

April 14, 2019

**Mr. Richard Conforti**

Environmental Engineer  
Office of Waste Management and Radiological Protection  
Department of Environmental Quality  
PO Box 30241  
Lansing, MI 48909-7741

RE: *Quarterly Status Report –January 2019 – March 2019*  
*Coldwater Road Landfill*  
*1245 East Coldwater Road, Flint, MI*  
*MID 005 356 860*  
FILE: 15388/72202/Docs

Dear **Mr. Conforti**:

In accordance with requirements of the approved Post-Closure Care Plan, we are providing you with this Quarterly Status Report for the first quarter 2019 for activities related to post-closure care for the landfill. The status of on-going Site characterization and interim measures are not included in this report.

**1. Work Completed This Reporting Period**

- » Dewatering of the leak detection vaults occurred on January 16, 2019, February 12, 2019 and March 12, 2019.
- » The annual Groundwater Monitoring, Leak Detection System (LDS) and Landfill Inspection reports were prepared and submitted to the MDEQ on February 27, 2019.
- » Sampling of accumulated liquids was conducted on February 12, 2019, and the results will be presented in the first quarter 2019 Periodic Report on Continued Compliance due to the City of Flint on or before April 28, 2019, and will be provided to you via email.
- » Discharge of liquids from the accumulation tank occurred on March 11, 2019 and March 12, 2019. Breakthrough samples were collected from GAC vessels.
- » The first quarter 2019 site inspection occurred on March 28, 2019 and March 29, 2019.

**2. Summaries of Findings**

- » None.

**3. Summaries of Changes**

- » None.

**4. Summaries of all Contact with Local Community**

- » None.

**5. Summaries of all Problems**

- » None.

## 6. Actions Being Taken to Rectify Problems

» None.

## 7. Changes in Personnel

» None.

## 8. Projected Work

- » Dewatering of the leak detection vaults is scheduled for April 17, 2019, May 15, 2019, and June 12, 2019.
- » The annual leak detection and groundwater monitoring will be conducted in June 2019.
- » Sampling and discharge of accumulated liquids will be conducted as needed.
- » The second quarter 2019 site inspection will be conducted in June 2019.

## 9. Reports/Data

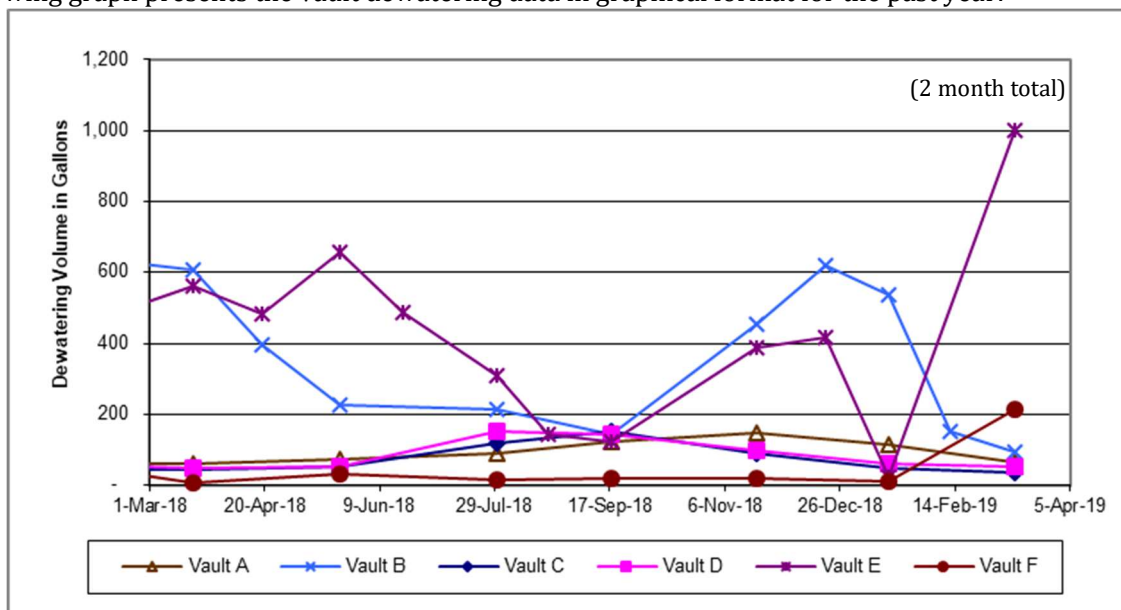
» The following table presents the vault dewatering and monthly leachate sump data for the first quarter:

DATE 2018	GALLONS LEAK DET A	GALLONS LEAK DET B	GALLONS LEAK DET C	GALLONS LEAK DET D	GALLONS LEAK DET E	GALLONS LEAK DET F	TOTAL LEAK GALLONS	MONTHLY SUMP VOLUMES GALLONS
16-Jan-18	113*	536	49*	62*	25	10*	795	946
Feb-18		153					153	600
12-Mar-18	65*	93	37*	52*	1,001*	213*	1,461	1,269
<b>TOTAL</b>	<b>178</b>	<b>782</b>	<b>86</b>	<b>114</b>	<b>1,026</b>	<b>223</b>	<b>2,409</b>	<b>2,815</b>

\* Indicates 2 month totals.

Total volume of water removed from the vaults during the first quarter was 2,409 gallons. According to the master flow meter and discharge records, a total of 2,815 gallons were pumped from the sumps during the first quarter.

The following graph presents the vault dewatering data in graphical format for the past year:



## 10. Active Task 2018 Budget Status

- » Task 1 – Continue Ongoing OMM: 25% complete, 32% of 2019 budget due to completing a higher portion of the 2018 annual reporting in the first quarter 2019.
- » Task 4 – Fe & Mn Delineation: 0% complete, 0% of 2019 budget.
- » Task 6 – Agency Coord./Negotiation & Reporting: 9% complete, 9% of 2019 budget.
- » Task 7 – Project Management & Coordination: 25% complete, 20% of 2019 budget.
- » Task 10 – Vapor Intrusion: 0% complete, 0% of 2019 budget.
- » Task 31 – PFAS Site Characterization: 20% complete, 14% of 2019 budget.
- » Task 32 – PFAS - Risk/Exposure Pathway Analysis: 0% complete, 0% of 2019 budget.
- » Task 33 – PFAS - Remedy/Interim Measure Evaluation: 95% complete, 95% of 2019 budget.
- » Task 35 – PFAS - Remedy/Interim Measure Design: 10% complete, 10% of 2019 budget.
- » Task 36 – PFAS - Remedy/Interim Measure Implementation: 33% complete, 54% of 2019 budget (additional budget may be required to complete measures not anticipated in the approved 2019 budget request).
- » Task 37 – PFAS - Operation, Maintenance & Monitoring (OMM): 20% complete, 5% of 2019 budget.

Please call me at 313-333-0211 if you have any questions.

Very truly yours,

**O'BRIEN & GERE ENGINEERS, INC.**



Clifford Yantz  
Senior Hydrogeologist

cc: Mr. Grant Trigger – RACER Trust  
Mr. David Favero – RACER Trust  
Mr. Kevin Schneider – O'Brien & Gere