

GFL Emerald Park Landfill Audit Summary

To: GFL Emerald Park Landfill Standing Committee, City of Muskego

FROM: Jo-Walter Spear, Jr., P.E.

COPIES: File

DATE: 3/1/2021

PROJECT NUMBER: 1012.10030

Due to the COVID-19 pandemic, JSA Environmental (JSA) and Green For Life Environmental (GFL) are engaging CDC guidelines and common sense.

Attached is the audit report for activities at the GFL Emerald Park Landfill for the week of February 14, 2021. The audit was performed at 11:00 AM on **February 19, 2021** by Jo Spear, Jr.; in the presence of Chad Seigel, the Site Manager.

The last audit was performed on February 10, 2021

The weather conditions were bright and sunny, after being overcast most of the day

Landfill Operations Audit:

The following conditions were noted during this Audit of the GFL EPLI Facility:

The operation required the use of:

1 compactor

1 bulldozer

No contractors in evidence

- A) Working Face and Location
 - Working face along East edge of center of active area, developing a protective berm or bench;
 to provide a safe area for future working faces in inclement weather.
 - No other working faces in operation
 - Cover being placed is auto-fluff
- B) Leachate Management
 - Leachate being pumped to MMSD treatment
- C) Gas Monitoring and Management
 - Total destruction volume 2,500 cfm; 1,500 being delivered to MMSD
 - Vacuum and destruction rates have been consistent since last audit
 - MMSD controlling flows.
- D) Surface Water Management
 - Temp sed basin without pump
 - Temp sed basin frozen, pumping not viable
 - One snow event since last audit





- Site conditions frozen
- E) Odor Control
 - Gas odor on US 45 only
- F) Liquid Loads
 - Site not taking liquid loads and will not be for quite some time due to high leachate head elevations
- G) Litter Control
 - GFL is limiting pickers on the site to minimize risk
 - No offsite litter
 - Minimal litter due and heavy snow coverage
- H) Vehicle Impacts
 - US 45 and 8 Mile Road clean
 - Site entrance very potholed
- I) Inspection of Incoming Waste
 - Site operating with three equipment operators
 - Receiving MSW and C&D <1,000 TPD
- J) Rejected Loads
 - No rejected loads
- K) Residential Drop Off
 - E-Waste Container present
 - Site in operation during audit with low utilization
 - Site clean
- L) Other Comments
 - Telemetry fully on line and in use
 - Tetratech no longer on site to manage leachate flows
 - Leachate levels being checked by Site Manager

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ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL / CITY OF MUSKEGO AUDIT PHOTOS

PROJECT NO. 1012.10030



Active area, cleared of snow and receiving waste at top of working face, pushing down with equipment





View Southwest across Phase 7, tipping to the Left, ADC stockpiles to the right



Vehicles travel around outside edge of Phase 7 to reach working face on East side to tip above the waste



Phase 7, view from access point. Working face still on East edge

ADS Emerald Park Landfill Action Items Checklist City of Muskego Audit

Opened: 05/28/2020 Updated: 01/09/2014 - Cleared

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes
1	05/28/2020	Leachate Seep, discharge into Temp Sed Basin	POO	ASAP	11/06/2020	153	Site management addressing issue
2	05/28/2020	Leachate elevations above maintenance levels	POO & RD&D Permit	ASAP	11/06/2020	153	Site management addressing issue, DNR serviing an NOV