



MEMORANDUM

Advanced Disposal Services Emerald Park Landfill Audit Summary

To: ADSEPL Standing Committee, City of Muskego
FROM: Anna Krajcik
COPIES: File
DATE: 04/03/13
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of April 29, 2013. The audit was performed at 12:45 pm on **April 30, 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 moving westward along south edge of Phase 7 at top of slope. Working face at approximately ½ the distance between North and South end.
 - Wet soils tipped at southeast corner of Phase 7 will be relocated when it dries out
 - Autofluff volumes down, but soil and woodchips available and in use
- Some surface application from future parkland
- One flare and one blower in operation,
 - Gas supply to MMSD during operating hours, not delivered during audit
- One storm event since last audit, ~1"
 - Very minor rain event since last audit, no new erosion
 - Basins about ½ full, no additional erosion
- Some garbage odor on site from active area
- No liquid loads received
- Litter in fences and about Phase 1-3 due to wind directions
- US 45 and 8 Mile Road dusty, left turn lanes dirty and dusty
- Tipping scale camera and equipment operators inspecting waste
 - Random load inspection date 4/26/13 ~1600 tpd
 - Soil loads up, mostly landfill direct soils
- Residential drop off not in use during audit, E-waste container pick up 4/29/13
- Site awaiting haul truck this week to empty roll-off
- Temporary sediment basin still pumping down for next rain event
- New fencing for little control to be installed this week
- D6 Dozer repairs will take another week due to shipping times for parts

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



MEMORANDUM

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Action Items List / Landfill Operations Audit Form
Audit Photos

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

PROJECT NO. 1020.10030

DATE April 30, 2013
 Auditor on site at: Open Close

TIME 12:45

WEATHER Clear Sunny & Dry

WIND N (S) E W 20-45

TEMP Maximum 83 °F Minimum 60 °F

B.P. 29.76

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 musing westward along South edge
of Phase 7 at 100% slope. Working face at
approximately 1/2 the distance between North & South
end. Wet soils tipped at Southeast corner
of Phase 7 will be relocated when dryer



Cover Material:

Auto-huff volumes down, but soil & wood chips available and used

B. Leachate Management:

Discharge to MMSD Recirculation

Phases:

Some surface app. from future Parkland

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input checked="" 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:			#	cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas supply to MMSD during operating hours
Not delivering during audit

D. Surface Water Management:

Storm Events Since Last # / Est. Volume ~ 1"

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

Very minor rain events since last audit, no new erosion
Basins about 1/2 full. No additional erosion

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Some garbage odor onsite from active Area

F. Liquid Loads Received:

None



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"/>	# 4

Comments:

Litter is present and about Phases 1-3 due to wind direction

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 & E Mile Wdwy left turn lanes dirty & 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"/>	#	
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						7/26/2013
Tonnage:	2 1/2 tons TPD					

Comments:

Soil loads up, mostly landfill lined soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

E-Waste picked up 7/29/13



M. Other Comments:

* Site awaiting local trucks this week to empty roll offs

* Temp sed basins still pumping down for next rain events

* New fencing for litter control to be installed this week.

* D6 Dozer repairs will take another week due to shipping times for parts

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Date: 4/30/13

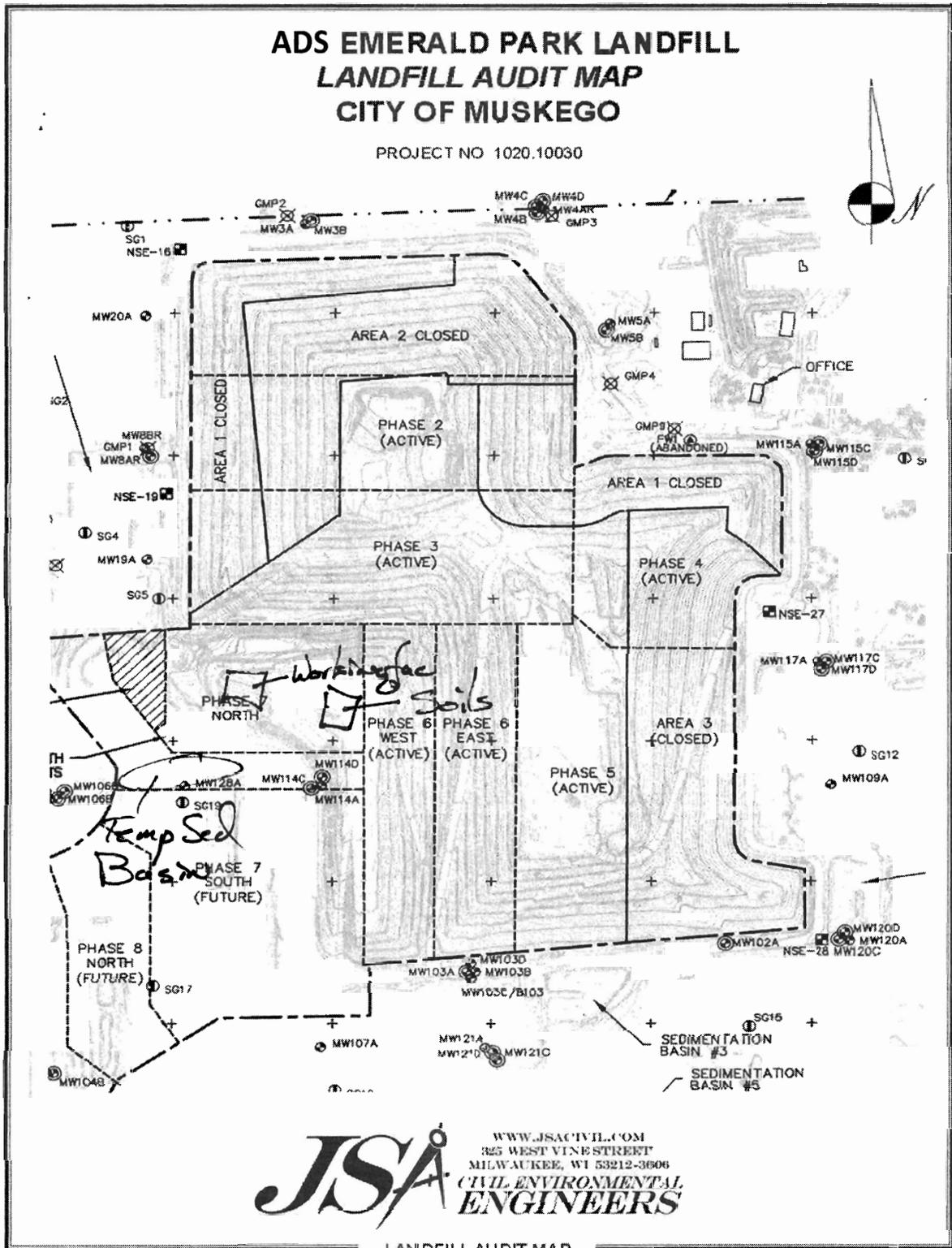
Date: 4/30/13

Date: _____



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO 1020.10030




JSA
 WWW.JSACIVIL.COM
 265 WEST VINE STREET
 MILWAUKEE, WI 53212-3606
**CIVIL ENVIRONMENTAL
ENGINEERS**

LANDFILL AUDIT MAP

VEOLIA Emerald Park Landfill
Action Items Checklist
City of Muskego Audit

Opened: 3/20/2012

Updated: 4/16/2012

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes
1	3/20/2012	More than 1' of leachate head upon the liner of Phase 7	503.10(d)	ASAP	4/13/2012	24	Leachate ponding in new Cell, drained by pumping

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



Active area out to working face



Active area

JSA *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street
Milwaukee, Wisconsin 53212



Soils being relocated for cover and disposal



Soils drying for future placement



Active area, tipping location



South temp sed basins, Western most drained, Eastern awaiting pump relocation



Previously covered areas on South slope of Phase 7



Working face



Active Area viewed from the South



Working face viewed from the Southwest