

# ENVIRONMENTAL SAMPLING CORPORATION

*Dedicated to Environmental Monitoring, Science & Technology*

July 31, 2020

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

**Re:    Advanced Disposal Services Emerald Park Landfill, LLC  
      Wastewater Discharge Permit No. 8.07  
      Periodic Compliance Report – Second Quarter 2020**

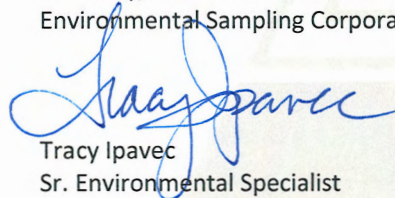
Dear Ms. Stroik:

On behalf of Advanced Disposal Services Emerald Park Landfill (ADS-EPL), Environmental Sampling Corporation is submitting the Second Quarter 2020 Periodic Compliance Report. This compliance report is being submitted in accordance with Part 3.01 of the current facility discharge permit. During this monitoring period, one split sample was collected in conjunction with the MMSD sampling event on June 30, 2020. There were no exceedances of the discharge permit limits. No additional monitoring was required during the reporting period in accordance with Discharge Permit 8.07.

As required by Part 3.01 subpart (2), this periodic compliance report contains the average and maximum flow rates. Also included, as required by Part 3.02, is a summary of the wastewater volumes hauled off-site for disposal during Second Quarter 2020.

This information satisfies the reporting requirements for the Second Quarter 2020 discharge period. If you have any questions or comments regarding this submittal, please contact Dan Otzelberger of Advanced Disposal Services at (414) 788-1281 or the undersigned at (414) 427-5033.

Sincerely,  
Environmental Sampling Corporation



Tracy Ipavec  
Sr. Environmental Specialist

Enclosures

cc:    Dan Otzelberger – ADS-EPL (electronic copy)  
      Tim Curry – ADS-Midwest (electronic copy)  
      Kari Rabideau – ADS-Midwest (electronic copy)  
      Chad Siegle – ADS-EPL (electronic copy)  
      Scott Croft – ADS-EPL (electronic copy)  
      ADS-EPL – File Copy  
      Tyler Field – Tetra Tech (electronic copy)  
      ADS-EPL Standing Committee (electronic copy)  
      Mark Slocomb – ADS-EPL Standing Committee (electronic copy)  
      Jo Spear – JSA Environmental (electronic copy)  
      Frank Perugini – ESC (electronic copy)



**Advanced Disposal Services Emerald Park Landfill, LLC  
Wastewater Discharge Permit No. 8.07  
Periodic Compliance Report – Second Quarter 2020**

**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.*

*Daniel Otzelberger*  
\_\_\_\_\_  
Signature

*7/31/20*  
\_\_\_\_\_  
Date

*Daniel Otzelberger*  
\_\_\_\_\_  
Print Name

*General Manager*  
\_\_\_\_\_  
Title

**Periodic Compliance Report**

**Wastewater Discharge Permit                     No. 8.07**

Facility Name: Advanced Disposal Services Emerald Park Landfill, LLC  
 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	0.345 J	Comp.	6/29/20 10:00	6/30/20 10:00	SC (EPL)	EPA 6010	TXW/HMG (Pace-GB)
	Nickel	0.644	Comp.	6/29/20 10:00	6/30/20 10:00	SC (EPL)	EPA 6010	TXW/HMG (Pace-GB)
	Zinc	0.282 J	Comp.	6/29/20 10:00	6/30/20 10:00	SC (EPL)	EPA 6010	TXW/HMG (Pace-GB)
	TSS	48.0	Comp.	6/29/20 10:00	6/30/20 10:00	SC (EPL)	EPA 2540D	JXM (Pace-GB)
	BOD	1,990	Comp.	6/29/20 10:00	6/30/20 10:00	SC (EPL)	EPA 5210B	JXM (Pace-GB)
	PCBs	<0.0011	Comp.	6/29/20 10:00	6/30/20 10:00	SC (EPL)	EPA 8082	BLM (Pace-GB)

Laboratory Name                     Pace Analytical Services, Inc.                    

DNR Certification Number                     405132750                    

Long-term Average and Maximum Process Wastewater Daily Flow Rates

From                     4/1/2020                     To                     6/30/2020                      
Beginning Date Ending Date

Average Daily Flow Rate                     67,000                     Gallons per day  
 Maximum Daily Flow Rate                     129,000                     Gallons per day

**Periodic Compliance Report**

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 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-20	1,380,000	30
May-20	2,137,000	31
Jun-20	2,563,000	30
<b>Total</b>	<b>6,080,000</b>	<b>91</b>

Total flow (04/01/20 - 06/30/20):                      6,080,000 gallons  
 Days of discharge:    91 days

$$\text{Avg. Daily Flow Rate} = \frac{\text{Total flow (gal)}}{\text{Days of discharge}} = \frac{6,080,000 \text{ gal.}}{91 \text{ days}} = 66,813 \text{ gal/day}$$

Estimate at:              67,000 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>Q2-20</b>	<b>Gallons</b>
Total Wastewater Discharged	6,080,000
Estimated Domestic Wastewater	30,000
Estimated Process Wastewater (Leachate)	6,050,000

Note:  
 The quarterly domestic wastewater discharged during second quarter 2020 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.

