



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 02/27/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of February 15, 2015. The audit was performed at 11:00 AM on **February 18, 2015** by Jo Spear, Jr. in the presence of David Greir, 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
 - Against South slope of Phases 3 and 7
 - Only one working face in operation
- Soil and polyfluff reclamation happening in Phase 7 above active working face
- Using recovered materials, soils & poly fluff, as daily cover
- One compactor, Dozer, Excavator and haul truck active on fill
 - D6 dozer in for maintenance
- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent
 - Gas plant delivering properly; 1,600 cfm
 - No flares in operation during audit
 - One blower in operation
 - Flares & Blowers used during regeneration only
- Dusting of snow since last audit; about 1"
 - Site conditions frozen
- No odors
- Periodic liquid loads
- Litter prevalent on-site due to high winds
- Minimal litter off-site
- Two pickers at work
- US 45 and 8 Mile Road clean; site roads dusty
- Scale camera in use; one equipment operator; no spotter
- Receiving approximately 1,480 tpd

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Demolition materials from a Special Project and MSW
- Two loads of expired beer queued to be tipped today
- Random load inspection 2/10/15
- No rejected loads

- Residential drop-off site clean
 - E-waste container present
 - Boxes empty

Comments:

- Contractor placing compost on West slope of Phase 7
 - Previously tipped Land-fill direct soil being recovered and reused as cover material along with polyfluff

- Cleaning of basin #1 beginning today
 - Will take couple of weeks

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



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

PROJECT NO. 1020.10030

DATE February 18, 2015

TIME 11:00

Auditor on site at: Open Close

WEATHER Clear, Sunny

WIND 10-45
 W S E W

TEMP Maximum 6 °F Minimum -9 °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
1	D6-Dozer		✓				

A. Working Face Size and Location:

Working face in Northeast corner of Phase II against South slope of Phase III. Only one working face in operation. Soil ~~reclamation~~ reclamation above working face. Poly fluff also being recovered for cover.



Cover Material:

Recovered land fill direct soils from Phase I
& Poly fluff recovered from Phase I

B. Leachate Management:

Discharge to MMSD Recirculation

Phases:

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	#		REGEN	
Shutdowns Since Last Audit:	#		REGEN	
Flow to MMSD:	#		1,600	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:

Gas plant operating properly

D. Surface Water Management:

Storm Events Since Last # 1 Est. Volume

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

Crusting of snow since last audit
Site conditions frozen

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"/>	# 2

Comments:

Litter prevalent due to high winds

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 & 3 Mile clean but dusty and dry

I. Inspection of incoming Waste:

Scale Camera Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	
Equipment Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	2/10/15			
Tonnage:	1,480 TPD			

Comments:

Demolition (Special Project) & MSW
Two loads of expired beer to be tipped today

J. Rejected Loads:

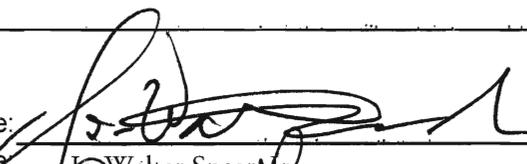
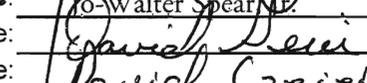
	Date/Time	Reason for Rejection
1.		None
2.		

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

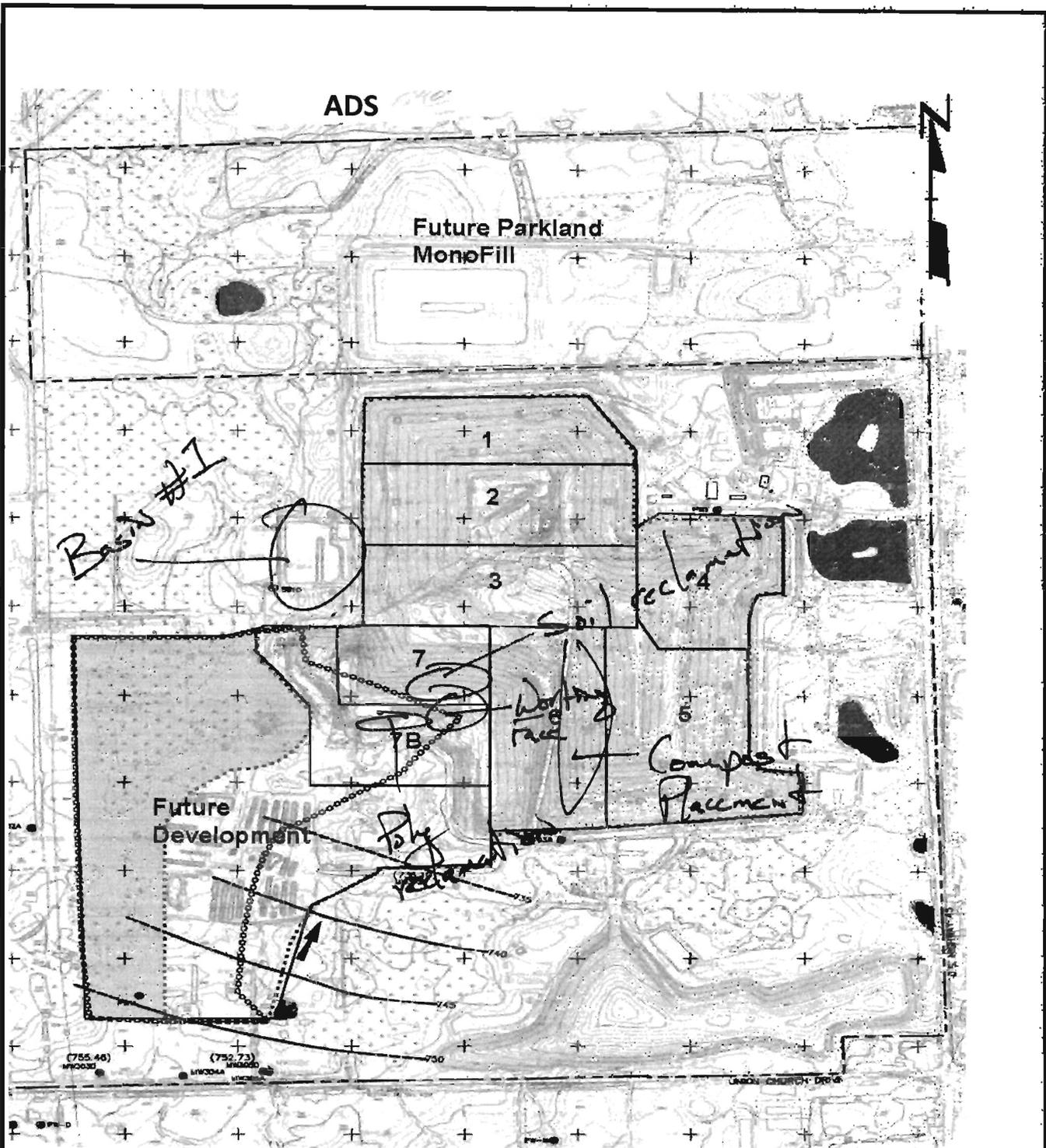
Boxes empty

M. Other Comments:

- * Compost being placed on West slope of Phase 7
- * Landfill direct soil previously tipped in Phase 7 being reused as cover materials along with Poly fluff
- * Basis #1 to be cleared over next couple weeks starting today

Auditor's Signature: 
Auditor's Printed Name: Jo Walter Spear
Management Signature: 
Management Printed Name: David Coe
Management Title: Operations Manager
JSA Principal Signature: _____

Date: 2/18/15
Date: 2-18-15
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



Working face viewed from the Southeast



Overview of site from Northeast



Overview of site from the North, Phase 3



Active area viewed from the North



Compactor active in working face



Active area viewed from East



Working face in Northeast corner of Phase 7B



Compost to be spread on the West slope of Phase 6