

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 January 17, 2021. The audit was performed at 1:11 PM on **January 28, 2021** by Jo Spear, Jr.; in the presence of Dan Otzelberger, the General Manager.

The last audit was performed on January 19, 2021

The weather conditions were clear, sunny, very dry and potential snow event

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

Contractor on site developing telemetry system for landfill gas collection system

- A) Working Face and Location
 - Working face in center of "footprint", middle of Phases 6 & 7 junction
 - No other working faces in operation
 - Cover placed Autofluff and soils
- B) Leachate Management
 - Leachate being pumped to MMSD treatment
- C) Gas Monitoring and Management
 - Consistent operation since last audit
 - Total destruction volume 2,500 cfm; 1,500 being delivered to MMSD
 - MMSD controlling flows.
- D) Surface Water Management
 - Temp sed basin without pump
 - Temp sed basin frozen, pumping not viable
 - Snow event at beginning of week, site snow covered

Attachments:

27

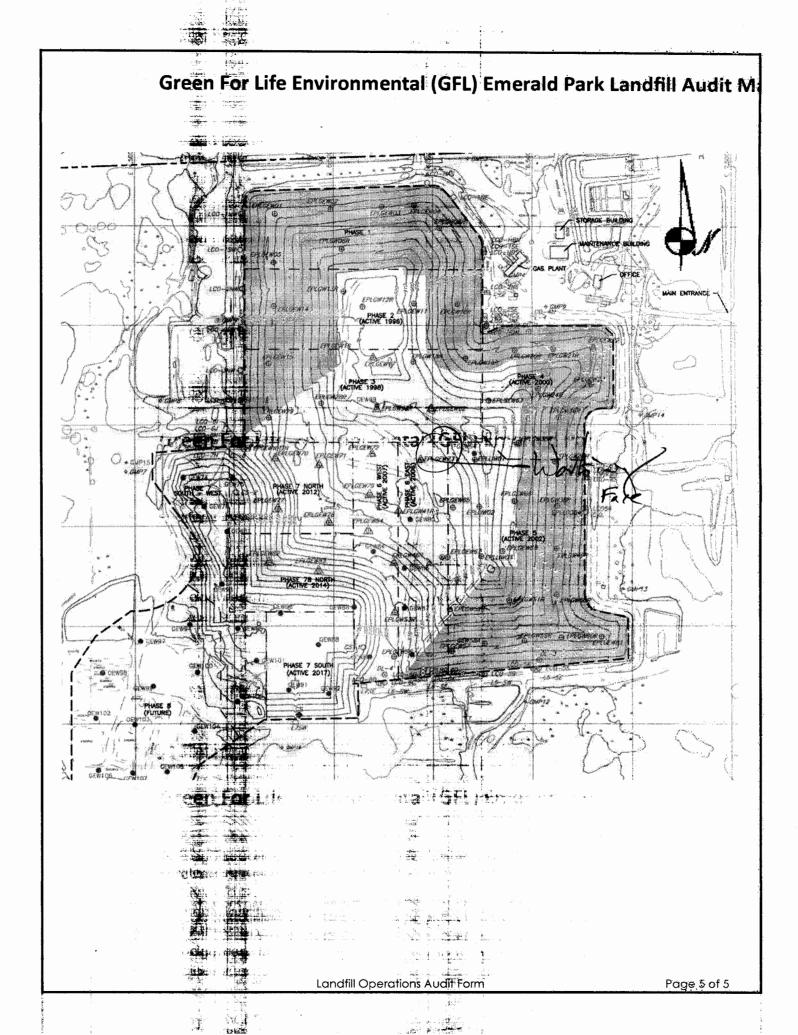
- Site conditions frozen
- E) Odor Control
 - Autofluff and garbage odor on US 45
 - LFG odor on access road to top of Phase 7
- F) Liquid Loads
 - Site not taking liquid loads and will not be for quite some time due to high leachate head elevations
- G) Litter Control
 - GFL is limiting pickers on the site to minimize risk
 - No offsite litter
 - Minimal litter due and heavy snow coverage
- H) Vehicle Impacts
 - US 45 and 8 Mile Rd. clean
 - Entrance very rough
 - Site roads clear
- I) Inspection of Incoming Waste
 - Site operating with three equipment operators
 - Receiving MSW and low volume of other waste types ~1,000 TPD
- J) Rejected Loads
 - No rejected loads
- K) Residential Drop Off
 - E-Waste Container present
 - Boxes mostly empty
 - Site clean
- L) Other Comments
 - Telemetry installation ongoing.
 - Programming and stabilizing of telemetry system ongoing.
 - Antenae installation ongoing
 - General Manager and JSA did offsite odor monitoring and experienced auto-fluff odors off site on US 45

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Landfill Operations Audit Form Page 4 of 5



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

PROJECT NO. 1012.10030



Telemetry antenae on LFG controls about site





South slope of Phase 6 & 7



South Slope of Phase 7



Access road North up access road



Approach to active area in Phase 7



Access at top of Phase 7



Active area viewed from access road, previous tippings creating berm about working face



Slope conditions under snow



View West across site foot print



Clean out on Phase 7, dozer spreading cover



View South across active area



West slope at junction with Phase 3



West slope of Phase 7

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