00 – debt service of loan
- c. \$10.00 – tank storage lease – R-W WWTP
- d. \$3.00 – miscellaneous

6.) Odor Control

Plant has had no odor problems, the screen and primary digesters will be covered, and odor control measures will be installed if needed.

7.) Screenings

All screening are washed with plant non-potable water in the screen, placed in plant drying beds to dry and will be taken to land-fill.

Rollin Woodstock WWTP 25 mile radius



1 in = 7 miles

