



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 07/16/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of June 1, 2015. The audit was performed at 5:00 PM on **June 1, 2015** by Jo Spear, Jr. in the presence of Michael Hackney, General Manager.

Landfill Operations Audit:

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

- Working face in middle of Phase 7B, South slope.
 - After normal hours audit, landfill closed to all except soil loads
 - MSW face covered with shredded poly and not active during audit
- Soil loads going to South slope of Phase 7, North of 7B
- Two dozers working on site
- Shredded poly used for daily cover

- All leachate discharging to MMSD; no recirculation
- No consistent gas flow to MMSD
 - One flare & one blower in operation during audit
 - Flare triggered during audit due to excessive humidity
 - Vegetation in fair condition

- One storm event since last audit; about 1"
 - Erosion at South slope of Phase 5
 - Green grass showing in all other repaired areas
- No odors
- Liquid loads periodic

- No obvious litter
- Two pickers working
- Litter under control by end of day
- US 45 and 8 Mile Road clean; site roads dry
- Street cleaner active with soil project

- Scale camera in use; two equipment operators; no spotter
 - Receiving approximately 4,000 tpd of MSW, contaminated soils and special wastes

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Random load inspection not available
- No rejected loads
- Residential drop-off site clean
 - E-waste container present
 - Green waste drop-off area clean

Comments:

- Site open later, till 5:30, for soil job loads only
 - Large volumes of landfill direct soils coming in from project
 - Soils being tipped at top elevations of Phases 3,5,6 and 7
 - Approximately 3,000 TPD expected during next month
- Audit preformed after normal hours

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

VEOLIA Emerald Park Landfill
Action Items Checklist
City of Muskego Audit

Opened:

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 |
|-------------|-------------------------|-----------------------|------------------------------------|--|--------------------------------|---------------------------|-------|
| | | | | | | | |
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ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE June 1, 2015
 Auditor on site at: Open Close

TIME 5:00

WEATHER Clear Sunny, high clouds

WIND 0-10
 N E

TEMP Maximum 59 °F Minimum 43 °F B.P. 30.30

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

| No. | DESCRIPTION | Rented | Contracted | No. | DESCRIPTION | Rented | Contracted |
|----------|-------------|--------|------------|-----|-------------|--------|------------|
| <u>2</u> | Compactor | | | | | | |
| | Dozer | | | | | | |
| | Excavator | | | | | | |
| | Haul Truck | | | | | | |
| | Water Truck | | | | | | |
| | Grader | | | | | | |

MAJOR EQUIPMENT BONEYARD

| No. | DESCRIPTION | Broken | Maintenance | No. | DESCRIPTION | Broken | Maintenance |
|-----|-------------|--------|-------------|-----|-------------|--------|-------------|
| | | | | | | | |
| | | | | | | | |

A. Working Face Size and Location:

Working face in middle of Phase B South slope. Covered with poly sheet and not active during audit.
Working face for soils on South slope of Phase 7, north of 7B



Cover Material:

Poly Shred

B. Leachate Management:

Discharge to MMSD Recirculation

Phases:

C. Gas Monitoring and Management: Check appropriate box.

| | | | | |
|-----------------------------|---|--|-------------------------------|-------------------------------|
| Flares in Operation: | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> | # | 1 |
| Blowers in Operation: | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> | # | 1 |
| Flare use since last audit | | | # | 1 |
| Shutdowns Since Last Audit: | | | # | NA |
| Flow to MMSD: | | | # | NA cfm |
| Vegetation Condition: | Good <input type="checkbox"/> | <input checked="" type="checkbox"/> Fair | Poor <input type="checkbox"/> | Dead <input type="checkbox"/> |

Comments:

Flare triggered during audit due to humidity

D. Surface Water Management:

| | | | | |
|-------------------------|---|---|-------------|-----|
| Storm Events Since Last | # | 1 | Est. Volume | 214 |
|-------------------------|---|---|-------------|-----|

EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Erosion at South slope of Phase 5
grass showing in all other repairs

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors

F. Liquid Loads Received:

Periodic

G. Litter Control:

| | | | |
|-------------------------|---|--|-----|
| Litter Present Onsite: | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | |
| Litter Present Offsite: | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | |
| Pickers Active: | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> | # 2 |

Comments:

Litter under control by end of day

H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.

US 45 & G Mile clean.
 Site roads dry, street cleaner active with soil project

I. Inspection of incoming Waste:

| | | | | |
|-------------------------------|---|--|---|---|
| Scale Camera Operator: | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> | # | 1 |
| Equipment Operator: | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> | # | 2 |
| Spotter: | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | # | |
| Random Load Inspection Dates: | NA | | | |
| Tonnage: | 4,000 TAD | | | |

Comments:

Soils, MSW, & Special

J. Rejected Loads:

| | Date/Time | Reason for Rejection |
|----|-----------|----------------------|
| 1. | | None |
| 2. | | |

| | | |
|-----------------------|--|---|
| Residential Drop Off: | Open During Audit <input type="checkbox"/> | E-Waste Container Present <input checked="" type="checkbox"/> |
|-----------------------|--|---|

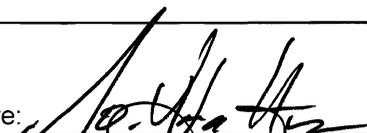
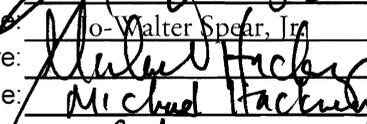
Site clean, Green Waste drop off clean

M. Other Comments:

* Site open until 5:30 for soil job only. Large landfill direct from large project, being tipped at top elevations of Phase 3, 5 1/2 7 ~ 3,000 TPD for a month.

* Audit performed after normal hours

* Map page blew away during audit.

Auditor's Signature: 
Auditor's Printed Name: Walter Spear, Jr.
Management Signature: 
Management Printed Name: Michael Hackney
Management Title: GM
JSA Principal Signature: _____

Date: 6/1/15
Date: 6/1/15
Date: _____

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

PROJECT NO. 1012.10030



Soils being tipped after standard hours, approved by Committee.



Tipping area in Phase 7



Dozer spreading received soils



Soils being tipped and spread on the very top of Phase 7



Active area viewed from the East



Bags for containing perlite prior to entombment



Basin elevation raised by rains, cleaning set back until drier conditions