

# ENVIRONMENTAL SAMPLING CORPORATION

*Dedicated to Environmental Monitoring, Science & Technology*

July 19, 2022

Ms. Beth Stroik  
Milwaukee Metropolitan Sewerage District  
Industrial Waste Department  
260 West Seeboth Street  
Milwaukee, WI 53204

**Re: Emerald Park Landfill  
Wastewater Discharge Permit No. 8.08  
Periodic Compliance Report – Second Quarter 2022**

Dear Ms. Stroik:

On behalf of Emerald Park Landfill (EPL), Environmental Sampling Corporation is submitting the Second Quarter 2022 Periodic Compliance Report (Attachment 1). This compliance report is being submitted in accordance with Part 3.01 of the current facility discharge permit. During this monitoring period, one spilt sample was collected in conjunction with the MMSD sampling event on June 14, 2022. These results are summarized in the compliance report; as directed by MMSD, a hard copy of the laboratory report is not required. There were no exceedances of the discharge permit limits during the reporting period. No additional monitoring was required during the reporting period in accordance with Discharge Permit 8.08.

As required by Part 3.01 subpart (2), this periodic compliance report contains the average and maximum flow rates. No wastewater volumes were hauled off-site during Second Quarter 2022.

This information satisfies the reporting requirements for the Second Quarter 2022 discharge period. If you have any questions or comments regarding this submittal, please contact Dan Otzelberger of Emerald Park Landfill at (414) 788-1281 or the undersigned at (414) 427-5033.

Sincerely,  
Environmental Sampling Corporation



Tracy Ipavec  
Sr. Environmental Specialist

Enclosures

cc: Dan Otzelberger – EPL (electronic copy)  
Tim Curry – GFL Environmental-Midwest (electronic copy)  
Kari Rabideau – GFL Environmental-Midwest (electronic copy)  
Chad Siegle – EPL (electronic copy)  
Kyle Brickler – EPL (electronic copy)  
EPL File Copy  
Mark Torresani – Tetra Tech (electronic copy)  
Nick Dykstra – Tetra Tech (electronic copy)  
EPL Standing Committee (electronic copy)  
Jo Spear – JSA Environmental (electronic copy)  
Frank Perugini – ESC (electronic copy)



**Emerald Park Landfill, LLC  
Wastewater Discharge Permit No. 8.07  
Periodic Compliance Report – Second Quarter 2022**

**Certification:**

*To the best of my knowledge, my facility does not discharge the pollutants prohibited by sec. 11.202(13), MMSD Rules, at levels above the limits established in sec. 1.02, MMSD Wastewater Discharge Permit 5515.08. My knowledge is based upon historical sampling of my facility's wastewater discharge, and my understanding of the processes, activities, and operations at my facility.*

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

A handwritten signature in black ink, appearing to read 'Daniel Otzelberger', is written over a horizontal line.

Signature

A handwritten date '7/19/22' is written in black ink over a horizontal line.

Date

Daniel Otzelberger

Print Name

Landfill General Manager II

Title

**Attachment 1**  
**Periodic Compliance Report**

**Periodic Compliance Report**

**Wastewater Discharge Permit                     No. 8.08**

Facility Name: Emerald Park Landfill  
 Street Address: W124 S10629 S. 124th Street  
 City and Zip Code: Muskego, WI 53150

**Outfall 1.0**

Pollutant	Results (mg/L)	Sample Type	Starting Date and Time	Ending Date and Time	Sample Collector	Analytical Method	Analyst (Lab)
<b>MMSD Split</b>	Arsenic	0.182	Comp.	6/13/22 9:00	6/14/22 10:50	SF (ESC)	EPA 6010D TXW (Pace-GB)
	Nickel	0.624	Comp.	6/13/22 9:00	6/14/22 10:50	SF (ESC)	EPA 6010D TXW (Pace-GB)
	Zinc	0.189 J D3	Comp.	6/13/22 9:00	6/14/22 10:50	SF (ESC)	EPA 6010D TXW (Pace-GB)
	PCBs	0.0013 J	Comp.	6/13/22 9:00	6/14/22 10:50	SF (ESC)	EPA 8082A BLM (Pace-GB)

Note:  
 J - Reported analyte concentration was detected between the laboratory limit of detection and limit of quantitation which cannot be confirmed by the laboratory and should be considered an estimate.  
 D3 - Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Laboratory Name Pace Analytical Services, Inc.

DNR Certification Number 405132750

Long-term Average and Maximum Process Wastewater Daily Flow Rates

From 4/1/2022 To 6/30/2022  
Beginning Date Ending Date

Average Daily Flow Rate 45,000 Gallons per day  
 Maximum Daily Flow Rate 99,000 Gallons per day

**Periodic Compliance Report**

**Wastewater Discharge Permit                     No. 8.08**

Facility Name: Emerald Park Landfill  
 Street Address: W124 S10629 S. 124th Street  
 City and Zip Code: Muskego, WI 53150

**Calculations:**

<b>Outfall 1.0 Flow</b>		
<b>Month-Yr</b>	<b>Gallons</b>	<b>Days of Discharge</b>
Apr-22	1,719,000	30
May-22	1,292,000	31
Jun-22	1,109,000	30
<b>Total</b>	<b>4,120,000</b>	<b>91</b>

Total flow (04/01/22 - 06/30/22): 4,120,000 gallons  
 Days of discharge: 91 days

Avg. Daily Flow Rate =  $\frac{\text{Total flow (gal)}}{\text{Days of discharge}} = \frac{4,120,000 \text{ gal.}}{91 \text{ days}} = 45,275 \text{ gal/day}$

Estimate at: 45,000 gal/day

Note:  
 Flow data was provided by the City of Muskego Department of Public Works (DPW) and is recorded in thousand gallons. The average daily flow rate is estimated in thousand gallons for this submittal.

**Domestic Wastewater and Process Wastewater (Leachate):**

<b>Outfall 1.0 Flow</b>	
<b>Q2-22</b>	<b>Gallons</b>
Total Wastewater Discharged	4,120,000
Estimated Domestic Wastewater	30,000
Estimated Process Wastewater (Leachate)	4,090,000

Note:  
 The quarterly domestic wastewater discharged during second quarter 2022 was estimated based on the average domestic wastewater discharged during 2016, and the average quarterly domestic wastewater discharged during the first, second, and third quarters of 2007. The quarterly discharge volumes during the three 2007 quarters represent only domestic wastewater; no leachate was discharged to MMSD until fourth quarter 2007. Wastewater volumes are estimated in thousand gallons for this submittal.