



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego

FROM: Faith Spear.

COPIES: File

DATE: 06/04/14

PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of May 12, 2014. The audit was performed at 3:05 PM on May 16, **2014** by Jo Spear, Jr. in the presence of David Geier. Operations manager.

Landfill Operations Audit:

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

- Working face for MSW & Landfill Direct Soils in middle of Phase 7B
 - Biosoils being received in Phases 2 & 3
- One compactor, one dozer, and one excavator in operation
 - D8 dozer in boneyard
- Using soil for cover
 - Cover in good condition
- No flares in operation
 - One flare has worked since last audit
 - One blower on line
 - One shutdown since last audit
 - Shutdown due to moisture content
 - Gas flow to MMSD approximately 1,500 cfm
 - Vegetation fair
- Two rain events since last audit; approximately 1"
 - Ditches drained
 - Plenty of free-board in basins
 - Erosion repairs to be done after Terra is finished with field work on wells
- Minor gas odors on access road to Phase 3 thru 5
- Two liquid loads received during audit
 - Directed to active working face
- Litter on-site, but clear off-site
 - Two pickers working
 - Picking around edges of Phase 7B
- US 45 and 8 Mile Road clean; site roads dusty and gritty
- Scale camera in use; 1 equipment operator; no spotter
 - Receiving approximately 3,000 TPD
 - Tonnage greatly increased due to soil loads
 - Random load inspection on 5/16/14
 - No rejected loads

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Residential Drop-Off open, but not active
- DNR site visit since last audit
 - NON noted
- Waste materials (concrete) outside of lined area of Phase 7B were removed prior to audit

Construction Audit:

- Two dozers, 2 excavators and 3 haul trucks at work during audit
- Terra efforts directed to improvements to gas field & wells
 - Terra done for day at time of audit
- Mueller doing cosmetic earthwork
 - Top soil placement on stockpiles ready for seeding
- Mueller excavating to South of Phase 7B to obtain dressing soils for slopes
- Mueller hauling soils and back-dragging clean fill about Phase 7B

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 May 16, 2014
 Auditor on site at: Open Close

TIME 1:50

WEATHER Overcast with some sun

WIND 0-5
 N 0 W

TEMP Maximum 47 °F Minimum 39 °F B.P. 30.04

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>	<u>D8 Dozer</u>						

A. Working Face Size and Location:

~~Working face in south middle portion of Phase 9
 less than 1/2 acre in size. Irregular cover
 areas in good shape.~~
 Working face from MSW & Landfill Direct soil
 in middle of Phase 7B and Bio soils
 being received in Phase 2 & 3



Cover Material:

~~Soils & ~~Asphalt~~~~

Cover in good condition

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
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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	#	1		
Shutdowns Since Last Audit:	#	1		
Flow to MMSD:	#	1,500	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Shutdown due to moisture content.

D. Surface Water Management:

Storm Events Since Last	# 2	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:

Ditches drained, Business have freeboard
Erosion Repairs to be done after Terra finished
Well field work.

E. Odor Control:

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

Minor Gas odor on Access Road to Phase 3-5

F. Liquid Loads Received:

Periodic - During Audit



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 picking about edges of Phase 7's
During audit

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 & B Mile Clean
Side Roads dusty & gritty

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"/>	#	
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	5/16/14			
Tonnage:	~ 3,000 TPD			

Comments:

Tonnage greatly increased by soil loads

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L.

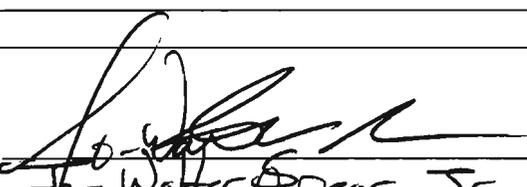
Residential Drop Off:	Open During Audit <input checked="" type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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Open but not active

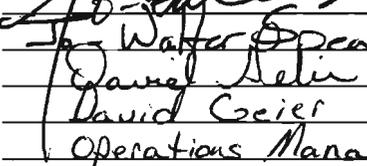


M. Other Comments:

* DNR visit during the weeks indicated
Waste materials (concrete) were outside listed
area of Phase 7B. Corrected prior to Audit

Auditor's Signature: 

Auditor's Printed Name: J. Walter Spear, Jr.

Management Signature: 

Management Printed Name: David Coeier

Management Title: Operations Manager

JSA Principal Signature: _____

Date: 5/16/14

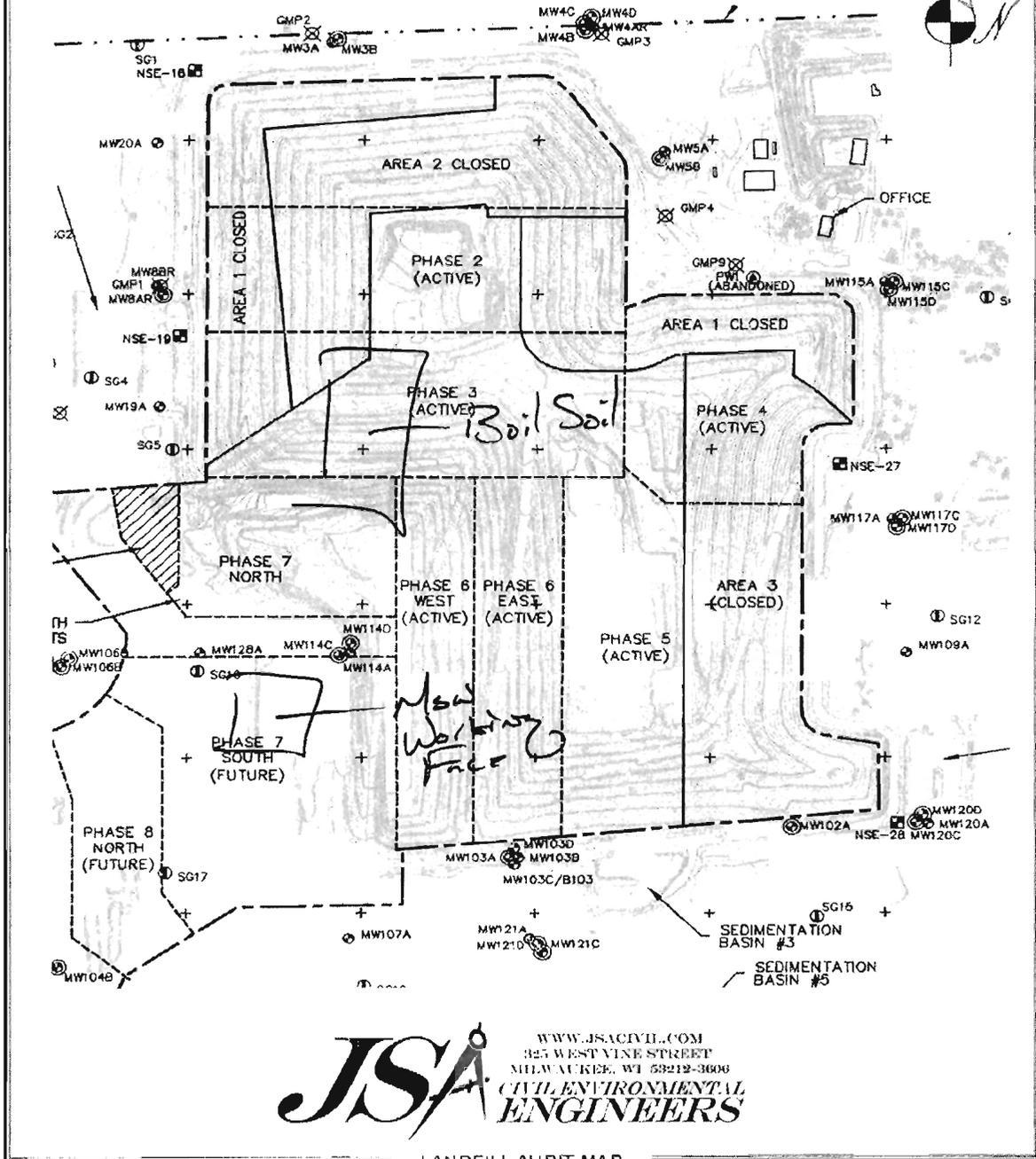
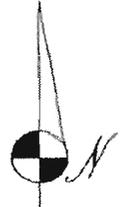
Date: 5-16-14

Date: _____



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030



JSA CIVIL ENVIRONMENTAL ENGINEERS
 WWW.JSACIVIL.COM
 325 WEST VINE STREET
 MILWAUKEE, WI 53212-3608

LANDFILL AUDIT MAP

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

PROJECT NO. 1020.10030

DATE May 16, 2014 TIME 8:00

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

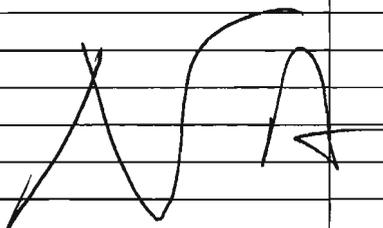
- * Terra ongoing efforts for gas field improvements
- * Mueller doing cosmetic earthworks, top soil placement on stock piles for seeding.
- * Terra done for the work day, prior to audit
- * Mueller hauling soils and back dragging clean fill about these 73

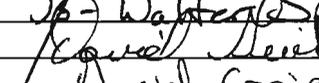


B. Excavations / Soil Management:

Mueller excavating South of Phase 7's
Soil slope dressing about site

C. Off Site Hauling

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

Auditor's Signature: 
Auditor's Printed Name: J. W. Spear, Jr.
Management Signature: 
Management Printed Name: David Coeier
Management Title: Operations Manager

Date: 5/16/14
Date: 5-16-14



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

PROJECT NO. 1012.10030



Phase 4, Northeast slope, restored soils after gas management system installation. Seeding will be at end of gas management system construction.



Headers placed during last audit have had trenches backfilled.



Management of Bio-soils on Phase 3



Repaired slope, West slope of Phase 6, after gas management system installation.



Active area viewed from North



Landfill direct soil to be used for cover



Working face viewed from Northeast



Active Area viewed from the Northeast



Dozer cleaning and backdragging soil South of Phase 7B



Berm along West edge of Phase 7B