



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

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

FROM: Faith Spear.

COPIES: File

DATE: 06/03/14

PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of April 28, 2014. The audit was performed at 12:10 PM on April 30, **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 on NE corner of Phase 7B Landfill Direct Soils
 - Receiving MSW & C&D
 - C&D set aside for use to aid daily cover placement
 - One compactor and one dozer in operation
 - D8 dozer in boneyard
- Using autofluff, as available, for cover
 - Soils, C&D and wood seconds filling in as cover, too.
- Some leachate discharging to MMSD
 - Leachate also going into Phase 6 W
- No flares in operation; one blower working
 - One flare has been used since last audit
 - One shut-down since last audit
 - Consistent delivery of approximately 2,000 cfm of gas to MMSD
- Three storms since last audit; less than 2 "
 - Basins have free-board
 - Ditches have low volume flow
 - Toe drains flowing
- No odors
- Liquid loads periodic
- Litter present on-site; clear off-site
 - Two pickers active
 - Minimal litter around active area
- US 45 very gritty; 8 Mile Road clean; site roads gritty and muddy in places
- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 2,000 TPD
 - Random load inspection on 4/25/14
 - No rejected loads
 - MSW and Construction & Demolition Wastes coming in
- Residential Drop-off area clean; boxes mostly empty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Site receiving wood chips for use as cover and road base
- Site pursuing other daily cover alternatives due to shortage of autofluff
- Mueller construction back on schedule
 - Schedule changes due to weather & wet soil
- Temporary sediment basin pump off during audit
 - Pump will be turned on this afternoon

Construction Audit:

- Two excavators and one Bobcat in use
- Installing wells in Phases 5,6 & 7
- Running header connections

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 April 30, 2014

TIME 12:10

Auditor on site at: Open Close

WEATHER Overcast with some Sun

WIND 10-15
 N E W

TEMP Maximum 52 °F Minimum 41 °F

B.P. 29.69

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	DB Dozer	✓					

A. Working Face Size and Location:

Working face N Northeast corner of Phase 7B
Site receiving MSW, C&D being
received in Phase 7B. C&D being used
to aid daily cover placement.



Cover Material:

Autoglyff available, soils, CED, & wood seconds
in use for daily

B. Leachate Management:

Discharge to MMSD Recirculation

Phases: 6W

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"/>	#	
Flare use since last audit	#		1	
Shutdowns Since Last Audit:	#		1	
Flow to MMSD:	#		1,500 cfm	

Vegetation Condition: Good Fair Poor Dead

Comments:

Consistent delivery to MMSD

D. Surface Water Management:

Storm Events Since Last # 3 Est. Volume 72"

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

Russia's landscape board, toe drains flowing
ditches low flow

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:

Minimal litter 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 Clean, Site roads gritty & Muddy in spots

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:	4/25/14			
Tonnage:	~ 2,000 TPD			

Comments:

MSW and Construction/Demolition Wastes being reviewed.

J. Rejected Loads:

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

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

Site Clean, boxes mostly empty



M. Other Comments:

* Site receiving wood chips for cover of road base.

* Mueller construction set back on schedule due to weather conditions and wet soils.

* Temp Sed Basin pump off during audit but will be turned on this afternoon.

* Site pursuing other daily cover alternatives due to lack of autofluff.

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Date: 4/30/14

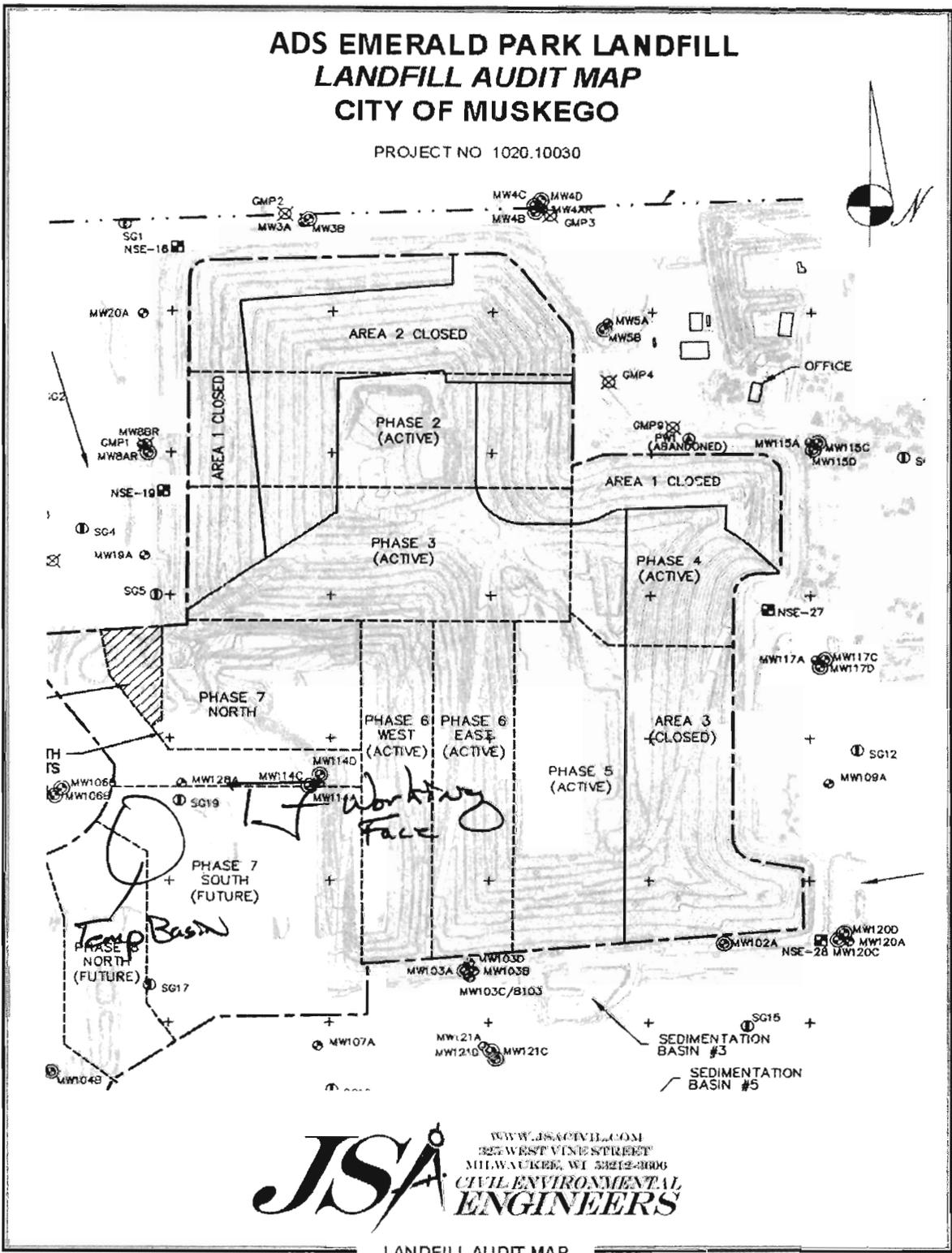
Date: 4/30/14

Date: _____



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO 1020.10030



JSA CIVIL ENVIRONMENTAL ENGINEERS
 WWW.JSA.CIVIL.COM
 325 WEST VINE STREET
 MILWAUKEE, WI 53212-3800

LANDFILL AUDIT MAP

B. Excavations / Soil Management:

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: [Signature]
Auditor's Printed Name: Joseph A. Speer, Sr.
Management Signature: [Signature]
Management Printed Name: David Geiser
Management Title: Operations Manager

Date: 4/30/14
Date: 4/30/14

