

ENVIRONMENTAL SAMPLING CORPORATION

Dedicated to Environmental Monitoring, Science & Technology

April 30, 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 – First Quarter 2020**

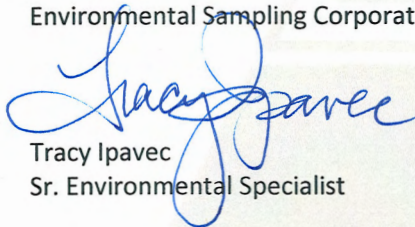
Dear Ms. Stroik:

On behalf of Advanced Disposal Services Emerald Park Landfill (ADS-EPL), Environmental Sampling Corporation is submitting the First 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 spilt sample was collected in conjunction with the MMSD sampling event on February 13, 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) and Part 3.02, this periodic compliance report contains the average and maximum flow rates. During First Quarter 2020, all leachate was discharged to MMSD via the outfall; no leachate was trucked off site for disposal.

This information satisfies the reporting requirements for the First Quarter 2020 discharge period. If you have any questions or comments regarding this submittal, please contact Mike Hackney of Advanced Disposal Services at (414) 529-1360 or the undersigned at (414) 427-5033.

Sincerely,
Environmental Sampling Corporation



Tracy Ipavec
Sr. Environmental Specialist

Enclosures

cc: Mike Hackney – ADS-EPL (electronic copy)
 Tim Curry – ADS-Midwest (electronic copy)
 Kari Rabideau – ADS-Midwest (electronic copy)
 ADS-EPL – File Copy
 Tyler Field – Tetra Tech (electronic copy)
 ADS-EPL Standing Committee (electronic copy)
 Jo Spear – JSA Environmental (electronic copy)
 Frank Perugini – ESC (electronic copy)

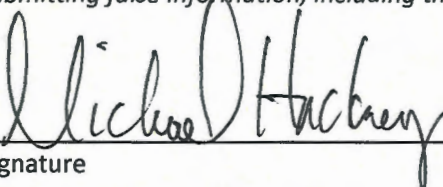


**Advanced Disposal Services Emerald Park Landfill, LLC
Wastewater Discharge Permit No. 8.07
Periodic Compliance Report – First Quarter 2020**

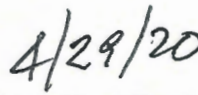
Certification:

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.



Signature



Date

Michael Hackney
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)
MMSD Split	Arsenic	0.190	Comp.	2/12/20 9:15	2/13/20 9:15	SC (EPL)	EPA 6010	TXW/HMG (Pace-GB)
	Nickel	0.866	Comp.	2/12/20 9:15	2/13/20 9:15	SC (EPL)	EPA 6010	TXW/HMG (Pace-GB)
	Zinc	0.136 J	Comp.	2/12/20 9:15	2/13/20 9:15	SC (EPL)	EPA 6010	TXW/HMG (Pace-GB)
	TSS	18.0	Comp.	2/12/20 9:15	2/13/20 9:15	SC (EPL)	EPA 2540D	HNT (Pace-GB)
	BOD	451	Comp.	2/12/20 9:15	2/13/20 9:15	SC (EPL)	EPA 5210B	EXM (Pace-GB)
	PCBs	0.0018 J	Comp.	2/12/20 9:15	2/13/20 9:15	SC (EPL)	EPA 8082	BDS (Pace-GB)

Laboratory Name Pace Analytical Services, Inc.

DNR Certification Number 405132750

Long-term Average and Maximum Process Wastewater Daily Flow Rates

From 1/1/2020 To 3/31/2020
Beginning Date Ending Date

Average Daily Flow Rate 41,000 Gallons per day
 Maximum Daily Flow Rate 111,000 Gallons per day

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Calculations:

Outfall 1.0 Flow		
Month-Yr	Gallons	Days of Discharge
Jan-19	1,118,000	31
Feb-19	1,091,000	29
Mar-19	1,493,000	31
Total	3,702,000	91

Total flow (01/01/19 - 03/31/19): 3,702,000 gallons
 Days of discharge: 91 days

Avg. Daily Flow Rate = $\frac{\text{Total flow (gal)}}{\text{Days of discharge}} = \frac{3,702,000 \text{ gal.}}{91 \text{ days}} = 40,681 \text{ gal/day}$

Estimate at: 41,000 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):

Outfall 1.0 Flow	
Q1-20	Gallons
Total Wastewater Discharged	3,702,000
Estimated Domestic Wastewater	30,000
Estimated Process Wastewater (Leachate)	3,672,000

Note:
 The quarterly domestic wastewater discharged during first 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.