



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 06/15/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of April 24, 2016. The audit was performed at 12:20 PM on **April 26, 2016** by Jo Spear, Jr. in the presence of Scot Croft, Landfill Technician.

Landfill Operations Audit:

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

- Overcast; heavy cloud cover
- Working face at Southwest corner of Phase 7B
 - No other working face active today
- One compactor, one dozer, one excavator & one haul truck in use
- Site brown clay being excavated from future Phase 8
 - used as daily cover and to dress outboard slopes
- All leachate discharging to MMSD; no recirculation
- Gas plant shut down continues; week 4
 - No gas delivery
 - One flare and one blower in continuous use
 - Essential part for repair has not arrived yet
- One storm event since last audit; less than 1"
 - Basin continuing to drain
- Some green evident in area seeded area of rill repairs
- No odors
- Liquid loads periodic
- Minimal litter on-site; confined to active area
- Off-site clean of litter
- One pickers working
- US 45 and 8 Mile Road clean; site roads dusty
- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,100 TPD
 - MSW and special wastes only

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Random load inspection 4/22/16
- No rejected loads

- Residential drop-off site clean
 - E-waste container present
 - Boxes and e-waste containers over-flowing

Comments:

- Site was inspected by DNR on 4/22/16
 - Scored 92 on a 100 point scale

- Intermediate cover layer of soil being placed on outboard West slope of Phase 7 & 7B
 - Utilizing clays harvested from site

- Ditch line has been completed along East edge of access road through Phases 6 & 7

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 April 26, 2016
 Auditor on site at: Open Close

TIME 12:20

WEATHER Overcast, complete Cloud Cover

WIND 0-5
 N S E W

TEMP Maximum 43 °F Minimum 38 °F B.P. 29.89

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

| No. | DESCRIPTION | Rented | Contracted | No. | DESCRIPTION | Rented | Contracted |
|-----|-------------|--------|------------|-----|-------------|--------|------------|
| 1 | Compactor | | | | | | |
| 1 | Dozer | | | | | | |
| 1 | Excavator | | | | | | |
| 1 | Haul Truck | | | | | | |
| | Water Truck | | | | | | |
| | Grader | | | | | | |

MAJOR EQUIPMENT BONEYARD

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

A. Working Face Size and Location:

Working face at Southwest corner of
Phase #3. No other working faces
in use today.



Cover Material:

Site brown clay from future phase 8, being used for out board slopes & daily cover

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

Comments:

Part not yet arrived for repair

D. Surface Water Management:

| | | | | |
|-------------------------|---|---|-------------|-----|
| Storm Events Since Last | # | 1 | Est. Volume | <1" |
|-------------------------|---|---|-------------|-----|

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

Basins draining RIL repairs showing some growth where seeded

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors

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 minimal about Active Area

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 & 8 Mile Road clean Site roads dusty

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"/> | # | 3 |
| Spotter: | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | # | |
| Random Load Inspection Dates: | 4/22/16 | | | |
| Tonnage: | 1,100 TPD | | | |

Comments:

MSW, Special Wastes only

J. Rejected Loads:

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

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

Boxes and E-waste container overflowing

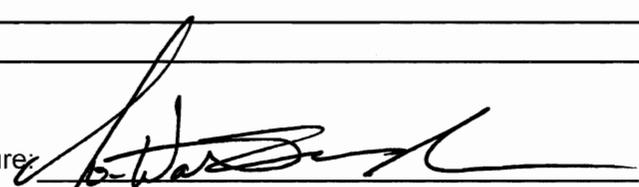
M. Other Comments:

* Site inspected by DNR on 4/22/16

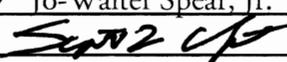
Scored a 92 on a 100 pt scale

* Outboard slope soil placement, intermediate cover, on West slope of Phase 7/7B clays from site

* Ditch line completed along East edge of Access Road through Phase 6/7

Auditor's Signature: 

Auditor's Printed Name: Jo-Walter Spear, Jr.

Management Signature: 

Management Printed Name: SCOTT CROFT

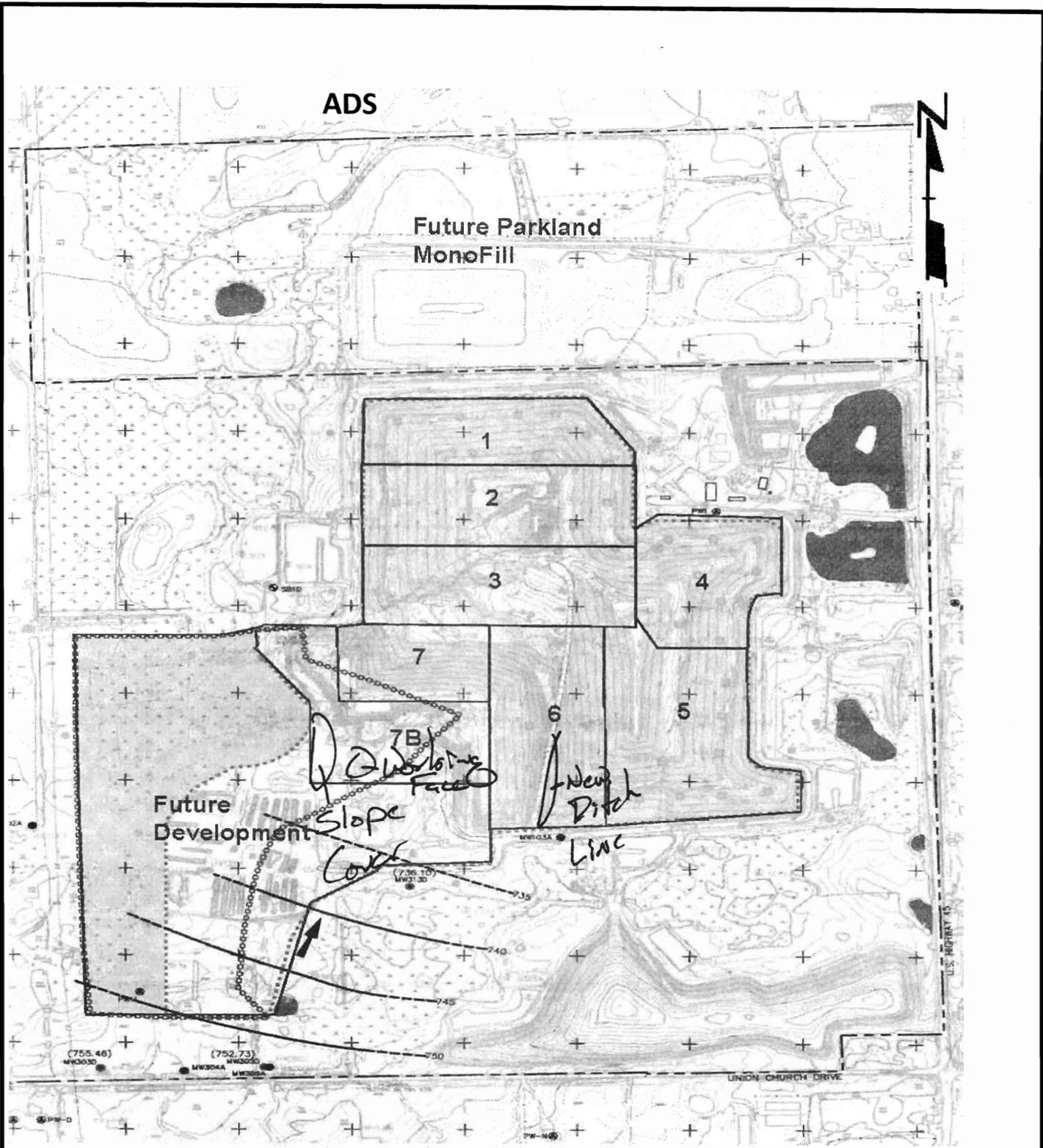
Management Title: Landfill Technician

JSA Principal Signature: _____

Date: 4/26/16

Date: 4/26/16

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



Repaired Ril at South slope of Phase 5 and 6 junction





Access road to active area, ditch refilling and grading completed



Top of Phases 3,4,5, and 6; soil being excavated for daily cover



Working face in Southwest corner of Phase 7



Working face in Southwest corner of Phase 7



Working face



South slope of Phase 3, being reshaped as soil is used for cover



Future Phase 8 excavation for intermediate cover placement



Southwest corner of Phase 7



West slope of Phase 7, additional cover soils placed



Junction of Phase 3 & 7



Temp sed basin, nearly drained



Additional soils placed on West slope of Phase 7/7B