

Report of Discharge (CSO\SSO\RTB)

version 1.11

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Date: 2020.05.19 13:49:00 -04:00
Reason: Copy Of Record
Location: State of Michigan

(Submission #: HNZ-VZ21-7J5GD, version 1)

Details

Form Alias Report of Discharge (CSO\SSO\RTB)

Submission # HNZ-VZ21-7J5GD

Status Submitted

Form Input

Report Details

Is this the initial or final discharge report?

Initial

Site/Facility Name:

Lake Mitchell Sewer Authority (former Wexford Co DPW) CM

Permit Number (if applicable):

NONE PROVIDED

Sewer System or Treatment Facility Owner

Organization Name

Lake Mitchell Sewer Authority

Phone Type **Number** **Extension**

Business 2317750155

Email

operationsoffice@lakemitchellsewer.com

Fax

2317750156

3161 South Lake Mitchell Drive

Cadillac, MI 49601

US

Facility Address

3161 South Lake Mitchell Drive

Cadillac, MI 49601

Sewer System or Treatment Facility Owner Location

44.2298,-85.5088

3161 South Lake Mitchell Drive, Cadillac, MI

Discharge Details (1 of 1)

SSO Discharge from Lift Station 1B

Discharge Type:

SSO Discharge

SSO Discharge

The reported discharge is from a private or municipal separate sewer collection system (not a wastewater treatment plant) during wet or dry weather, or a dry weather discharge from a municipal combined sewer collection system.

Is the outfall or discharge area located at a private residential address?

NO

Outfall or Discharge Area Name

Lift Station 1B

Outfall or Discharge Area Description

Lift Station 1B on East Lake Mitchell Drive

Outfall or Discharge Area Location

44.25919870000001,-85.46874009999999

Has the discharge ended?

YES

Volume Discharged	Unit	Was the volume estimated?
1325	Gallons	Yes

Quality of Discharge

Diluted Raw Sewage

Please describe the discharge, including the reason for Discharge

On Monday, May 18, 2020, the auto-dialer system alerted staff of a high-water situation at SPS 1B. Upon arrival, the technicians observed the level in the wet-well was extremely high. The Sewer Technicians, pumped and hauled approximately 1,150 gallons of sewer and attempted to mitigate the incoming flow from SPS 2B. At the time of the SSO, there was a heavy rain event. Over a two-day period there was 3.74" inches of precipitation. There is approximately, a 100 connections that have been identified as a high priority area for illegal sump pump connections and have documented VI issues with EGLE previously. The technicians monitored the area and logged each SSO. The Technicians trenched the flow and sandbagged the area to mitigate any exposure to the adjacent road and public exposure. I will include the logged times of the SSO.

Was the land or surface water impacted by the discharge?

Both land and water impacted

Name of Surface Water(s) Impacted:
East Lake Mitchell swamp located directly East of the lift station

Name/description of the land impacted:

Surrounding ground adjacent to the lift stations cement pad

Discharge Event Start

Date	Time
5/18/2020	12:28 pm

Discharge Event End

Date	Time
5/18/2020	04:12 pm

Initial Notification

Organization	Date	Time
Local Health Department	5/19/2020	12:20 am
Daily Local Newspaper	5/19/2020	12:20 am

Notification that discharge has concluded.

Organization	Date	Time
Local Health Department	5/19/2020	12:20 pm
Daily Local Newspaper	5/19/2020	12:20 pm

Precipitation Type(s) (Select none if there was no precipitation)

Rain

Has the precipitation ended?

YES

Precipitation

Start Date	Start Time
5/17/2020	09:00 am

Precipitation Amount (Inches)	Precipitation End Date	Precipitation End Time
3.74	5/19/2020	04:00 am

Precipitation comments

Consistent to heavy rain in the Cadillac area over a two-day period.

Was this discharge disinfected to meet fecal coliform limitations?

NO

Additional Details

Report Submitter

Prefix

NONE PROVIDED

First Name Last Name

Sheila Hill

Title

Project Manager

Organization Name

Lake Mitchell Sewer Authority

Phone Type Number Extension

Business 2317750155

Email

operationsoffice@lakemitchellsewer.com

Fax

2317750156

3161 South Lake Mitchell Drive

Cadillac, MI 49601

US

Do you have any additional comments or uploads you would like to provide?

YES

Additional Information

Log times and duration of discharges. 12:28 p.m. - 12:34 p.m. (6 mins), 12:45 p.m. - 12:50 p.m. (5 mins), 12:54 p.m. - 12:57 p.m. (3 mins), 1:00 p.m. - 1:11 p.m. (11 mins), 1:15 p.m. - 1:19 p.m. (4 mins), 1:28 p.m. - 1:34 p.m. (6 mins), 1:37 p.m. - 1:39 p.m. (2 mins), 1:45 p.m. - 1:50 p.m. (5 mins), 1:53 p.m. - 1:55 p.m. (2 mins), 2:38 p.m. - 2:39 p.m. (1 min), 3:20 p.m. - 3:24 p.m. (4 mins), 4:00 p.m. - 4:01 p.m. (1 min), 4:09 p.m. - 4:12 p.m. (3 mins). The miwaters website was performing maintenance on their website, so staff was unable to do the initial notification. Staff contacted EGLE via phone and informed the agent of the SSO at approximately 2:30 p.m. It should also be noted, the wastewater flows have increased since COVID-19. This is assumed to be related to the additional people not in school and working from home during the day. During this time, staff has observed an increase in residents returning to their vacation homes earlier and staying for a longer period of time. Staff has also observed additional people at some locations as well. SPS 1B flows into the wastewater metering station at the North M-115 location. The wastewater flow for yesterday was 264,833 gallons. The day before was 104,915 gallons. Daily flow averages from last year at this metering station, were 87,423. The local Health Department was contacted and required LMSA to pull a surface sample. The Cadillac Wastewater Treatment Plant will preform an 18 hr. test. LMSA should have the results on May 20, 2020.

Upload additional information, as needed.

IMG_1247 (002).jpg - 05/19/2020 01:10 PM

IMG_1249 (002).jpg - 05/19/2020 01:16 PM

Comment

NONE PROVIDED

Status History

	User	Processing Status
5/19/2020 9:28:28 AM	Sheila Hill	Draft
5/19/2020 1:48:47 PM	Sheila Hill	Submitted