Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of July 14, 2013. The audit was performed at 12:30 pm on **July 19, 2013** by Jo Spear, Jr. in the presence of David Geier.

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

- Working face against access road; soil loads stockpiled in Phase 7 for cover; remaining soils tipped in Phase 3
- Workface progressing Eastward across Phase 7
  - New access ramp under construction
  - Autofluff stockpiled and used for daily cover
  - Intermediate cover from excavation soils, placed by Contractor
- Leachate being discharged MMSD, no recirculation
- One flare and one blower in operation,
  - System at landfill good but MMSD not ready to receive
  - No discharge to MMSD for last month
- No storm events since last audit,
  - Basins low
  - Ditches need cleaning
  - Weather; hot & humid with winds; evaporation values high
- Odors on-site, downwind of active area
- Liquid loads semi-regular
- Four pickers working
  - windy conditions require additional pickers
  - noticable litter off-site
- US 45 and 8 Mile Road dusty
  - Site roads gritty
- Tipping scale camera and two equipment operators inspecting waste
MEMORANDUM

- Random load inspection date 7/11/13 ~1500 tpd
- soil volumes increased
- no rejected loads
- Residential drop off in use, E-Waste container present; area relatively clean
- One dozer, excavator, water truck & compactor operational
- One dozer & compactor need repair

Attachments:
Action Items List / Landfill Operations Audit Form
Audit Photos
ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL
LANDFILL OPERATIONS AUDIT FORM
CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE  July 19, 2013
Auditor on site at: Open □ Close □

WEATHER  Clear, Sunny, hot

TEMP Maximum  94 °F Minimum  77 °F
WIND N E W

B.P.  30.11

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

<table>
<thead>
<tr>
<th>No.</th>
<th>DESCRIPTION</th>
<th>Rented</th>
<th>Contracted</th>
<th>No.</th>
<th>DESCRIPTION</th>
<th>Rented</th>
<th>Contracted</th>
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<tbody>
<tr>
<td>1</td>
<td>Compactor</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Dozer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Excavator</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Haul Truck</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Water Truck</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grader</td>
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MAJOR EQUIPMENT BONEYARD

<table>
<thead>
<tr>
<th>No.</th>
<th>DESCRIPTION</th>
<th>Broken</th>
<th>Maintenance</th>
<th>No.</th>
<th>DESCRIPTION</th>
<th>Broken</th>
<th>Maintenance</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Compactor</td>
<td></td>
<td></td>
<td></td>
<td>Dozer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A. Working Face Size and Location:

Working face against access road in Phase 7. Soil loads being stock piled in Phase 7 for 2015 and remaining soils being hipped in Phase 3.

JSA

LANDFILL OPERATIONS AUDIT FORM
Page 1 of 5

95699
B. Leachate Management:
Discharge to MMSD: ☑ Recirculation ☐
Phases:

C. Gas Monitoring and Management: Check appropriate box.
Flares in Operation: YES ☑ NO ☐ #
Blowers in Operation: YES ☐ NO ☐ #
Flare use since last audit: # Content
Shutdowns Since Last Audit: #
Flow to MMSD: # cfm
Vegetation Condition: Good ☑ Fair ☐ Poor ☐ Dead ☐
Comments:

No discharge to MMSD for last month

D. Surface Water Management:
Storm Events Since Last: # 0
Est. Volume: 0
EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact location:
Weather has been hot, hazy, with winds
Evaporation values high

E. Odor Control:
Odors Present: Onsite ☐ Offsite ☐
Comments:
Odor onsite, located north of active area.

F. Liquid Loads Received:

Semi-regular
G. Litter Control:

<table>
<thead>
<tr>
<th>Litter Present Onsite:</th>
<th>YES [ ] NO [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Litter Present Offsite:</td>
<td>YES [ ] NO [ ]</td>
</tr>
<tr>
<td>Pickers Active:</td>
<td>YES [ ] NO [ ]</td>
</tr>
</tbody>
</table>

Comments: Under conditions require additional pickers.

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

US 48 & S with road, dusty

I. Inspection of incoming Waste:

<table>
<thead>
<tr>
<th>Scale Camera Operator:</th>
<th>YES [ ] NO [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment Operator:</td>
<td>YES [ ] NO [ ]</td>
</tr>
<tr>
<td>Spotter:</td>
<td>YES [ ] NO [ ]</td>
</tr>
</tbody>
</table>

Random Load Inspection Dates: 7/11/2013

Tonnage: 4,500

Comments: Soil volumes increased.

J. Rejected Loads:

<table>
<thead>
<tr>
<th>Date/time</th>
<th>Reason for Rejection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>N/A</td>
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K. Residential Drop Off: Open During Audit [ ] E-Waste Container Present [ ]

Drop-off site in operation; relatively clean.
ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL
LANDFILL CONTRACTOR'S AUDIT FORM
CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE July 19, 2005  TIME 2:00

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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<th>Contracted</th>
<th>No.</th>
<th>DESCRIPTION</th>
<th>Rented</th>
<th>Contracted</th>
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<tr>
<td>2</td>
<td>Dozer</td>
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</tr>
<tr>
<td>3</td>
<td>Excavator</td>
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<tr>
<td>4</td>
<td>Haul Truck</td>
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</tr>
<tr>
<td>5</td>
<td>Water Truck</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Sweeper</td>
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<td></td>
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</tr>
</tbody>
</table>

A. Work Accomplished Today (Scheduled & Completed):

Soils being split between future parkland and biosolids clay in Phase 8.
B. Excavations / Soil Management:

Barley scratched the surface

C. Off Site Hauling

<table>
<thead>
<tr>
<th>Weight Ticket Number</th>
<th>Weight of Load in Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
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<td>3</td>
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<tr>
<td>9</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Auditor's Signature: [Signature]
Auditor's Printed Name: [Name]
Management Signature: [Signature]
Management Printed Name: [Name]
Management Title: Ops Manager

Date: 7/19/15
<table>
<thead>
<tr>
<th>Item Number</th>
<th>DATE</th>
<th>Condition Description</th>
<th>Permit or Contract Reference</th>
<th>Initial Schedule for Completion</th>
<th>Observed Completion Date</th>
<th>Elapsed Time (Days)</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>5/09/2013</td>
<td>Seep in Rainfall, Southwest corner of Phase 7</td>
<td>ASAP</td>
<td>06/06/2013</td>
<td>28</td>
<td></td>
<td>All contact water is being treated as leachate and pumped back into Phase 7. Repaired liner with welds.</td>
</tr>
</tbody>
</table>
Resi-drop-off green waste container.

2013/07/19
Resi-drop-off area and gas building

Excavation viewed from the South and West
Pit cut for liquid load placement in Phase 7

Phase 6, West slope backdragged and shapped.
Working face at a distance

Clean out area
South edge of working face, waste cut into previously placed material.

South slope of Phase 7 with intermediate cover
Excavation area and temp sed pond

Excavation area, not active