



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 12/09/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of October 19, 2015. The audit was performed at 12:00 PM on **October 22, 2015** 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:

- Weather clear & sunny
- Working face in middle of Phase 7B
 - Only one active working face
 - No soil loads this week
- One compactor & two dozers working on site
 - One D6 and haul truck temporarily out of commission
- Daily cover consists of sands, recovered soils and tarps

- All leachate discharging to MMSD; no recirculation
- MMSD not accepting gas due to turbine and furnace issues
 - One flare and one blower in continuous use
 - Gas plant shut down
 - Vegetation in good condition

- One storm event since last audit; less than 1"
 - Basins nearly dry
 - Exception; one basin receiving water from temporary sediment basin during erosion repairs
 - Erosion repairs to Temporary sedimentation basin complete
- Minor odor Northwest of active area
- Liquid loads periodic

- Litter present on-site; clear off-site
 - Heavy winds earlier in week required aggressive picking
 - Litter currently under control
 - One picker working during audit
- US 45 and 8 Mile Road clean; site roads dusty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,200 TPD of MSW, special and C&D wastes
 - Random load inspection 10/16/15
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present
 - Boxes emptied recently

Comments:

- Gradient pump output and drain area discolored with iron-colored rusty stain
- Staining only at discharge area; does not extend to ditch.

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 <small>month/date/year</small>	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes



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

PROJECT NO. 1020.10030

DATE October 22, 2015
 Auditor on site at: Open Close

TIME 3:40
N:1

WEATHER Clear Sunny

WIND N S E W

TEMP Maximum 61 °F Minimum 57 °F B.P. 30.27

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Haul Truck	✓					
1	D6 Dozer	✓					

A. Working Face Size and Location:

Working face in middle of Phase 7.
Only one working face. No soil
loads ~~are~~. This week.



Cover Material:

Sands, covered soils, and tarps

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	#	Continuous		
Shutdowns Since Last Audit:	#	NA		
Flow to MMSD:	#	0	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

MMSD Not accepting gas due to turbine & furnace issues

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	< 1"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Basins nearly dry except for Basin receiving water from temp basin erosion repairs complete

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Minor odor Northwest of 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 under control. Rough winds early in the week, required aggressive picking

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

USHS & 8 Mile road clean. Side 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"/>	#	0
Random Load Inspection Dates:						10/16/15
Tonnage:	1,200					

Comments:

MSW, special, & C&D wastes only

J. Rejected Loads:

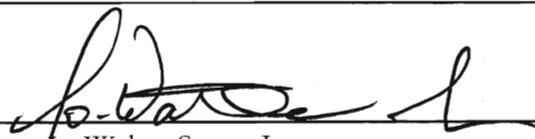
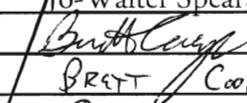
	Date/Time	Reason for Rejection
1.		None
2.		

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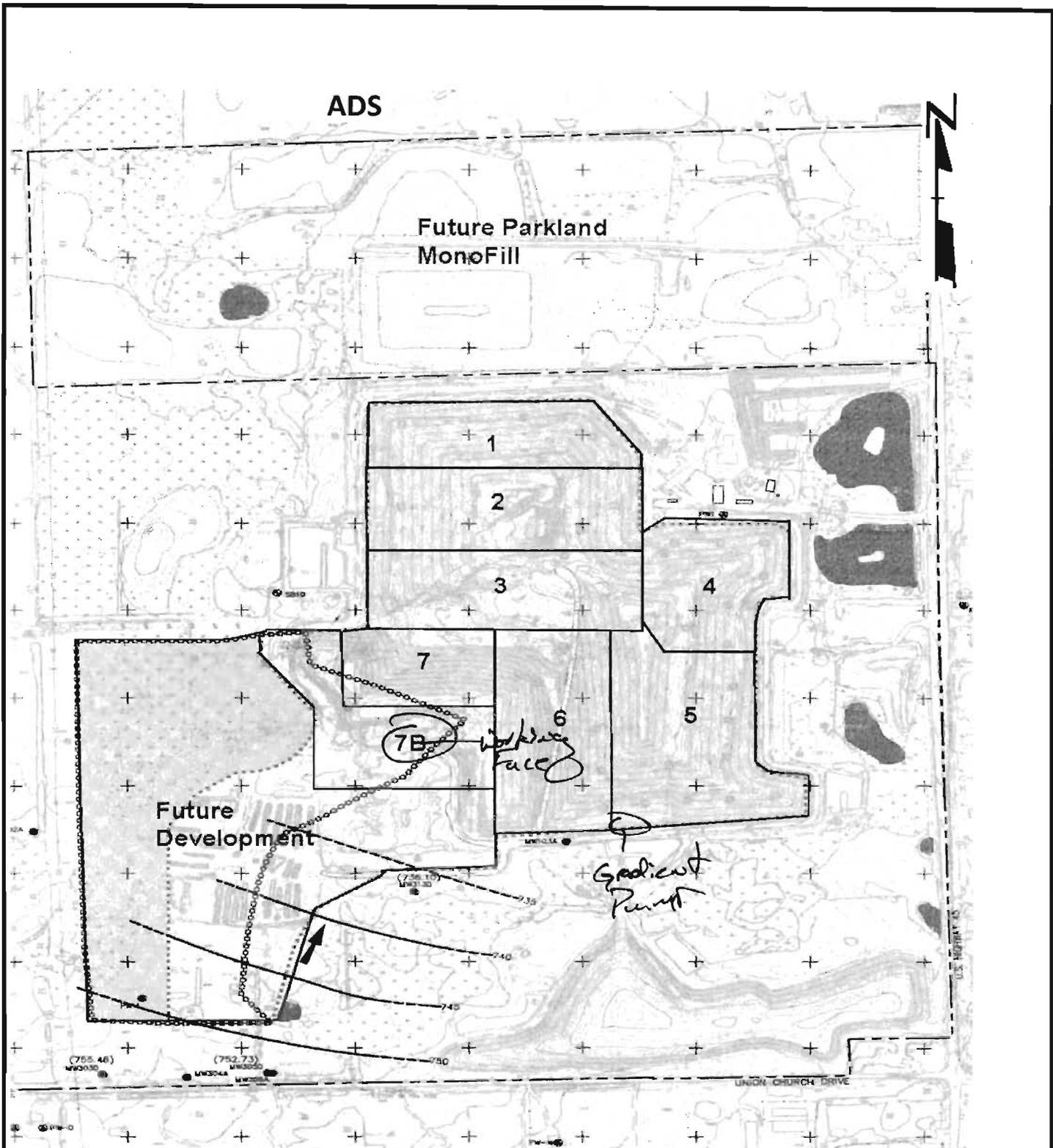
Boxes empty site clean

M. Other Comments:

* Gradient pump out of the drains have some staining from iron. Stain only at discharge, no staining in ditch

Auditor's Signature: 
Auditor's Printed Name: Walter Spear, Jr.
Management Signature: 
Management Printed Name: BRETT COOGAN
Management Title: OPERATIONS MANAGER
JSA Principal Signature: _____

Date: 10/22/15
Date: 10/22/15
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



Southern view of Emerald Park



Overview of Active area



Working face viewed from the North



Compactor working waste upward



Active area



Temp sed basin nearly drained. Better that tires are in the basin than in the landfill



Iron staining at toe drain and gradient pump discharge