

September 14, 2018

Re: Permit MI0022918v5.0

Site: Essexville, MI CSO/RTB

Subject: Federal CSO Notification Rule-Federal CSO Public Notification Plan

1. History: The City of Essexville operates a sewage pumping station at 1008 Burns Street that transfers all sewage from the City to the West Bay County Wastewater Treatment Facility. The City maintains a 1.2mg RTB with a single outfall to the Saginaw River. In the event of rainfall exceeding the transfer pumps capacity of 3,500gpm the 5 storm pumps will move the excess combined sewage to the RTB where it is treated with liquid chlorine and stored in the event the capacity of 1.2mg is exceeded in which case an overflow begins into the Saginaw River. The overflows are measured by a system of computer operated flow sensors located in the CSO outfall. These sensors record the time of the overflows and volume in gallons and are permanently recorded on retrievable data loggers and also on the main PLC 's located in both the storm water control room and the raw sewage control room. The CSO basin levels are monitored by a level transmitter located in both the south and north basins providing constant level data to the Operator. This combination of transmitters and data loggers provides instantaneous information. This data is used to provide overflow volume notification to the local DEQ office and the others listed in the following notification list.

2. Procedures: There is signage located at the Saginaw River outfall notifying the public of the following;

- THE LOCATION OF SIGNAGE IS: SMITH PARK, 1008 BURNS ST, ESSEXVILLE, MI. THE SIGN IS APPROXIMATELY 600 FEET WEST OF THE PARK BOAT LAUNCH AND IS DISPLAYED AT THE DISCHARGE POINT OF THE CSO INTO THE SAGINAW RIVER. THIS SIGN IS CONSTRUCTED OF MDOT APPROVED HIGH VISIBILITY/REFLECTIVE MATERIAL. THIS IS THE ONLY DISCHARGE CSO DISCHARGE POINT FROM THE ESSEXVILLE RETENTION BASIN. THIS SINGLE SIGN IS INSPECTED AND MAINTAINED BY THE PUBLIC WORKS DEPARTMENT. EACH WEEK SMITH PARK IS MAINTAINED ON FRIDAYS BY THE DPW TO CLEAN THE PARK INSPECT THE DOCKS AND CHECK THE FACILITIES.
- "CITY OF ESSEXVILLE CSO DISCHARGE POINT"
- "NPDES PERMIT #MI0022918"
- "DURING STORMS TREATED WASTEWATER MAY BE DISCHARGED AND MAY CONTAIN PARTIALLY TREATED SEWAGE AT THIS OUTFALL"

- “CONTACT INFORMATION: ESSEXVILLE CITY HALL 989-893-7192”
- “AFTER HOURS EMERGENCY – 989-737-8094 ASK FOR THE DPW ON CALL PERSON AND REPORT THE EMERGENCY”

3. Within 4 hours (or less) of the overflow event, notice will be provided to the following:

- The DEQ MiWaters account for the City of Essexville
- The Bay County Health Department 989-895-4009. At the present time the Health Department is not open on weekends to receive discharge samples. We are able to refrigerate and store samples if the overflow occurs on a Sunday for delivery to the Health Department on Monday morning. Samples taken on Friday through Saturday are analyzed by our lab and the results indicated on the monthly EDMR. However our testing lab can provide fecal counts on a 24/7 basis. The sampling procedures for the Saginaw River consist of 3 above stream and 3 downstream samples taken as per Health Department requirements. A copy of this Plan has been furnished to the Bay County Health Department Director for review and comment.
- The Department of Environmental Quality 800-662-9278
- Bay City State Park 989-684-3020
- Local Newspaper- Valley Farmer 989-893-6507
- Bay County WWTP 989-684-3883
- Posting of overflows shall contain the date of the overflow the time the overflow began and ended and the volume of the overflow in gallons.
- Posting to be in a public location at City Hall on the bulletin board at 1107 Woodside Ave, Essexville, MI 48732 and the City of Essexville web site www.essexville.org.
- When the monthly DMR Report (MIWATERS) is completed and sent to the DEQ a copy is included in the Essexville City Council packets and Council is briefed on the event by the Public Works Director. The monthly EDMR also will have the details of the overflow report as well as the Report of Discharge sent to the local DEQ office.
- Notifications are normally via email but on occasion phone contact may also be utilized. If events are during working hour’s phone contact is preferred but after hours and weekends or holidays emails will meet the

4 hour compliance requirement. Initial notification and final overflow ceasing times and volumes are required also by the local DEQ office as well as the Overflow Discharge Report. The supplemental notice of the cessation of the overflow will be sent to the contact list as noted in Item 3 above. This notice shall be given within a maximum of 7 days. These notifications are posted by the Public Works Director, the Operator in Charge (OIC), the City Clerk and or the Administrative Assistant.

- The Operator in Charge (OIC) or the Public Works Director is responsible for the notifications as well as the operations of the storm pump system and the gathering of the required lab samples. Notifications are considered a priority and as such all required parties shall be made aware of discharges as soon as possible. The OIC will strive to notify all parties with the first hour of the discharge if possible.
- This Public Notification Plan is located on the City of Essexville web site www.essexville.org and is available as a hard copy from the City Clerk at City Hall 1007 Woodside Ave, Essexville, MI 48732. A copy is also available by a mail request to the City Clerk at the above address or by calling the Clerk at 989-893-2441.

4. The City of Essexville participates with the DEQ by providing this report annually for posting on the DEQ web site. No later than May 1, of each year a link will be placed on www.essexville.org directing the reader to view the annual DEQ report at NPDES_CS0@epa.gov. The current Essexville Plan will be updated to include any changes made to the Plan including a description of all comments and recommendations from the Local Health Department concerning the updated Plan.

Daniel J. Hansford
Public Works Director
City of Essexville

