



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Jo-Walter Spear, Jr., P.E.
COPIES: File
DATE: 09/5/2013
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of September 2, 2013. The audit was performed at 3:15 pm on **September 5, 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 at Eastern edge of Phase 7
 - Access road filling to begin tomorrow connecting Phase 7 and overlap of Phase 5
 - No other working face
 - C&D stockpiles and landfill soils used for cover
 - Autofluff stockpiled until PCB concentration tested & approved
 - 1 Compactor, 2 Dozers & 1 Water Truck observed in use during audit
- Leachate discharging to MMSD
- One flare and one blower in operation; no shutdowns since last audit
 - MMSD not ready to receive LFG
- No storm events since last audit
 - Site dry
 - Basins dampness only from water truck
- No odors on or offsite
- Liquid loads periodic
- Waste continuously covered eliminating litter
 - 2 pickers active
- US 45 & 8 Mile Road clean; site roads clean; all roads dusty
- Tipping scale camera in use; 2 equipment operators; no spotters
 - Random load inspection on 8/31/13
 - Approximately 1,683 TPD
 - MSW only coming in
- Residential drop-off clean; e-waste container present

Attachments:
Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Access road to the Northwest completed
- Removal of old road and filling area with MSW begun
- Seeded areas showing some greening
 - Rain needed as some areas are out-of-reach for watering

- Construction audit
 - Excavation continues
 - Anticipating “flipping” clay for liner construction at end of September
 - “Flipping” involves moving clay from one area not fully excavated and using it to construct a liner in a fully excavated area
 - 3 Dozers, 2 Excavators, 5 Haul Trucks, 1 water truck and 1 grader active
- No quality control or quality assurance, yet

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

VEOLIA Emerald Park Landfill
Action Items Checklist
City of Muskego Audit

Opened: 5/09/2013

Updated: 5/09/2013

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes
1	5/09/2013	Seep in Rainflap, Southwest corner of Phase 7		ASAP	06/06/2013	28	All contact water is being treated as leachate and pumped back into Phase 7. Repaired liner with welds.
2	07/25/2013	Construction entrance open and unattended	NR530.10(11	ASAP	07/25/2013	0	David Geier, Site Manager, closed and locked gate during audit

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

PROJECT NO. 1020.10030

DATE August 27, 2015
 Auditor on site at: Open Close

TIME 12:45

WEATHER Clear, Sunny

WIND 10-15
 N E W

TEMP Maximum 92 °F Minimum 70 °F

B.P. 79.95

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
	Excavator						
	Haul Truck						
<u>1</u>	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face still migrating from West to East across Phase F. Nearly to access road.
Soils being tipped in Phase 3 and managed by dozer



Cover Material:

~~Auto~~ Auto Huff stockpile nearly ended
~~Miller testing~~ Miller Compressing not delivering

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

Comments:

MMSD issues preventing transport of gas

D. Surface Water Management:

Storm Events Since Last # 1 Est. Volume 41"

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

Basins only wet from water truck activities

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 Minimal

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 & Article Clean, site roads wetted during Audit

I. Inspection of incoming Waste:

Scale Camera Operator:	YES <input 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:	3/17/2013			
Tonnage:	1,700 TPD			

Comments:

Soils & MSW being received

J. Rejected Loads:

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

L.

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

Dumpsters Clean



M. Other Comments:

* Site monitoring completed
* Construction gate open, closed & locked
by Site Manager during Audit.

Auditor's Signature: _____

Date: 8/27/2013

Auditor's Printed Name: _____

Jo-Ann Spear, Sr.

Management Signature: _____

David Geier

Date: 8-27-13

Management Printed Name: _____

David Geier

Management Title: _____

Ops Manager

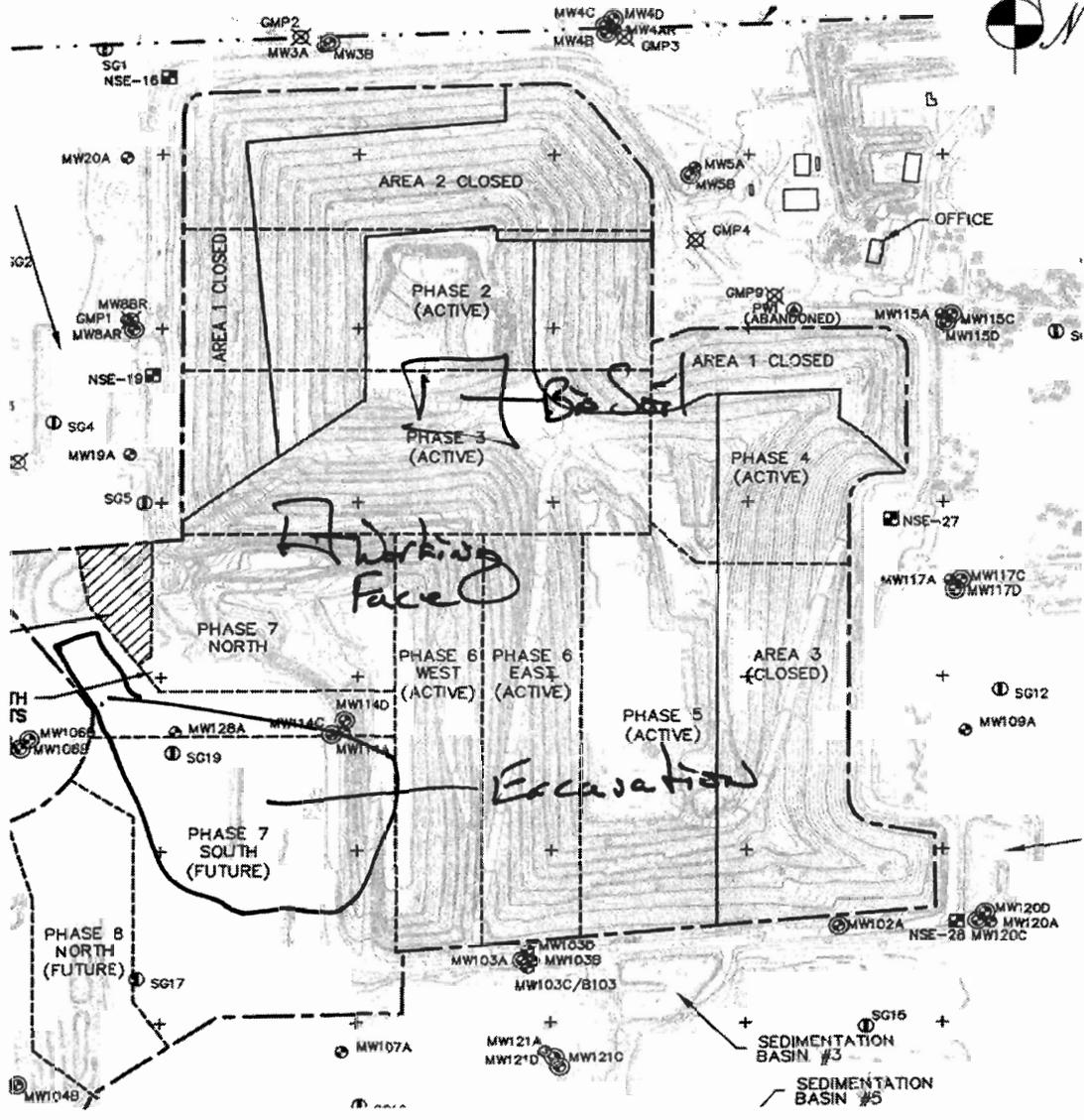
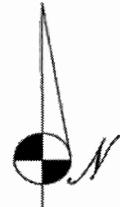
JSA Principal Signature: _____

Date: _____



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030



JSA
 WWW.JSACIVIL.COM
 325 WEST VINE STREET
 MILWAUKEE, WI 53212-3006
CIVIL ENVIRONMENTAL ENGINEERS

LANDFILL AUDIT MAP

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

PROJECT NO. 1020.10030

DATE 8/27/2013

TIME 1:20

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
	Compactor						
3	Dozer						
3	Excavator						
3	Haul Truck						
1	Water Truck						
	Sweeper						
2	Scraper						

A. Work Accomplished Today (Scheduled & Completed):

Area nearest Phase 7 temporary basin
 reaching documentation depths
 Soil being transported only to Future Parkland
 Stock piles.

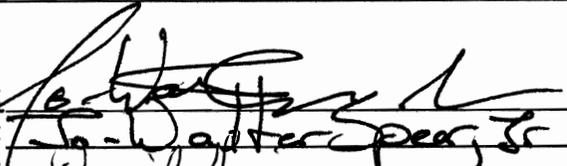
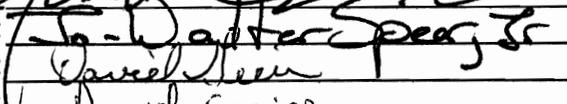


B. Excavations / Soil Management:

No QA/QC as of yet

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2	NA	
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: 
Auditor's Printed Name: John Walter
Management Signature: 
Management Printed Name: David Coe
Management Title: Ops Manager

Date: 8/27/2013
Date: 8-27-13



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

PROJECT NO. 1012.10030



Bio soil management



Active area covered



Working face



Working face



South slope of Phase 7, diversion berm construction will begin soon so that temp sed basin can be removed



Excavation area



Excavation area, darker soils are nearing documentation point



Cleared area before Western stockpile



Eastern most stockpile in Future Parkland