



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 01/29/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of January 18, 2016. The audit was performed at 3:08 PM on **January 21, 2016** by Jo Spear, Jr. in the presence of Brett Coogan, Operations Manager.

Landfill Operations Audit:

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

- Working face in Northeast corner of Phase 7B
 - No other working faces in operation today
 - Previous days working face is well covered
- Two dozer working on site
 - One compactor in for repair
- Auto fluff and previously used cover material serving as daily cover

- All leachate discharging to MMSD; no recirculation
- MMSD stopped accepting gas on 1/19/16
 - Flare in continuous use since shutdown on 1/19
 - One blower in operation
 - Gas delivery expected to begin again on 1/22/16
 - May be half of former volume
 - Vegetation snow-covered

- No additional rain or snow since last audit
 - Site remains frozen
- Strong odor detectable on-site; especially near active area
- Liquid loads periodic

- Some litter on-site; clear off-site
 - Site litter in trees
 - Litter noted at last audit has been cleared
 - One picker working
- US 45 and 8 Mile Road clean; site roads frozen and gritty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; 2 equipment operators; no spotter
 - Receiving approximately 1,500 TPD
 - Incoming loads of MSW, special wastes and demolition debris; no soil loads
 - Random load inspection 1/18/16
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present
 - Most boxes empty
 - Tire box overflowing

Comments:

- Compactor repair expected to be complete next week
- Bio-soils removed from Phase 3 for use as cover material as necessary
- Site entirely frozen
 - Temporary sediment basin has adequate freeboard

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

**ADS 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 January 21, 2016
 Auditor on site at: Open Close

TIME 3:08

WEATHER Overcast with some sun, possible snow WIND S-15
 N S E W

TEMP Maximum 24 °F Minimum 15 °F B.P. 30.34

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

| No. | DESCRIPTION | Broken | Maintenance | No. | DESCRIPTION | Broken | Maintenance |
|----------|------------------|-------------------------------------|-------------|-----|-------------|--------|-------------|
| <u>1</u> | <u>Compactor</u> | <input checked="" type="checkbox"/> | | | | | |
| | | | | | | | |

A. Working Face Size and Location:

Working face in Northwest corner of Phase 7. No other working faces in operation today. Previous days working face well covered.



Cover Material:

Polyfill and previously used cover materials

B. Leachate Management:

| | | | |
|-------------------|-------------------------------------|---------------|--------------------------|
| Discharge to MMSD | <input checked="" type="checkbox"/> | Recirculation | <input type="checkbox"/> |
|-------------------|-------------------------------------|---------------|--------------------------|

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 | # | | Continuous | | | | | | | |
| Shutdowns Since Last Audit: | # | | 1 | | | | | | | |
| Flow to MMSD: | # | | cfm | | | | | | | |
| Vegetation Condition: | Good | <input checked="" type="checkbox"/> | NA | <input type="checkbox"/> | Fair | <input type="checkbox"/> | Poor | <input type="checkbox"/> | Dead | <input type="checkbox"/> |

Comments:

MMSD stopped receiving gas on 1/19/16 and will start again on 1/22/16; receiving 1/2 volume

D. Surface Water Management:

| | | | | |
|-------------------------|---|---|-------------|--|
| Storm Events Since Last | # | 0 | Est. Volume | |
|-------------------------|---|---|-------------|--|

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

No additional snow since last audit
site conditions frozen

E. Odor Control:

| | | | | |
|----------------|--------|--------------------------|---------|-------------------------------------|
| Odors Present: | Onsite | <input type="checkbox"/> | Offsite | <input checked="" type="checkbox"/> |
|----------------|--------|--------------------------|---------|-------------------------------------|

Comments:

Waste odors about active area

F. Liquid Loads Received:

Periodic

G. Litter Control:

| | | | |
|-------------------------|-----------------------------------------|----------------------------------------|-----|
| Litter Present Onsite: | YES <input checked="" type="checkbox"/> | NO <input 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"/> | # 1 |

Comments:

Litter in onsite trees. Litter from last audit all picked & removed

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

Site roads frozen and gritty
usds & g Mite clean

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: | 1/15/16 | | | |
| Tonnage: | 1,500 TPD | | | |

Comments:

Waste consists of MSW, Special, & Demolition
No soils

J. Rejected Loads:

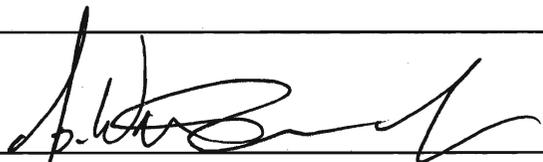
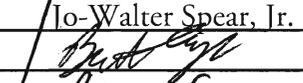
| | Date/Time | Reason for Rejection |
|----|-----------|----------------------|
| 1. | | None |
| 2. | | |

Residential Drop Off: Open During Audit E-Waste Container Present

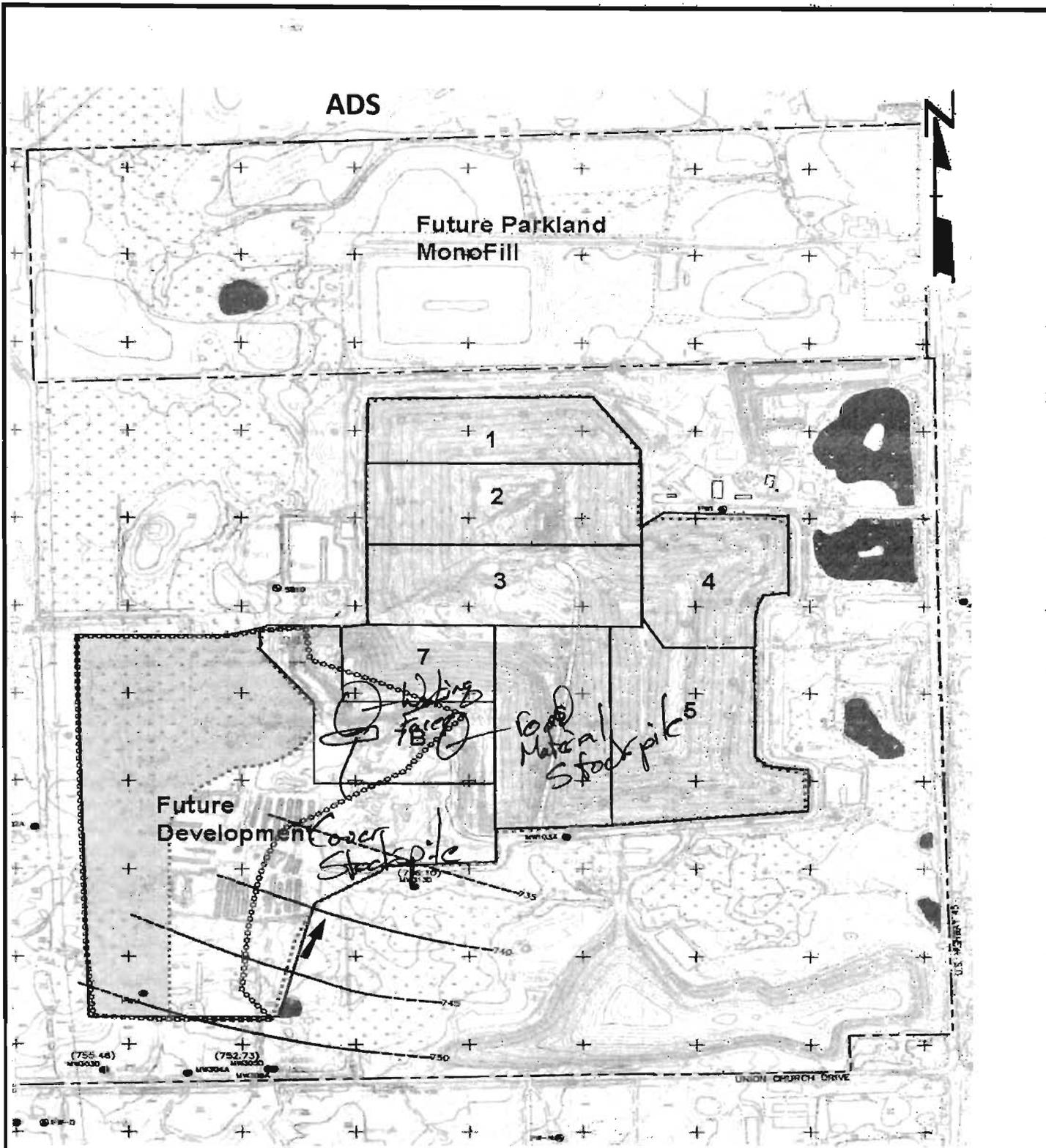
Resin boxes mostly empty. Tire box overflowing

M. Other Comments:

- * Compactor repair expected to be completed next week.
- * ~~25%~~ Bio soil from phase 3 being used when necessary for cover.
- * Site conditions frozen temp so basin has plenty of free board.

Auditor's Signature: 
Auditor's Printed Name: Jo-Walter Spear, Jr.
Management Signature: 
Management Printed Name: Brent Corgan
Management Title: OPS MANAGER
JSA Principal Signature: _____

Date: 1/21/16
Date: 1/21/16
Date: _____



Advanced Disposal Services Emerald Park Landfill
 Landfill Audit Map
 City of Muskego
 Project No. 1020.10030



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

PROJECT NO. 1012.10030



Active area and working face



Working face



Overview of Active area



Active tipping at working face



Working face, compactor is down so D8 dozer is doing compaction and waste placement



Active area with adequate cover



Active area and working face viewed from the East. Cover stockpile in center of photo