MH / KH / File

Monitoring Report

Distribution: Mark Hans; P.E., Regional Materials Management Engineer (MH)
Kevin Hintz, P.E., NYSDEC (KH)
Joseph Boyles, Hyland Landfill Manager
Robert Jones, Supervisor, Town of Angelica

Facility Name: Hyland Landfill

Facility Number: 02S17

02S17
Releasable
Non-Releasable

Date: January 17, 2012

Reporting Period: December, 2011

Facility Monitor: John Munn (JM)

Summary

Compliance monitoring visits were made December 7, 13 and 22. The monthly inspection was made December 29.

General Operations:

Waste Placement: Waste was placed at the top of Cell 2 and 3, parallel to the south face. Compaction was adequate.

Daily Cover: Cover needs improvement. Protruding or uncovered waste noted on the east slope would be covered as weather permitted. Application of cover under darkness makes assessment difficult; assessment at the end of daily of operations was inconclusive due to lack of available light.

Road maintenance/Dust Control: Peacock Hill Road and Herdman Road were maintained and kept free of tracked waste. The tire wash was operational and was observed in use.

Litter: Litter was only a minor problem during the month and did not extend beyond the fence lines. Litter was picked up and not allowed to accumulate.

Storm Water Management: Grading and replanting repairs to detention basin #2 will be done in the spring.

Leachate Management: Both leachate impoundments were in service during the month and leachate levels were maintained at approximately 10-11 feet. The impoundments were not cleaned and inspected during the year, as required by the permit.

Operational Complaince: Hyland is not in compliance with its permit condition to clean and inspect its leachate surface impoundments.

Other: Muddy conditions continued during the month. At times, waste haulers were towed to the top of the waste mound by Hyland's bull dozer, a situation which, at one time, resulted in fourteen vehicles queued in waiting for a tow to the top. The mud and conditions also contributed to delays in the corrective work required on the south slope.

On December 19, two trailers set off the radiation alarms at the entrance gate. An initial assessment of Hyland's monitor data by DEC's Radiological Sites Section staff was inconclusive. In later correspondence between Joe Boyles and DEC's Thomas Papura, Joe noted radiation levels reduced by about 50% within a week's time. That attenuation, and the gamma radiation's energy peak at 360k eV confirmed the likely source of the radiation was Iodine 131. When radiation levels attenuated, the Department approved the burial of the waste held in the trailers.

Cell 4 Construction: By month end, cell 4a construction was complete. The leakage rate was being assessed.

Environmental Issues

Odor Complaints: At various times during the month, ten individuals reported odor complaints. Six cited odors at their residences located throughout the village, and other locations included Gibson Hill Rd, proximate to Angelica's I-86 exit and Peacock Hill Rd.

On December 29, 12:15-12:45 PM, the date of the monthly inspection, landfill odors were detected along a common south west wind vector by JM at the village/town boundary on East Main St, on Peacock Hill Rd and Herdman Rd. The odor was noticeable but did not rise to the regulatory nuisance threshold so no violation was issued.

South Slope Issues: The south slope remains a problem with surface leachate being channeled across the slope in two trenches to a sump located at the western edge of cell 3. The sump hole receiving the slope's leachate drainage was slowly draining due to silting. The sump needs monitoring to ensure it remains functional over the winter, and especially as accumulated snows melt. Leachate remains standing in pools on the slope. In places along the slope, perched leachate saturates the soil and appears to be slowly weeping through the cover and collecting in a runoff drainage ditch that runs along the cell 3/cell 4 anchor trench. Landfill gas is venting at numerous places and has also been discovered venting from the drainage stone located at the cell 4 tie-in with cell 3's anchor trench.

On December 30/31, efforts were underway to place additional soil over the weeping areas of the south slope, cover over the leachate drainage sumps (and their exposed waste), and apply an intermediate cover over the slope.

Areas of Concern

- The south slope remains the major concern with leachate breakouts, surface gas vents and incomplete intermediate cover.
- As temporary control measures, the leachate interception trench and its sump remain a threat and require vigilant monitoring to ensure berms are not breached and drainage is effective so leachate is not released into the storm water.
- As of December 31, application of intermediate cover over the south slope is not complete.
- Leachate inventory in the impoundments is a heightened concern due to the open south slope's potential to generate large volumes of leachate.
- Odor complaints are becoming more frequent.
- Presence (or absence) of offsite odors from the landfill continue to be monitored. Hyland's weather station was inoperative during the month.
- Though leachate impoundment levels are kept in check, greater freeboard is recommended.
- A new target date to complete remedial work on the south slope and complete application of intermediate cover needs to be set.

Areas of Progress

- Limited progress was made with the south slope during the month.
- Hyland's weather station is operative.
- A well pump service cart was built to facilitate leachate removal from the south slope wells.
- Plans to remediate the south slope problems are more developed. By month end, additional soil had been placed on the slope and plans/efforts were underway to tie in additional gas collection vacuum lines to reduce odors, to bring electrical power to the south slope so leachate pumps could be operational on a 24-hour basis, to build a leachate collection pipe to replace the 600-700 foot leachate trench.

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 12/7/11, 1^15 - 4^45 pm

Weather Snow flurries, 30's, overcast, N wind.

Inspector John Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Leachate in south slope stormwater drainage ditch - entering into stormwater runoff, flowing slowly into surface water ~~stream~~. discharge + sediment basin.

OBSERVATIONS/ CONCERNS/PROGRESS

1. No odors noted in Village, town, County Rt 2, Peacock Hill or Herdman Rd.
2. Minimal tracking on roadway.
3. Sumphole is OK.
4. Odors noticed south of landfill along roadway to retention pond #3. Terry said one gas engine is down - started flare to increase vacuum.
5. 14 Trucks lined up up / que to be pulled up slope. ~15 minutes / truck.
6. Trucks using tire wash.
7. C+D being dumped on SW corner + reloaded by Hyland for road bed use
8. Cell 1 Primary is not reading correctly. High level indicator on.

This form given to: Terry Lucas

Cell 1 groundwater not reading correct.

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 12/7/11 Time 1:30 pm Inspector JOHN MUNN

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	-34.4		13.8		6.7		9.2		19.6		9.3	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	1.0		6.1		13.1	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes:
Cell 1/2 High level light on
Bad readings Cell 1 primary
South Bay Gravel has not yet been repaired

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary (North)		Bay 1 Secondary (South)		Bay 2 Primary (North)		Bay 2 Secondary	
Reading	Bubbler	10.0	Bubbler	12.0	Bubbler	10.7	Bubbler	5.1	Bubbler	9.5	Bubbler	5.5
	Flow Control	9.9	Flow Control	12.7	Flow Control	11.1	Flow Control	4.9	Flow Control	9.4	Flow Control	5.2
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	11'	(Stick is 16')		Bay 2 Estimate	10'		
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓			

Cell 3 Riser Building: Warning Lights (check if lit) No Lights		AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure

Leachate Impoundment Warning Lights (check if lit)		AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm

Hey Boys. 12/7/11 K Hunter 9:30AM

- Leachate standing in spots on south slope
- Protruding waste on east slope, near top, south of access road.
- 1.1 mil gallons of leachate hauled during December
- old access road covered with spray / black waste. Needs to be removed & buried in landfill.
- Need cover on east slope where waste filling has just been finished.

Goin to Texas Land.

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 12/13/11 2:15 pm

Weather Sunny, some clouds, some (~<5%) snowcover, 30's-40's

Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Litter on north slope & north fence line (Wind blown (ABOUT 10) white plastic bags)

Cell 1 primary meter not reading leachate level. - level is over limit

Leachate breakouts downgradient of leachate trench on south slope

OBSERVATIONS/ CONCERNS/PROGRESS

Saturated south slope soils - gas venting

Berm of soil placed along east slope road downgradient of drill cuttings.

No offsite odors (Gibson Hill, Peacock Hill, CR 2, Village of Angelica) On site odors to south - Winds are still

Road work good - very little tracking

This form given to: Terry Lunn

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 12/13/11 Time 2:30 pm Inspector John Mann

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	–		13.9		7.8		9.2		19.8		9.3	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	17.9		2.4		4.7	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: Cell 1 Primary pumping @ 3 gpm
Indicator is "over limit"

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	1.7	Bubbler	11.6	Bubbler	11.8	Bubbler	4.7	Bubbler	9.6	Bubbler	5.7
	Flow Control	1.8	Flow Control	12.3	Flow Control	12.2	Flow Control	4.6	Flow Control	9.5	Flow Control	5.2
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	~~10'6"~~ 11'	(Stick is 16')		Bay 2 Estimate	10'6"		
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓			

Cell 3 Riser Building: Warning Lights (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
			✓		✓
	Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure

Leachate Impoundment Warning Lights (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary
			✓			✓
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm
				✓			

DAILY INSPECTION REPORT

FACILITY: Hylands

DATE & TIME: 12/22/11 3:00pm

WEATHER CONDITIONS: Cloudy, 40's.

INSPECTOR'S NAME: Kevin Hintz

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

1) Wind blown papers being picked up

2) Uncovered waste on EAST SLOPE, TOP, NEAR end of old access road. Will be covered as soon as weather allows

3) Access Road into landfill heavily rutted. Under constant maintenance due to excessive rain.

4) Primary pump for Cell 4 is running. Only 82 inches of water in cell.

5) Secondary pump for Cell 4 is operating. Less than 1 gal/acre/day for PLR, so far.

6) No trailers w Radioactive waste on have to sit. Levels do not seem to be going down after 6 days.

This form given to: Terry Lunt

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 12/29/11 Time 13:20 Inspector JOHN MUNN

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	19.2		14.1		9.3		9.2		20.5		14.9	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	~~14.8~~ 183.4		~~183.9~~ 0.3		~~0.5~~ 6.4	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: Cell 1 Primary has leak @ meter - icing drips

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	7.5	Bubbler	16.1	Bubbler	10.3	Bubbler	4.1	Bubbler	11.0	Bubbler	5.7
	Flow Control	7.5	Flow Control	16.6	Flow Control	10.6	Flow Control	4.0	Flow Control	10.9	Flow Control	5.3
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	11' est	(Stick is 16')		Bay 2 Estimate	11		
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)							
	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓		✓	

Cell 3 Riser Building: Warning Lights (check if lit)					
AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump	
		✓		✓	
Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure	
✓					

Leachate Impoundment Warning Lights (check if lit)						
AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary	
		✓			✓	
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm
					✓		

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT

(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
Hyland Landfill	Angelica, NY	02S17	2 29 ~~2 3~~	1705
INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES		
John Munn	M	Terry Lunn, Operations Manager		
REGION / WEATHER CONDITIONS		DEC PERMIT NUMBER		
9 / Overcast, Gusty Winds (South) 30's Some Light Flurries		9-0232-00003/00002-		
SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-		
1 OF 1	☐ Yes ☒ No	Attached		

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☐	☒	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). N/A
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☐	☒	☐	d. Bulk Liquids. 360-2.17(k). N/A
☐	☒	☐	e. Whole Tires. 36-0-2.17(v). N/A
☐	☒	☐	f. Lead Acid Batteries. 360-2.17(w). N/A
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☒	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☒	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☒	☐	c. Permit Application Records. 360-1.14(i)(3).
☐	☒	☐	d. Monitoring Records. 360-1.14(i)(4).
☐	☒	☐	e. Facility Operator Records. 360-1.14(u)(1).
☒	☐	☐	f. Fill Progression Log. 360-2.9(e).
☒	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☒	☐	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2).
☒	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☒	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m). A number of off site odor complaints received in past month, see below
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.17(g). South slope repairs are needed to minimize leachate
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☒	☐	☐	b. Asbestos Waste. 360-2.17(p)(3).
☒	☐	☐	c. Tanks. 360-2.17(r).
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c). Needs improvement to minimize odors
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).
			MONITORING
☒	☐	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☒	☐	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c). Gas collection system
			OTHER
			On Continuation Sheet identify any other violations.

Off site odors noted today on East Main St. @ Town/Village line at 4783 East Main St. and (North of Herdman Rd) on Peacock Hill Rd. @ intersection ~12 45 PM. – Wind direction consistent with odor locations
~~Odors also noted on 12/3 along Gibson Hill Rd~~

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Joseph Boyles
Individual in Responsible Charge (Please print)

[signature]
Inspector's Signature

[signature]
Signature Date

REGIONAL OFFICE COPY

MH/KH/File

Monitoring Report

Distribution: Mark Hans; P.E., Regional Materials Management Engineer (MH)
Kevin Hintz, P.E., NYSDEC (KH)
Joseph Boyles, Hyland Landfill Manager
Robert Jones, Supervisor, Town of Angelica

Facility Name: Hyland Landfill

Facility Number: 02S17

02S17

Date: December 16, 2011

Reporting Period: November, 2011

Facility Monitor: John Munn (JM) dcg for

Summary

Compliance monitoring visits were made November 2, 15, 23 and 29. The monthly inspection was made November 30. JM attended a meeting held WITH the Division of Air Resources on Friday, November 4 to discuss DAR permitting issues where Hyland introduced Max Stanish, P.E., Hyland's new compliance engineer.

General Operations:

Waste Placement: No problems were noted with waste placement.

Daily Cover: Adequacy of daily cover could not be inspected. Hyland begins stripping cover at 6:30 AM before daylight, and operates after dusk (about 5:00 PM). Muddy conditions delayed operations well past sunset on November 15 and cover operations were done under the light from vehicle headlights. It was impossible as an observer to assess the adequacy of the daily cover under the conditions. This situation will continue for at least another two months when the sunset falls later in the evening.

Road maintenance/Dust Control: On November 2, inadequate dust control was noted. Peacock Hill Road was maintained and kept free of tracked waste.

Litter: Though litter was noted, it was only a minor problem during the month.

Storm Water Management: There were no issues with storm water runoff. Storm water ditches were dressed with stone and check dams. Detention basin #2 had collected storm water and the fore-basin which had been excavated to remediate last month's leachate release was filled. Remedial work remains to repair the surface damage caused by the construction equipment and to replant grass and cattails.

Leachate Management: Hyland was unable to empty either impoundment for permit required maintenance. By month end, impounded leachate had returned to normal high operations levels. Considering the loss from October's release, it appears that significantly more leachate was generated during the month than was hauled for treatment. Riser well sensors were repaired and recalibrated by the November 2 visit. On November 23, the north leachate basin was being emptied for inspection but subsequent rains refilled the basin with leachate and the basin was not inspected in November.

The pro Control system to report leachate levels was down for two weeks due to a power failure of an un-interruptable power supply (UPS). The UPS is an off-the

Complaince: Some lapses were noted during a records audit. Random vehicle inspection records were missing and were presumed to be in the possession of the equipment operators. Only two self-inspections were recorded for a month's period; frequent self inspections are required. Application of intermediate cover had not been completed as mutually agreed.

Cell 4 Construction: By month end, cell 4a construction was nearly complete. Zoladz had completed work within the limits of the cell and were working on the plumbing at the top of the slope. Minor work remained. (Refer to e-mail from Andrew Klettke, attached.)

Environmental Issues
Odor Complaints: Numerous odor complaints were received during the month.

Date in November	Time	Individual	Location
8	Daily, for a month	PC	Near Angelica village/town line, East Main St
8	"lately" & 10/31/11	VM	Not specific (relayed to DEC employee)
8	11/8/11, 10/31/11	JT	I-86, east of Angelica
16	2:30 PM	PC	Near Angelica village/town line, East Main St
11 & 12	evening hours	PM	South Street
9	late AM, & afternoon	JT	South Street
12	8:30 AM	JT	I-86, east of Angelica
12	5:00 PM	JT	Peacock Hill
23	2:00 PM	PC	Near Angelica village/town line, East Main St
24	unspecified	PC	Near Angelica village/town line, East Main St
25	unspecified	PC	Near Angelica village/town line, East Main St
26	particularly afternoon & evening	PC	Near Angelica village/town line, East Main St to County Route 2
27	Morning	PC	Near Angelica village/town line, East Main St

These complaints are from credible sources, suggesting that there is significant quality of life issue for residents. On November 15 and 29, significant time searching for off-site odors along village and town roads proved unsuccessful in finding landfill related odors. Wood smoke from residential wood use was ubiquitous, fresh manure was found along County Rt. 2) and terpenes

(pine like odors) from the saw mill permeated throughout the village. Slight off-site landfill odors were only noted on November 15 at Peacock Hill Rd near its intersection with the landfill's Herdman Road.

Hyland provided a table of wind speed and directions for November 23 showing northerly winds at 2:00 PM. Hyland is south west of the receptor and the data suggests Hyland is not the source of the odors. However, the wind data indicates a rotation during the day, starting the day with southerly winds shifting to northerly winds and then changing rotation to westerly winds.

Strong on-site odors were noted on November 15 at the working face and on the south slope. On the south slope, exposed waste excavated from the drainage sumps last spring has yet to be covered, leachate is pooling and landfill gas is forcefully venting from areas along the slope, especially along the lower leachate drainage trench. Hyland was waiting for the ground to firm up so equipment used to place additional soil cover could safely traverse the slope.

October's Leachate Release: Analytical results were received and evaluated by DMM and DOW staff. Results indicated the impounded storm water was safe to release.

South Slope Issues: The south slope remains a problem with surface leachate being channeled across the slope in two trenches to a sump located at the western edge of cell 3.

A problem addressed last month has re-emerged. Perched leachate is seeping out from under the cover at a location down gradient of the lower trench where it is not captured. The leachate is seeping to a storm water ditch and contaminating the storm water run-off. Given the late time of year and the likelihood of snow and rain, corrective measures at this point will cause greater adverse environmental consequences and it was my recommendation that efforts be made to address the cause for this problem (perched leachate and high gas pressures within the waste mass). Attempting to dig out the small volume of remaining leachate would disrupt the vegetative cover and increase erosion until a cover is re-established in late spring. Also, significant gas is venting from the south slope. Additional leachate and gas removal would help relieve the internal pressure causing the problems.

Other: Muddy conditions made operations difficult. At times, waste haulers needed to be towed to the top of the waste pile by Hyland's bulldozers because the mud was too deep for the on-road vehicles. The conditions also made corrective actions on the south slope difficult, if not unsafe.

An odor probe survey will be completed in the spring after the snow melts as part of the DAR's Title V permit process.

High Priority Areas of Continued Concern

- The south slope remains the major concern with leachate breakouts, surface gas vents and incomplete intermediate cover.

- As temporary control measures, the leachate interception trench and its sump remain a threat and require vigilant monitoring to ensure berms are not breached and drainage is effective so leachate is not released into the storm water.

- As of November 30, application of intermediate cover is not complete.

- Leachate inventory in the impoundments is a heightened concern due to the open south slope's potential to generate large volumes of leachate

Areas of Continued Concern

- Presence (or absence) of offsite odors from the landfill continue to be monitored. Hyland's weather station was inoperative during the month.

- Tracking and road dust along Peacock Hill Road will continue to bc monitored. This is not presently a problem, but has been a concern of residents.

- Though leachate impoundment levels are kept in check, greater freeboard is recommended.

- A new target date to complete remedial work on the south slope and complete application of intermediate cover needs to be set.

Areas of Progress

No progress was made with the south slope during the month, the slope still produces leachate at the surface, vents large quantities of gas and has exposed waste. These problems require greater attention.

E-mail from McMahon and Mann Consulting Engineers's Andy Klettke regarding Cell 4A construction:

Hello all,

The following is an update for the Hyland Cell 4A construction project. I was on-site today and met with Jack Parker of Zoladz. Zoladz has completed work within the limits of Cell 4A. They are currently working on the plumbing at the top of the west slope and within the primary and secondary riser pipes. In addition to this work, Zoladz must also complete the following prior to project completion:

-Provide plantings in the aquatic bench of the temporary detention basin;
-Install riprap at the outlet of the groundwater discharge pipes;
-Repair the light riprap in the spillway between the east forebay and the permanent pool;
-Provide drainage around the exterior of Leak Detection Station #2 and apply hydraulic cement to the interior joints and link seals of the station;
-Complete backfill, compaction, and final grading of the haul road along the west berm;
-Install concrete bollards at locations depicted on the design plans;
-Perform final grading of the haul road leading to the cell and turnaround area south of the cell;
-Remove sediment within the temporary detention basin forebay.

In addition, the following is a list of items pertaining to the project:

-Hyland has set up a temporary pump and begun monitoring of the secondary collection system;
-The control panel and SCADA system still need to be installed;
-Primary and Secondary pumps have not yet been delivered to the site;
-Air release/vacuum relief valves have not yet been delivered to the site.
-Extra rolls of geosynthetics leftover from construction of this cell have not yet been covered/tarped;

Thank you,
Andy

Andrew Klettke, E.I.T.
McMahon and Mann Consulting Engineers
2495 Main St., Suite 432
Buffalo, NY 14214
(716) 834-8932

DAILY INSPECTION REPORT

Facility: Hyland Landfill

Date & Time: 11/2/11 2:15 - 4:00 pm

Weather: Sunny, 60's, SW wind

Inspector: Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

— Dust control needed between

~~At~~ Fill/pack clay/soil into rill on top of leachate drain sump berm (NOTE - NO WATER HERE TO KEEP MUD OFF DRAINAGE LAYER STONE - ATTEMPT TO KEEP SPEEDS BELOW 5MPH TO MINIMIZE DUST)

NO NEED TO USE WATER - TRY TO KEEP SPEEDS DOWN.

NO OFFSITE ODORS. (~2:15 AT SOUTH AVE)

OBSERVATIONS/ CONCERNS/PROGRESS

Construction - Primary drainage stone ~1/3 complete in base + N slope - Cushion layer over primary ~1/2 complete. Primary in base by drain laid + being welded - coverage all down. Cushion 50% on all surfaces. Stone ~1/5 complete. Andy thinks stone will be laid by next week on all surfaces.

West stone leachate drain berm was breached at some point (noticed last week) and sand bags were placed in the rill, but would not be effective if sump level were to rise again. Breach flows into E/W storm water drain @ toe of Cell 3A slope

Leachate that ran in storm water ditch was addressed.

This form given to: Terry Cuan

CELL 1A/B SECONDARY SENSOR IS REPAIRED / SYSTEM RECALIBRATED.
STORM DITCHES WERE ADDRESSED W/ STONE. CHECK DAMS.

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 11/15/11, 3:00 pm - 7 pm

Weather Overcast, 50's, damp. SW → S winds.

Inspector Tina Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Work on —

South slope - exposed waste from drilling / excavation needs cover.

Intermediate cover on S slope.

Continue draining leachate from south slope wells.

OBSERVATIONS/ CONCERNS/PROGRESS

Cover on South slope progresses.

Odors on E Main St @ village boundary are from saw mill (terpenes)

Some strong on-site odors at open face and South slope. Some off site odors noted @ Peacock Hill / Herdman Rd intersection

Some litter - not a major problem - especially along N fenceline

This form given to: Terry Lunn

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 11/15/11 Time 4:45 pm Inspector MUNN

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	11.7		14.0		07.1		09.2		19.2		~~11.8~~ 8.6	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	1.0		02.4		07.1	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: Cell 1 GW sensor or LED is out/malfunctioning

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	9.3	Bubbler	18.1	Bubbler	6.1	Bubbler	4.5	Bubbler	11.6	Bubbler	5.5
	Flow Control	9.3	Flow Control	18.6	Flow Control	6.6	Flow Control	4.4	Flow Control	11.6	Flow Control	4.9
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	6"	(Stick is 16')		Bay 2 Estimate		level a couple 4-4½ inches above bottom of pipe	
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
		✓		✓			

Cell 3 Riser Building: Warning Lights (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure

Leachate Impoundment Warning Lights (check if lit)		AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm

Hyland Landfill 11:13 AM 11/23/11 Kevin Hintz

- Stormwater accumulating in Cell 4. Suggested that it be pumped periodically
- North leachate basin being emptied for inspection
- road was in good shape.
- foggy & rainy. So difficult to see face.
- waste placement in Cell 3, EAST END.
- new topo map shows areas to be filled.
- getting pumping ready to empty cell 4 secondary so 30 ALR can be calculated.

Overall, site in good shape.

Hyland Facility Associates

FACSIMILE COVER SHEET

Hyland Facility Associates
6653 Herdman Road
Angelica, NY 14709
Phone: (585) 466-7271
Fax: (585) 466-3206

To:_____

Facsimile No.: _____

No. of pages including cover _____

Date:_____ **Time:**_____

INFORMATION TRANSMITTED:

TRANSMITTED AS CHECKED BELOW:

__ For your approval
__ For your use
__ For review and comment
__ As requested

REMARKS:

CC: _____

_____

_____

SIGNED:_____

DAILY INSPECTION REPORT

Facility: Hyland Landfill

Date & Time: 11/29/11 11:30 - 2:30 pm

Weather: Overcast, 50's, drizzle → rain

Inspector: John Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Leachate sump's berm shows it was breached at least twice in 2 locations, most recently into stone below berm. The sump is filled with sediment; berm needs to be shored up.

South slope still has flowing leachate in ditch - needs to be corrected

OBSERVATIONS/ CONCERNS/PROGRESS

Overall, the site looks good. Easterly wind - some slight odors on western landfill road @ toe of slope. No odors on N, E, or South roads. (Odor complaints on 11/24 - 11/27 on E Main St and County Rt 2 - no odors noted today - Chester says a farmer has been spreading manure)

Leachate impoundments are ok.

GEI cleaning risers -

This form given to: Terry Cuny

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
HYLAND LANDFILL	Angelica NY	0 2 5 1 1 7	1 1 3 0 1 1	0 9 4 5 PM

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
JOHN MUNN	M	Joe Bayles S. Le Mgr.

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	Overcast misty Snow flurries	9-0 2 3 2-0 0 0 0 3/0 0 0 0 2-

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 1	☐ Yes ☒ No	Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☒	☐	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). NOT ACCEPTED
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☒	☐	☐	d. Bulk Liquids. 360-2.17(k). NOT ACCEPTED
☒	☐	☐	e. Whole Tires. 36-0-2.17(v). NOT ACCEPTED, INCIDENTAL TIRES PULLED OUT
☒	☐	☐	f. Lead Acid Batteries. 360-2.17(w). NOT ACCEPTED
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☒	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☒	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☒	☐	c. Permit Application Records. 360-1.14(i)(3).
☐	☒	☐	d. Monitoring Records. 360-1.14(i)(4).
☒	☐	☐	e. Facility Operator Records. 360-1.14(u)(1).
☒	☐	☐	f. Fill Progression Log. 360-2.9(e).
☒	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3). No Pro control records of production - equip fail Month totals appear on 11/30
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2). N/A
☒	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☒	☐	☐	b. Asbestos Waste. 360-2.17(p)(3). N/A
☒	☐	☐	c. Tanks. 360-2.17(r).
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d). Needs improvement on cells 1/2
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).
			MONITORING
☐	☒	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☐	☒	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c). IMPROVED GAS COLLECTION ON SOUTH SLOPE IS NEEDED. MUCH GAS VENTING THROUGH SOIL COVER
			OTHER
			On Continuation Sheet identify any other violations.

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

JOSEPH BAYLES
Individual in Responsible Charge (Please print)

Signature Date

John R. Munn
Inspector's Signature

REGIONAL OFFICE COPY

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 11/30/11 1:45-4:00 pm

Weather Overcast, Snow flurries, 30's

Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Incomplete intermediate cover on top & cells ~~#1~~ 1/2.

South of gas line needs cover - task from Sept. not finished

Ponding w/ leachate on flat spots of south slope.

OBSERVATIONS/ CONCERNS/PROGRESS

Random vehicle inspections missing for weeks of 11/13-18, 11/21-25 ? 11/28-30 (if done yet for partial week) - Req'd weekly at a minimum. - With operators?

Self inspections are done weekly - apparently on Fridays.

Records of 10/18 ? 11/25 are missing (if done). Regulation requires "frequently". 2x/month is insufficient.

No Pro control records for 11/15-30 - System down due to power failure appears Total Data may be recoverable for month but day/week data is lost.

This form given to: Joe Boyles

New York State Department of Environmental Conservation
Division of Materials Management, Region 9
270 Michigan Avenue, Buffalo, New York 14203-2915
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.ny.gov

MH/File
MOF

Joe Martens
Commissioner

KH
JM

MEMORANDUM

releasable 02517
Non-Releasable

TO: Mr. Mark Hans, P.E., Regional Materials Management Engineer

FROM: Ms. Mary McIntosh, CPG, Engineering Geologist II MM

SUBJECT: **Hyland Landfill**

DATE: November 7, 2011

On November 4, 2011 I went to Hyland Landfill in Angelica, New York to observe the re-installation of monitoring well 44A. The original well had been damaged during construction. On site were Brian Bartrun and Andy Morris of Earth Dimensions. They were set up on the new well location, which is a few feet from the old well. Interval sampling was being performed to a depth of 14 feet, with continuous sampling below this depth. The ground surface at this location was 1832.3 feet, which was about 10 feet lower than the original surface elevation at the time the original well was installed. The bottom of the well was proposed to be at elevation 1804.8 ft, which is three feet deeper than the elevation of the cell 4A sump. The overburden consisted of clayey silt till, moist to extremely moist, with 20-40% subangular gravel. There was no recovery in the interval from 22-24 feet, so Brian instructed Andy to send down the three-foot spoon, and got 15 inches of recovery. The augers were advanced to 28.5 feet, and the well was constructed with one foot of 00 sand below the well screen, the well screen from 27.5 ft to 17.5 ft (0.006 slot schedule 80 PVC continuous wire-wrapped, with Teflon-taped threads), 00 sand around the well screen to 14.5 feet, a bentonite chip seal from 14.5 to 11.5 feet, choke 00 sand from 11.5 ft to 11.0 ft, and grout to the surface. The bentonite chip seal was allowed to hydrate with added water while the grout was being mixed.

The old well was to be pulled, then overdrilled to remove the well materials. Brian didn't want to overdrill with the PVC well in place because it was bent at an angle making it difficult to line up the augers. Brian was confident that the augers would follow the borehole down, due to the fact that the till is so dense compared to the well materials. He stated that if he felt any resistance he would stop and have Hyland's excavator come over and excavate down to expose the hole, since the well was not very deep due to removal of 10 feet of overburden after the well was installed.

MM:dcg
mcm\hans-nov1.mo

MH/KH/File

Monitoring Report

Distribution: Mark Hans; P.E., Regional Materials Management Engineer (MH)
Kevin Hintz, P.E., NYSDEC (KH)
Joseph Boyles, Hyland Landfill Manager
Robert Jones, Supervisor, Town of Angelica

Facility Name: Hyland Landfill 02S17

Facility Number: 02S17

Date: November 18, 2011

Reporting Period: October, 2011

Facility Monitor: John Munn (JM) dcq

Summary

Monitoring visits were made on October 4, 6, 11, 13, 18, 20, 25, 26, 27 and 31. Monthly inspections were made October 11 (MH) and October 13 (KH). Leachate management was the primary focus of staff attention during the month. During the first three weeks, efforts were focused on reducing leachate generated from the south slope. Annual cleaning and inspection required the leachate impoundments be drained and cleaned, however leachate hauling was unable to get ahead of the production generated rainfall on the south slope. On October 24, a leachate transfer caused accidental leachate release into a surface water ditch and a storm water retention pond which discharges into a surface stream. The release was discovered on October 25 and immediate corrective actions were taken to mitigate environmental damage.

A faulty sensor kept Cell 1 A/B Secondary's leachate pump out of service for the month.

Some of the combined leachate/gas wells installed in September to address the southern slope's leachate seeps were capped and plumbed into the landfill's gas collection system. Other wells remain open to facilitate leachate pumping and drainage.

Two odor complaints were received from South Street, Angelica. No odors were noted on South Street or in the village during visits by DEC. Offsite odors were noted only on Peacock Hill Rd in close proximity to, and immediately south of Herdman Road.

Observations

Odors: Two complaints were received. On the morning of October 14, a South Street resident reported "smelling something". DEC Officer Ken Basile responded and was unable to confirm an odor. On October 30 I received an e-mail from another South Street resident complaining of strong odors in the evening, and other times in the past few months when odors were less severe. On an October 31 follow up, I detected feint unidentifiable odors on South Street, but I was

unable to identify their source or determine if they were landfill related. On that visit, I smelled fleeting terpene odors at the village park circle that were likely related to the saw mill.

Offsite landfill odors were noted along Peacock Hill Road. On October 18, odors were located between Herdman Rd and the Hyland cell tower. On October 20 feint landfill odors were noticed along Peacock Hill Rd between the I-86 exit and Herdman Rd, south of the village line and sawmill odors were noted at the intersection of East Main St and Peacock Hill.

Offsite landfill odors were not noted on any other visit.

Waste placement: Waste placement is within cell 3B. Placement, compaction and lift height are complaint.

Cover: ADC, primarily drill cuttings and C&D waste are being used as daily cover. Application of intermediate cover on cells 1 and 2 was extended into October due to September's muddy slopes and slippery working conditions. Intermediate cover was applied to portions of the south slope and the top of cells 1 and 2 during the early weeks of October, but work was not completed by month end.

Road maintenance/dust control: No dust control issues were noted. Herdman and Peacock Hill Roads and their shoulders were kept clean.

Storm water management: On October 25, a leachate impoundment overflow contaminated the storm water ditch, a sediment basin and the storm water Detention Basin No. 2, contaminating the water in the basin. The drainage ditch was flushed, the fore-basin was drained and its water was collected and managed as leachate and its sediment was removed and landfilled. An unknown volume of leachate contaminated the sedimentation basin waters, and although the basin's gate valve was closed to retain the water within the pond pending chemical analysis, subsequent rains filled the basin above its overflow and the contaminated storm water discharged into the receiving stream. A synopsis is attached.

Soil Erosion:
Additional and larger rip rap was placed in the ditch leading to Detention Basin No. 3 to repair storm water damage.

Grading and seeding is required to repair damage caused by the leachate release remedial work.

Litter: Blown litter on the eastern slope on October 20 was noted and cleaned. The site was generally free of litter at all other times

Leachate Collection System:
Pumps: Cell 1 Secondary A/B pump was inoperative during the month due to a failed sensor. The sensor is located on the pump, and by month's end, the pump was pulled to replace the sensor.

Impoundments: Hyland managed to only keep up with leachate production and was unable to empty the impoundments for scheduled cleaning, and so, to empty an impoundment, leachate was pumped from the south to the north impoundments by a manually operated valve. The operation was left unattended and the receiving impoundment overflowed. Some leachate flowed into a storm water ditch and some returned back into the receiving basin, causing an erosion of the receiving basin's side-slope gravel. The gravel bed was not repaired.

Leachate Breakouts:
Despite installation of ten drainage wells, surface leachate is still draining into two drainage trenches traversing the length of the Cell 3A's south slope. In addition to capturing flowing leachate, the ditches intercept precipitation that mixes with waste and leachate from an area approximately four to six acres in size. Failure to remediate south slope breakouts requires the capture of an additional 100,000 gallons of leachate with each inch of rainfall runoff. This additional volume impairs the reserve capacity of the leachate impoundments, erodes the margin of safety originally designed into the system, increases Hyland's disposal costs and was the indirect cause of the October 24 leachate release.

Minor breakouts were noted on the north and west slopes.

Significant areas of breakouts were noted on the south slope at a location down gradient of the leachate interception trench and up gradient of the storm water collection ditch. Though no flowing leachate was observed, the storm water ditch contained leachate. I was unable to determine whether this leachate originated from the breakouts or if the leachate sump overflowed its berm into the storm water ditch.

Equipment: No equipment issues were noted.

Construction: Rain caused delays with construction on cell 4. The work schedule is now approximately one month behind schedule.

High Priority Areas of Continued Concern

- The south slope remains the major concern with leachate breakouts, surface gas vents and incomplete intermediate cover.
- As temporary control measures, the leachate interception trench and its sump remain a threat and require vigilant monitoring to ensure berms are not breached and drainage is effective so leachate is not released into the storm water.
- Application of intermediate cover is not complete.
- Leachate inventory in the impoundments is a heightened concern due to the open south slope's potential to generate large volumes of leachate

Areas of Continued Concern

- Presence (or absence) of offsite odors from the landfill continue to be monitored. Hyland's weather station was inoperative during the month.

- Tracking and road dust along Peacock Hill Rd will continue to be monitored. This is not presently a problem, but has been a concern of residents.

- Though leachate impoundment levels are kept in check, greater freeboard is recommended.

- A new target date to complete remedial work on the south slope and complete application of intermediate cover needs to be set.

Areas of Progress

While progress was made with the south slope, the slope still produces leachate at the surface, vents large quantities of gas and has exposed waste. These problems require greater attention.

Synopsis of events related to the Hyland landfill 10/24-25/2011 leachate release:

On Tuesday, October 25, I received a call from Joe Boyles at about 10:00 AM notifying me that there was a leachate release from the impoundment containment area over the night. Leachate was being pumped from the south to the north impoundment. Apparently the operation was not being attended to and the leachate overflowed the containment into a drainage ditch that ultimately flows into the southwest storm water pond. I was told that GEI environmental was either on site or going to be on site and would/was flushing the drainage ditch with clean water and was capturing the water for treatment.

I was on site at 12:45 where I met up with Terry Lunn and assessed the extent of the leachate release. Terry told me he takes the blame for the release and I asked him what happened and he explained that the pump was left running as the leachate was transferred from one impoundment into the other. At this time, about 1:00 PM, GEI, was flushing the drainage ditch with clean water and collecting the contaminated rinsate. Approximately 7,500 gallons (3 tank fills) was collected as rinsate by GEI from flushing the drainage ditch.

The leachate impoundments were examined. The high mark on the gravel berm did not give an indication where, or how, the leachate escaped from the containment. Erosion in the south basin indicated leachate flowed through the separation berm from the north basin into the south basin. Puddles of leachate indicated it flowed into the drainage ditch to the east of the impoundments. We (Terri Lunn and I, and earlier, Hyland people) were able to find the pathway from the impoundments to the ditch. Thatch under the tall grassed cover was wet, but it didn't smell or appearance of being leachate contaminated, and Terri told me it had rained during the night. Whether the leachate found a pathway under the soil or over the grass is unresolved, as is the question of how the leachate escaped the containment- whether by overflowing the top of the berm, by flowing through a breach in the liner, or by some other mechanism.

I determined that leachate had flowed down into the retention basin system and flooded the cattails sediment trap basin, an area about 50' x 100'. I estimated the leachate to be an average depth of about 4-8"; the density of the cattails prevented an accurate assessment. Also, leachate had flowed out of the cattails basin into the retention pond, contaminating the retention basin water. I was unable to determine the extent of the pond's contamination. The denser, dark plume of leachate was less than a foot wide at its widest point and visible a few feet below the surface until it was obscured by turbidity.

Hyland had shut flow out of the storm water retention pond and there was sufficient freeboard so additional run-off collecting in the storm water retention pond would not be a problem. To minimize the extent of the contamination, my immediate concern was to prevent additional flow of leachate into the retained storm water from the leachate-flooded cattails basin. I informed Terry that his first task, now that flow of storm water into the basin had been blocked, was to pump out the leachate from the cattails to prevent further downstream migration. Our time was limited due to impending rain.

At 1:30 PM, GEI began vacuuming leachate from the cattails basin. GEI filled their 2,500 gallon tanker twice. After filling, collection was interrupted to empty the tanker in the leachate impoundment. The process was slow and to expedite the collection, Hyland deployed their 7,000 gallon tanker using Hyland's own pump and a 3" hose. The Hyland pump was unable to pump the head so the GEI system filled Hyland's tanker to within a foot of the tanker's top. GEI continued to vacuum collect until it became impractical to collect remaining leachate. In total, approximately 15,000 gallons of leachate-contaminated water was removed from the cattails basin when the vacuum collection process was completed at 6:00PM. At this time, a light rain was falling and the drainage ditch dam was breached to allow flow into the retention basin. I left the site at 6:15PM.

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 10/4/11

Weather Overcast, drizzle, variable winds, ~60°

Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Cell 1 A/B Secondary pump not working - level @ 90.2'

Cell 3 bubbler system down - air compressor line broke (Being repaired at time of visit)

Leachate drain is getting silted up.

OBSERVATIONS/ CONCERNS/PROGRESS

No odors noted offsite.

South slope is too wet/muddy for equipment.

Well #11 is pumped @ a greater rate than the leachate recharge. - good news

Well #7 is building tremendous gas pressure. (gas bubbling through stone @ high flow rate)

Site looks good re litter. - no time on east/south or at working face to inspect.

This form given to: Terry Lunn

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 10/4/11 Time 13:34 Inspector MUNN

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	15.8		14.8		89.8		0.2		19.0		8.3	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	17.6		42.3		12.0	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: Cell 1 Sec Riser cover is off. Level high. Warning light lit
Cell 3 Bubbler is off-as control

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	.4	Bubbler	-.1	Bubbler	11.3	Bubbler	4.3	Bubbler	10.9	Bubbler	5.4
	Flow Control	0.5	Flow Control	0.9	Flow Control	11.5	Flow Control	4.1	Flow Control	10.6	Flow Control	5.3
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	11-6	(Stick is 16')		Bay 2 Estimate	11-6		
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓			

Cell 3 Riser Building: Warning Lights (check if lit)			AC Power FAILURE	High Level	Low Level	Loadout Inhibit	Primary Sump
					✓		✓
			Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace ~~Failure~~ FAULT
			✓				

Leachate Impoundment Warning Lights (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary
		✓				
Bay 2 Prim ✓ / Bay 2 Sec. ✓	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm
		✓	✓			

DAILY INSPECTION REPORT

Facility Hyland landfill

Date & Time 10/6/11 1^45 - 3^45 pm

Weather ~60's, Sunny, blue sky, no Clouds, no winds

Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

South slope 3' flat top of cells 1+2 — cover, grading, leachate issues are being worked on/addressed

Progress made w/ cover & drainage on South slope.

OBSERVATIONS/ CONCERNS/PROGRESS

- Slopes & site is litter free.

Cell 4:

- Tenafix is laying down geo composite over secondary liner.
- 2^nd any collection pipe is being placed, stone backfill & clay cover. Clay is placed on flat - approx 75%
- Geocomposite not fully placed on slopes - approx. 80% complete. Composite being sewn on west slope.
- Garbage compaction, placement ok - good tight small working face.
- No odors off site - very minimal on site @ working face
- Roads all look good. On site & Peacock Hill

This form given to: Terry Lunn

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 10/6/11 Time _____ Inspector _____

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	11.6		14.3		-22.5		0.2		18.2		10.4	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	17.4		38.7		6.1	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: Sensor pillow torn - Terry removed + will replace.
Cell 1 primary flow sensor has a leak

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	13.1	Bubbler	14.6	Bubbler	10.5	Bubbler	~~4.4~~ 4.4	Bubbler	11.5	Bubbler	5.2
	Flow Control	12.9	Flow Control	15.1	Flow Control	~~4.4~~ 10.8	Flow Control	~~5.0~~ 4.2	Flow Control	11.2	Flow Control	5.2
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	18.6	(Stick is 16')		Bay 2 Estimate		level close to bottom of pipe	
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓			
Cell 3 Riser Building: Warning Lights (check if lit) Lights reset - all off after reset. Work on building frame for door			AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
					✓		✓
			Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
			✓				
Leachate Impoundment Warning Lights (check if lit)		AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary
Bay 2 Prim	Bay 2 Sec	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
HYLAND LANDFILL	6653 HERDMAN RD ANGELICA(T), ALLEGANY CO.	0 2 5 1 7	1 0 1 1 1 1	1230

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
MARK HAAS	S	JOE BOYLES

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	65°F SUNNY	9-0232-00003/00002

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 1	☐ Yes ☒ No	Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	FACILITY MANAGEMENT (PERMIT EXPIRES 5/1/15)
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☒	☐	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m).
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☒	☐	☐	d. Bulk Liquids. 360-2.17(k).
☒	☐	☐	e. Whole Tires. 36-0-2.17(v).
☒	☐	☐	f. Lead Acid Batteries. 360-2.17(w).
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☐	☒	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☐	☒	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☒	☐	c. Permit Application Records. 360-1.14(i)(3).
☐	☒	☐	d. Monitoring Records. 360-1.14(i)(4).
☐	☒	☐	e. Facility Operator Records. 360-1.14(u)(1).
☐	☒	☐	f. Fill Progression Log. 360-2.9(e).
☐	☒	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2).
☐	☒	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☒	☐	☐	b. Asbestos Waste. 360-2.17(p)(3).
☒	☐	☐	c. Tanks. 360-2.17(r).
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).
			MONITORING
☐	☒	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☒	☐	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c).
			OTHER
			On Continuation Sheet identify any other violations.

PLACING INT COVER ON TOP OF CELLS 1 & 2

Mark Haas
Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Terry Lunn
Individual in Responsible Charge (Please print)

Terry Lunn
Signature Date

REGIONAL OFFICE COPY

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
Hyland Facility	Heidman Rd. Angelica	02S117	10/13/11	1400

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
Kevin Hintz	S	

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	Cloudy 60's.	9-0232-00003/00002

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 3	☒ Yes ☐ No	Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☐	☒	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). NOT ACCEPTED
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☐	☒	☐	d. Bulk Liquids. 360-2.17(k).
☐	☒	☐	e. Whole Tires. 36-0-2.17(v). > NOT ACCEPTED.
☐	☒	☐	f. Lead Acid Batteries. 360-2.17(w).
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☐	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☐	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☐	☐	c. Permit Application Records. 360-1.14(i)(3).
☒	☐	☐	d. Monitoring Records. 360-1.14(i)(4).
☒	☐	☐	e. Facility Operator Records. 360-1.14(u)(1). — Despite daily/weekly reports, Cell 1A/1B secondary pump not working.
☐	☐	☐	f. Fill Progression Log. 360-2.9(e).
☐	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2). — NOT ACCEPTED
☐	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m). GAS Collection System
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☐	☒	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
☒	☒	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☐	☒	☐	b. Asbestos Waste. 360-2.17(p)(3). NOT ACCEPTED
☒	☐	☐	c. Tanks. 360-2.17(r).
			COVER
☐	☒	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☐	☒	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e). NO FINAL COVER IN PLACE YET.
			MONITORING
☐	☒	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☐	☒	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c). Gas Collection Wells.
			OTHER
			On Continuation Sheet identify any other violations.

Despite 6 weeks to address the previously noted problems, most remain. These were supposed to be addressed by 9/30/11. Progress has been made, but the issues still remain.

Kevin Hintz
Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Joe Boyles
Individual in Responsible Charge (Please print)

Signature

10/13/11
Date

REGIONAL OFFICE COPY

47-15-1 (12/91)—28b

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE

6 NYCRR Part 360
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet

[For Use at Subpart 360-2, 360-4, 360-5, 360-7, 360-8, or 360-11 Facilities]

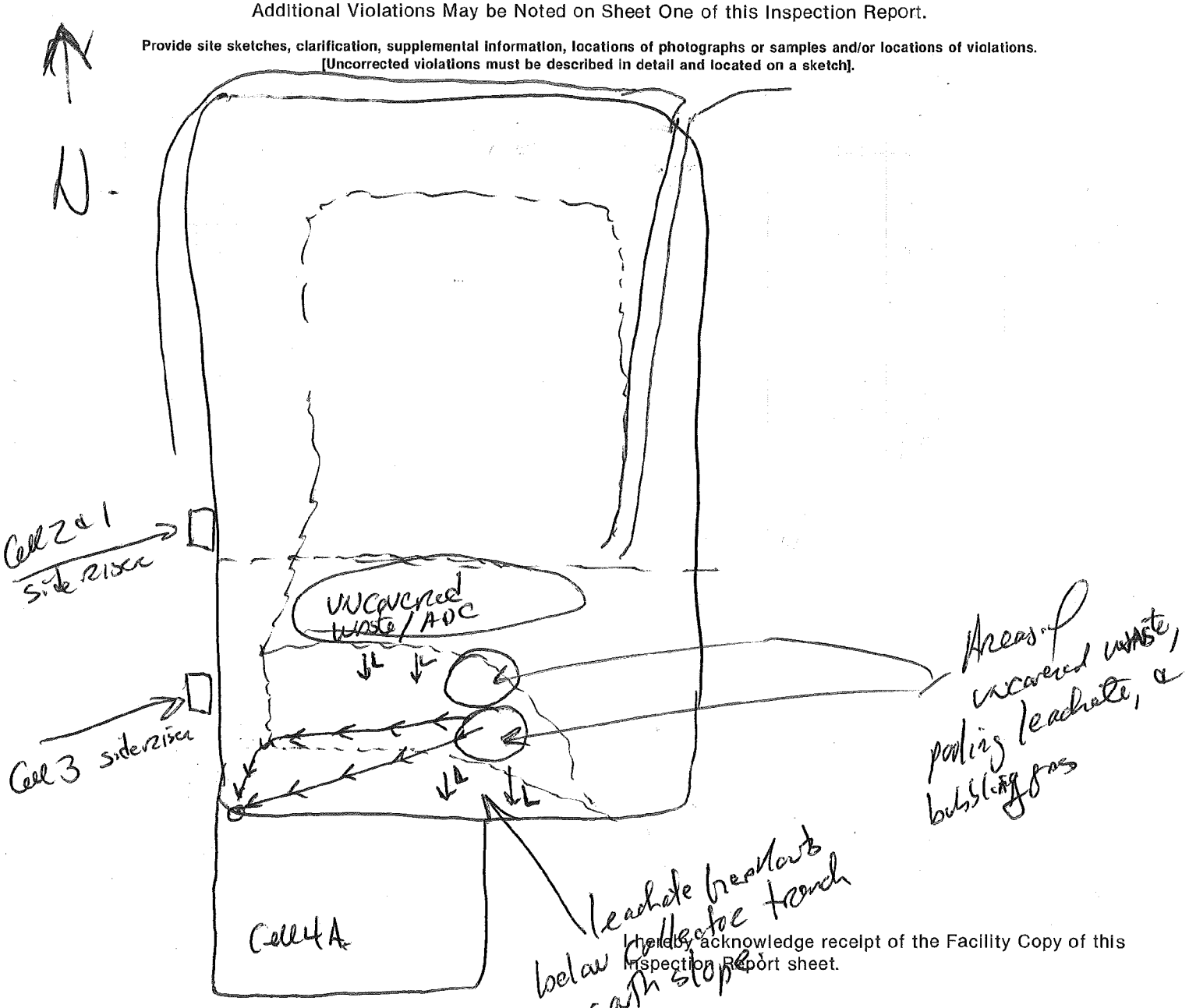
FACILITY NAME	LOCATION	FACILITY NO.	DATE	TIME
Hylands. Facility	Henderson Rd. Angelica (T)	02817	10/31/14	00

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
Kevin Hintz	S	

REGION	SHEET OF	CONTINUATION SHEET ATTACHED	WEATHER CONDITIONS	UNDER ORDER
9	2 of 3	☐ Yes ☒ No	Cloudy, 60's.	☐ Yes ☒ No

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth In ECL Article 71. Additional Violations May be Noted on Sheet One of this Inspection Report.

Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations. [Uncorrected violations must be described in detail and located on a sketch].



I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Inspector's Signature

Individual in Responsible Charge [Please print]

Signature

Date

REGIONAL OFFICE COPY

47-15-1 (12/91)—28b

NEW Y[illegible] STATE DEPARTMENT OF ENVIRONMENTAL CONSE[illegible]ION
DIVISION OF SOLID WASTE

6 NYCRR Part 360
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet

[For Use at Subpart 360-2, 360-4, 360-5, 360-7, 360-8, or 360-11 Facilities]

FACILITY NAME	LOCATION	FACILITY NO.	DATE	TIME
Hylands	Herdman Rd. Angelica	025179	10/31/11	1400

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
KEVIN HINTZ	5	

REGION	SHEET	OF	CONTINUATION SHEET ATTACHED	WEATHER CONDITIONS	UNDER ORDER
9	3	3	☐ Yes ☒ No	Cloudy, 60's	☐ Yes ☒ No

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71.
Additional Violations May be Noted on Sheet One of this Inspection Report.

Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations.
[Uncorrected violations must be described in detail and located on a sketch].

Cell 1A/B Secondary — -26.6 inches — not working
Cell 1 primary flow meter leaking
North Leachate pond is bubbling. Not sure working correctly

Concerns: Leachate
— breakouts on south slope (mid cell) below leachate collection ditch. MUST BE ADDRESSED immediately!
— breakouts continue on south slope, thus the need for leachate drainage ditches.
— leachate bubbling & flowing around some of the newly installed wells.

COVER:
— On upper most southern slope, ADC remains uncovered. Intermediate cover needed.
— protruding waste / uncovered waste on south slope, upper & lower benches, where leachate is pooling &
— pending Southern half of top of landfill needs intermediate cover

Pump in side riser for Cell 1A & 1B secondary needs to be fixed. It has not worked properly for past 5-6 weeks.

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Inspector's Signature

Individual in Responsible Charge (Please print)

Signature

Date

REGIONAL OFFICE COPY

DAILY INSPECTION REPORT

Facility Hyland landfill

Date & Time 10/13/14 11:25 - 3:00 pm

Weather Overcast, 50's, Steady east wind -

Inspector John Mann, Kevin Hintz

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Cell 1 Riser valve leaking - slow drip

Cell 1 Secondary @ -26.7 - sensor?

~~Cell~~ "Pillow" needs to be replaced - missing

Pond/breakout between wells 7 + 9 + 3

Leachate breakouts on south slope below the trench (in line w western edge of cell 4's eastern edge

OBSERVATIONS/ CONCERNS/PROGRESS

High level light in Cell 1/2 Riser Control is lit.

Bubbler in Cell 3 Riser Bldg - flow on left channel @ >2.0 (maxed out), right channel @ 1.0 - what should it be?, which gauge is out of limit?

~~Cell~~ Leachate Ponds - 1 flowmeter gauge, left to right: 0.6, 1.0, 0.9, 0.4 scfm What should they be?

Weekly leachate inspections indicate "All pumps Working" Yet Cell 1 A/B Secondary pump was pulled + inoperative during time of inspection.

When something isn't "good" - is "fair" or "poor", note why in comments (Refer to weekly self inspection form)

Waste inspection form - what are the waste load volumes -

This form given to: Terry Lunn

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 10/13/11 Time ~11:45 Inspector MUNN

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	19.0		14.7		-26.7		0.2		18.7		10.8	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 3 Groundwater G/H	
Reading	17.8		39.1		13.2	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: Leachate Ponds –
Top of Stone floor both basins is 4.3'
MAX operation level is 13'

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	10.2	Bubbler	13.5	Bubbler	9.8	Bubbler	4.1	Bubbler	11.2	Bubbler	5.2
	Flow Control	10.0	Flow Control	14.1	Flow Control	10.0	Flow Control	3.9 ~~10.0~~	Flow Control	11.0 ~~5.9~~	Flow Control	5.0
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	9-6?	(Stick is 16')		Bay 2 Estimate	1.1		
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓			

Cell 3 Riser Building: Warning Lights (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure

Leachate Impoundment Warning Lights (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary
Bay 2 Prim / Bay 2 Sec.	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm

Tom Campbell Kel-Kur Elec

10/19/11 Hyland

Cell #2 Tested Cell 1 A/B Secondary & found level transducer to be defective

Replaced Cell 1 transducer vent bellows. Inspected all bellows.

High level was lit due to slight miss calibration of Cell 1 secondary level transducer - re calibrated

Cell 3 Checked & set Cell 3 pri & secondary bubbler air flow controls to .8. Should be between .5 to 1.0 SCFM. Flows may vary with level of leachate in sump. With level between min & max in sump the difference in readout levels will vary less than 1" with SCFM set between .5 to 1.0.

Impoundment Set bubblers air flow to .8 as above

John Munn - Hyland odor complaint

From: John Munn
To: Munn, John
Date: 11/4/2011 8:42 AM
Subject: Hyland odor complaint

10/14/11

From Eco Ken Basile

On 10/14/11 @ 10:30 AM I received a message that Michelle Mapes of South Ave in Angelica "smelled something".

Ken was not able to smell anything on his visit @ 10:30

S/W Justin Thaine 585-415-1521 Re asking to be a nose for me.

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 12/18/11 12:00 - 2pm

Weather Partly Cloudy, Steady SW winds (flag straight)

Inspector Jana Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Minor → Leachate seeps on ① W slope ~ 5' west of HTW-14, ② ~25E of CO-LC3

GCCS 1 A/B Sensor READING -34.7

NOT FLOWING OFF WASTE - REABSORBED INTO CLAY

~~Pump~~

(Bigger Priority is South slope)

OBSERVATIONS/ CONCERNS/PROGRESS

11:45 - 12:00

Drive Angelica (SD, Rd) + up Peacock Hill to tower.

Slight odor noted along Peacock Hill from entrance to about 100 yds up Peacock Hill - Odor became stronger as I came up landfill entrance roadway - Noticeable along N perimeter road / near office

Pump / Generator in well on S Slope but no flow - no one manning. I shut generator.

Drain hole has some flow in but draining very slowly - keeping up w/ drainage but not if there's a rain storm + has to handle entire South slope!

Waste compaction + lift ok.

This form given to: left w/ Terry on Desk

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 10/18/11 Time 12:30 PM Inspector MVM

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	9.9		13.6		-34.7		0.2		18.5		8.3	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	17.8		3.4		11.4	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

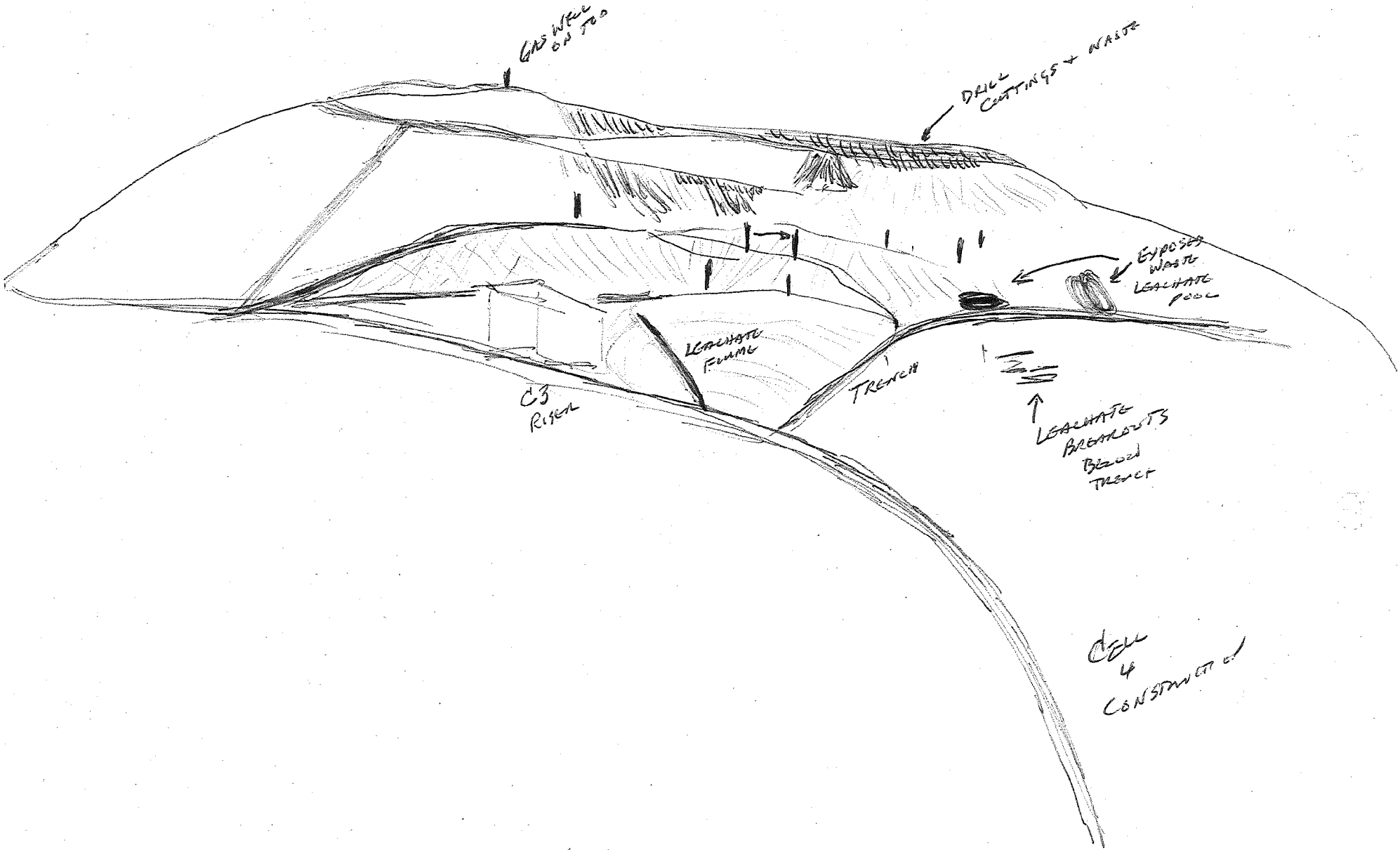
Notes: High level light is on Cell 1 Primary flow sensor drop

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	1.4	Bubbler	13.6	Bubbler	8.4	Bubbler	4.3	Bubbler	11.4	Bubbler	5.3
	Flow Control	1.5	Flow Control	14.1	Flow Control	8.6	Flow Control	4.1	Flow Control	11.2	Flow Control	5.7
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	8-6	(Stick is 16')		Bay 2 Estimate	11-2	Bottom of INLET is 17	
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓			

Cell 3 Riser Building: Warning Lights (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure

Leachate Impoundment Warning Lights (check if lit) No Lights Lit	AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary
Bay 2 Prim. | Bay 2 Second.	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm


GAS WELL ON TOP
DRILL CUTTINGS + WASTE
EXPOSED WASTE
LEACHATE POOL
LEACHATE FLUME
TRENCH
C3 RISER
LEACHATE BREAKOUTS
BLOCK TRENCH
CELL 4 CONSTRUCTED

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date _____ Time _____ Inspector _____

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading												
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading						
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes:

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler		Bubbler		Bubbler		Bubbler		Bubbler		Bubbler	
	Flow Control		Flow Control		Flow Control		Flow Control		Flow Control		Flow Control	
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure		(Stick is 16')		Bay 2 Estimate			
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building: Warning Lights (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump	
	Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure	

Leachate Impoundment Warning Lights (check if lit)		AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm

DAILY INSPECTION REPORT

Facility Hyland landfill

Date & Time 10/20/11 12:00 - 2:00

Weather Mostly Cloudy - Strong S-SW winds, Rain & Rain imperding. 40-50

Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- Focus on the South Slope - Surface Leachate, Gas lines, Shaping Slope for Drainage.

- Cell 1 & Secondary A/B Sensor - Please Fix

OBSERVATIONS/ CONCERNS/PROGRESS

Water truck blowing white exhaust.

~11:00 noticed Sawmill odor @ Main Rd in angelica & Peacock Hill - by ~~Village~~ Town Hall - No odors in Angelica circle / So. Rd area. Some landfill odors on Peacock Hill between I-86 & Entrance / Headmark GEI on site w/ leachate line cleaning.

So. Bay drawdown for cleaning / inspection

South slope leachate / exposed waste - still needs to be focussed on.

Blowing plastic / waste on E slope

Packing / placement @ top of outside slope of cell 3c

ALL MUDDY

This form given to: TERRY LUNN

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 10/20/11 Time 12:25 Inspector MUNN

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	16.3		13.4		-34.7		0.2		18.3		10.1	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H		Notes:
Reading	149.3		2.7		12.9		
	Hi	Lo	Hi	Lo	Hi	Lo	
Limit	20"	8"	21.2"	8.6"	12"	8"	

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	1.4	Bubbler	18.0	Bubbler	12.3	Bubbler	~~8~~ 4.4	Bubbler	~~4~~ 8.7	Bubbler	5.7
	Flow Control	1.5	Flow Control	18.5	Flow Control	12.4	Flow Control	4.2	Flow Control	8.5	Flow Control	5.3
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	12.6	(Stick is 16')		Bay 2 Estimate			
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)							
	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓			

Cell 3 Riser Building: Warning Lights (check if lit)					
AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump	
		✓		✓	
Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure	

Leachate Impoundment Warning Lights (check if lit)							
		AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 10/25/11 12^45 - 6^15 pm

Weather Overcast - Slight drizzle, Westerly wind, 50's

Inspector John Muay

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

See attached

OBSERVATIONS/ CONCERNS/PROGRESS

:

This form given to: _____

John Munn - leachate overflow questions

From: John Munn
To: John Munn
Date: 10/26/2011 11:55 AM
Subject: leachate overflow questions
CC: Hans, Mark; McIntosh, Mary

Mark/Mary...

Here are some thoughts I'd like Hyland to consider; I'll seek out some answers myself to document the time line as it unfolded leading to the release. I appreciate any thoughts/additions you might have.

1. How did it happen? What were the circumstances and events that led to discharge?
2. Were there engineering/design measures that failed? Are there faults in the impoundment design?
Engineering/design issues:
a. Is there a saddle in the berm between the north and south impoundments that would have prevented an overflow of the containment berm?
b. How did the leachate breach the exterior berm? Did it flow over the top of the berm? Under a seam?
c. Why was no "high level" alarm activated? Are there warning alarms for levels above the freeboard?

3. Are there procedural issues that can be addressed/improved?
Procedural concerns:
d. A pump was started to transfer leachate from the south impoundment into the north impoundment. When was it started? Once started, how was the situation monitored? Was the process left unattended/how long? How long did the release take place before it was noticed? When was the leak noticed. Is staffing adequate or are people being pulled in too many directions simultaneously?
e. How was it determined whether the receiving impoundment had sufficient capacity? If it was determined the receiving tank had sufficient capacity, what were the false assumptions or other errors in the determination?
f. Is there an over-reliance on engineering controls that may or may not be employed? Was it assumed the transfer process was failsafe?
g. Is greater control such as restricting the task to only specific individual(s) or more training necessary?
h. Is there an SOP for this task so it is not repeated in the future.
i. Should greater focus be on leachate generation/management/reduction strategies? Maintain less total volume: Retain less than 50% (or some other %) capacity as a routine operating level?

Other:
Emergency response:
k. Was response adequate? What could have been improved? Communications on-site, equipment/supplies, staff on hand to assist?

Hylands Landfill 10/27/11 10:00 AM

Observations

1) Still need to finish primary liner construction - 1-2 days work left.
2) Look at leachate spill remediation -
   * ditch cleaned w/ H_2O
   * pond (1st basin) cleaned & sediment removed
3) Need some cover on east slope, just south of access road where gas pipe & gas well pipe extension intersect.
4) Need some larger stone on ditch near entrance to culvert to the SE sed. pond.
5) Still investigating the source of the leachate discharge. Possible sources - overfilled north leachate basin / tie in to leachate mains.

108

M & T TRUCKING
532 PEORIA RD
PAVILION, NY 14525
(585)584-3763
FAX (585)584-3446

Generator: Advance Resources DATE: 10-6-11

Name: M & T TRUCKING

CUSTOMER: M&T Trucking

HAULER: ~~M&T~~ TRUCKING 2 loads

DRIVER: Woody

TRUCK: 108

TRAILER: 86

SIGNATIRE: Warren Wood

WASTE PRODUCTS:

Clean C + D

Lockport-Niagara County

FACILTY: HYLAND
6653 HERDMAN RD
ANGLICA NY 14706
(585)466-7271

SIGNATURE:

DATE: 10-6-11

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 10/27/11 2:45 - 3:30 pm

Weather Overcast / Rain, light snow,

Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

No odors noted on South Side. Smell of saw mill @ I-86

Interval note

NO INSPECTION -
Just a check of
Sp. 11 Status

OBSERVATIONS/ CONCERNS/PROGRESS

Cattails pond excavated after leachate spill.

Impoundment Stone wash out will need to be repaired.

Spoke w/ Terry. Sequence was Chester initiated pump transfer. Trucker (Leachate hauler) was going to shut it down Chester went out to Dr. appt. & did not return. Trucker failed to return @ End of Day to shut pump. Failure to communicate either up or down. Trucker should not have been given responsibility. Terry says procedure is now changed - he will have responsibility

This form given to: _____

John Munn - Angelica Dump Odor

From: "jlstuck@juno.com" <jlstuck@juno.com>
To: <jrmunn@gw.dec.state.ny.us>
Date: 10/30/2011 7:39 PM
Subject: Angelica Dump Odor

John,

I know it has been awhile since I've written. There have been plenty of times we've smelled the dump, but I've been really busy and haven't written you about it. The smell tonight is so bad I feel I have to tell you. We just got home about 7:30 pm and the smell is overpowering. It's 38 degrees and no wind to speak of. Thought I'd let you know. --Jeremy

DAILY INSPECTION REPORT

Facility Hyland Landfill

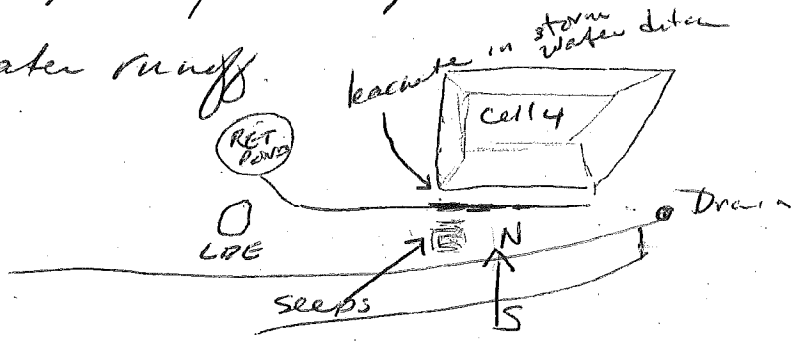
Date & Time 10/31/14

Weather Overcast, 40's, South wind

Inspector Jonn Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

South slope - priority - leachate in storm water runoff.



OBSERVATIONS/ CONCERNS/PROGRESS

Very slight odor on South Ave. Also notice odor from Sawmill @ Village circle. @ 11:45 am. Not certain of source of South Ave odor - its so slight it may be due to passing trucks?

Soil in cattails sed basin is removed. Accumulated water flowing into basin is merging the cattails basin and water basins. Water flowing in the stormwater ditch appears clear as it flows from area dug after the check dam (prior to entering the sed basin)

Water is flowing from the storm water basin into the outlet through a pipe above the gate valve (and below the square overflows). Area needs general grading/seeding to repair construction damage.

Water flowing in leachate impacted ditch is running clear.

OVER

This form given to: Terry Lum

Leachate pond - South berm is refilling. Stone washout has not been repaired. Leachate level @ top of washout.

No new work w/ placement of intermediate cover in over 2-3 weeks - wet conditions

Leachate is flowing across surface @ 2 western most sump wells on south slope. Gas venting from surface many leachate seeps in upper plateau ~30' west of from western most gas well.

Leachate is ~~pooling~~ collecting in the new cell construction

Storm water ditch that runs E/W along the north edge of cell 4

Some exposed waste on E slope about 1/3 from top, outside slope

SE seep pond drainage ditch/culvert at end of road needs attention. - Some fabric is washed out/ stone needs replacement.

Drainage stone over cushion geotextile - about 1/3 w/ cushion geotext, stone @ 1/2

Structural fill between lanes @ drum is being placed.

Primary liner ~1/2 uncovered w/ cushion.

On site Technical SVC on site to do samplings.

Gas plant @ 110 MW of power

Litter is not an issue.

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 10/31/11 Time 1:30 pm Inspector MUNN

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	10.8		13.3		-34.7		0.2		18.6		9.4	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	17.9		9.6		13.0	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes:

Pump Cell 1 Sec A/B pulled to replace sensor

Handle locked w/ door open on Cell 1/2 cabinet - Unable to shut.

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	1.5	Bubbler	17.6	Bubbler	10.2	Bubbler	5.0	Bubbler	9.7	Bubbler	5.3
	Flow Control	1.7	Flow Control	18.1	Flow Control	10.5	Flow Control	4.9	Flow Control	9.5	Flow Control	5.3
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	10'	(Stick is 16')		Bay 2 Estimate	10'		
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)							
	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓			

Cell 3 Riser Building: Warning Lights (check if lit)					
AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump	
		✓		✓	
Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure	

Leachate Impoundment Warning Lights (check if lit)						
AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary	
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm
				✓			

47-15-1 (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

MJH
0251?

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
Continuation Sheet

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
HYLAND LANDFILL	6053 HERDMAN RD ANGELICA (T), ALL. CO.	9-02-5117	10/11/11	1230

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
MARK HANS	S	JOE BOYLES

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	65°F SUNNY	9-0232-00003/00092-1

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 1	☐ Yes ☒ No	_____ Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts.
Additional Violations May Be Noted on Sheet One of this Inspection Report.
Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations.
(Uncorrected violations must be described in detail and located on a sketch).

CONSTRUCTION INSPECTION

PRIMARY LINER HAS BEEN INSTALLED

GEOCOMPOSITE DRAINAGE LAYER HAS BEEN INSTALLED OVER APPROX 50% OF LANDFILL

CONTRACTOR WAS PLACING STONE FOR THE PRIMARY SITE RISER.

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Mark Hans
Inspector's Signature

Individual in Responsible Charge (Please print)

Signature Date

REGIONAL OFFICE COPY

MH/KH/File

Monitoring Report

Distribution: Mark Hans; P.E., Regional Materials Management Engineer
Kevin Hintz, P.E., NYSDEC (KH)
Joseph Boyles, Hyland Landfill Manager
Robert Jones, Supervisor, Town of Angelica

Facility Name: Hyland Landfill

Facility Number: 02S17

02S17

Date: October 14, 2011

Reporting Period: September, 2011

Facility Monitor: John Munn (JM) JM for

Summary

Monitoring visits were made on September 1, 7, 14, 15, 19, 21, 22 and 29. The monthly inspection was made September 27. Inclement weather during much of the month delayed remedial work on the south slope, installation of intermediate cover on cells 1 & 2 and progress with liner placement in the new cell 4. Installation of leachate drains was delayed until September 21 due to travel restrictions on drill rigs requiring "R" permits over roadways. Leachate well installation began on September 21. By month end, progress had been made with intermediate cover and leachate drainage, though much work remained to be done in both areas. Cell 4 construction activity was progressing with the completion of the secondary liner. Leachate pump Cell 1 A/B secondary was out of service for the month.

Observations

Odors: Slight offsite odors were noted on only one occasion (September 29) on the ascent up Peacock Hill Rd near the landfill entrance and may have been due to passage of a recent waste hauler. No off site odors were noted at any other visit. One odor complaint cited odors noticed the evening of Friday, September 2. In a passing remark, a second village resident cited odor observations on September 26, 27 and 28. Leachate well venting likely contributed to the second set of observations.

On-site odors are noticeable proximate to exposed south slope leachate and significant gas is escaping from the south slope and the well risers. This is evidenced by numerous gas seeps and bubbling in leachate pools that persist. Until landfill gas is collected and fed to the gas plant, its pressure will find a release though the cover and vent to the atmosphere. On October 11, building the gas line collection system was started and a commitment was made on October 13 to complete the tie-in by Friday, October 14.

Waste placement: Waste placement is predominantly along the northern edge of cell 3B. Placement, compaction and lift height are complaint. Daily cover is ADC, primarily drill cuttings and C&D waste.

Road maintenance/dust control: No dust control issues were noted.

Storm water management: No storm water issues were noted.

Soil Erosion: Additional seeding was needed on soil stock piles and in areas where drilling had occurred. Seeding was completed October 4 and grass had emerged by October 11.

Litter: Litter was under control and not a problem. Litter was proximate to the working face.

Leachate Collection:
Risers: Maintenance continues to be problematic. On September 7, there were inoperative warning bulbs which are problematic in that they are a false-positive systematic error leading to a false conclusion that operations are OK when in fact a fault condition exists.

Also on September 7, the leachate levels were 46" in Cell 2 Primary and 50" in Cell 1 A/B Secondary. The diagnosis for the high readings at that time was that the sensors needed calibration. A week later, it was noted that the Cell 1 A/B Secondary pump was pulled for replacement. A replacement pump was not readily available when required. The replacement pump was on-hand September 22, but not yet installed. By September 29, the replacement was installed but it was not operating properly; its set point is 20" and, with the sensor reading 42", the pump should have been running but it was inoperative. (Note: The situation was unchanged on October 4 when the leachate level measured 90" and on October 6 and 13, the sensor gave a negative value, an indication of a sensor measurement failure.)

Impoundments: Leachate impoundment levels remained consistent at about 11' in both ponds throughout the month. Pond maintenance is scheduled for mid October.

Cover: Daily cover is adequate. Intermediate cover was being placed on the top of Cells 1& 2 and the south slope but work in these areas was not complete by month end.

Equipment: No equipment issues were noted.

Construction: By month end, the secondary liner was being installed. There were no issues related to construction.

High Priority Areas of Continued Concern

- The leachate breakouts on the south slope were being addressed. Leachate is intercepted by a trench and directed across the slope to the anchor trench stone where it drains into the leachate collection system. During the month, ten wells were drilled to drain the leachate from the surface pools into the waste and additional intermediate clay cover was

applied to the surface. This remedial work was still in progress at month end. South slope leachate break outs (noted September 22) below the collection trench require vigilance to protect surface waters.

- Application of intermediate cover on the top of Cells 1 & 2 is about half complete. More cover is required and it will need to be graded, leveled and seeded with an appropriate vegetative cover.

- The leachate collection system needs to be fully operational.

Areas of Continued Concern

- Presence (or absence) of offsite odors from the landfill will continue to be monitored. It might be prudent to investigate placing air monitors in the village.

- Tracking and road dust along Peacock Hill Rd will continue to be monitored. This is not presently a problem, but has been a concern of residents.

- Though leachate impoundment levels are kept in check, greater freeboard is recommended. By month end, leachate levels had not been reduced for October's scheduled maintenance.

- Maintenance and upkeep of the leachate measurement systems need improvement.

- Weather delays caused a three week delay in the south slope work and delays with intermediate cover placement. The original September 30 target date to complete these remedial tasks requires re-evaluation.

Areas of Progress

- Some progress was made with application of intermediate cover and the south slope's leachate problems.

DAILY INSPECTION REPORT

Facility Hyland landfill

Date & Time 9/7/11 8:00 - 12:30 pm

Weather Overcast, rain, 60's, easterly wind

Inspector John Munn

OBSERVATIONS/ CONCERNS/PROGRESS

No odors noticed off site. On site odors are not strong -

Landfill litter is minimal - some @ working face and in grass but not a problem. Waterways and ditches are clear/free of litter.

Progress is made on South slope to address ~~Cell~~ leachate breakouts - Last ditch effort hole has been eliminated; stakes placed for drains to be installed by well driller. Drill rig held up - no R permits being issued. Leachate draining into anchor trench going well.

Intermediate cover being applied at present to north top of cells 1+2. (South side needs cover) - grading + sloping not complete.

Work on intermediate cover + South slope in progress -

This form given to: Terry Lunn

Some maintenance tasks need to be done - see back

Maintenance tasks:

① Soil stockpile by South detention basin #3 needs to be seeded. Also previously seeded soil on South side of pile has rills in need of cover to prevent further erosion. Should be done soon to establish grass.

② Bulbs in Cell 1+2 pump system need replacement and system has sensors in need of calibration – example - shows 46" of leachate in Cell 2 primary and 50" in Cell 1A/B secondary.

Bulbs on order

③ Leachate ~~detention~~ impoundments need to be cleaned. Is there a schedule for this?

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 9/14/11, 2:30 - 4:30 pm

Weather Sunny, 70's, Westerly wind

Inspector John Munn

OBSERVATIONS/ CONCERNS/PROGRESS

:

No offsite odors.

Site generally litter free. Litter only on east slope @ working face.

Cell 1 A/B pump pulled for replacement.

Ditches and surface waters are clear.

Soil being hauled to top of cells ~~1 & 2~~ 1 & 2 for intermediate cover.

6 rolls of liner (secondary) placed in cell 4

Construction work on slope / contour of west slope where riser pipe is to be placed.

Work progresses on South slope + on top of cells 1+2 per Letter. - 10 wells to be drilled on S. slope

This form given to: Terry Lunn

No Violations.

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 9/15/11 12:30 - 3:45 pm

Weather Overcast, cloudy, rain, 50's, West wind, clearing

Inspector John Muny

OBSERVATIONS/ CONCERNS/PROGRESS

- No odors in Angelica or the village. Possible odors (very faint) along Peacock Hill by cell tower, but not certain.
- Trash on slopes w/ exposed waste where digging gas lines took place. Exposed waste/trash on north & west slopes. Slopes need seed/~~mulch~~ grass cover - many bare areas.
- Small leachate break-out on North slope located @ midpoint up/down slope @ westernmost gas lines going down hill.
- Filled gas line trench not rolled/even - rilling - needs grass.
- Ponding @ NW corner on toe of ~~st~~ west slope by gas well.
- Breakout area (not flowing) mid hill in line w/ North edge of gas plant - dead grass/not covered.
- Tops of N + W slopes need grass cover - bare.

This form given to: Terry Leary

Cell 1/2 Riser Bldg:

Cell 1 A/B secondary pump pulled for maintenance

Cell 3 - Sump light ~~xxx~~ is on

Leachate ponded @ 1/2'

Bay 1 sec. light is "on"

Low level light is "on"

Loadout overfill light is "on"

Rolls of secondary liner are uncovered (for cell 4)

Leachate chute for leachate drainage to sump is being bypassed.

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 9/15/11 Time 14:10 Inspector John Mann

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	16.9		14.7		-0.4		0.2		18.4		10.5	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24		23.6		20		20		20		20	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	17.2		37.8		12.6	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: No alarms lit.
Cell 1 A/B Sec Pump control "off"
All other switches @ auto.
Cell 1 A/B Sec pump pulled for replacement.

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	1.2	Bubbler	18.5	Bubbler	11.7	Bubbler	4.3	Bubbler	11.7	Bubbler	5.5
	Flow Control	1.3	Flow Control	19.2	Flow Control	11.9	Flow Control	4.1	Flow Control	11.5	Flow Control	5.1
	Hi	Lo	Hi	Lo	Stick		Top of stick is 12"		Estimate			
Limit	20"	12"	20"	12"	Bay 1	12			Bay 2	12		

Warning Light Status: Check if lights are lit

C1 Prim	C2 Prim	C1 A/B Sec	C1 C/D Sec	C2 E/F Sec	C2 G/H Sec	C1 Ground Wtr	
C1 E/F GW	C2 G/H GW	Low Level	High Level	Vault ~~Flow~~ Flood	Heat Trace Fail	Remote Pump	
AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump			
		on		on			
Second. Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat trace Fail	High Level On	Sta 2 Leak On	Water in Vault

Recipe 3

DAILY INSPECTION REPORT

Facility: Hyland Landfill

Date & Time: 9/19/11 11:45 - 2:45

Weather: Overcast, Windy, SW-S Wind

Inspector: John Mumm

OBSERVATIONS/ CONCERNS/PROGRESS

Loads of soil placed on top of A/B cells - Some grading was done. More work needed.

11½' of leachate in ponds -

Cell 1 A/B secondary pump pulled - still out of svc. Waiting for new pump.

Leachate sump is draining very slowly - needs to be cleaned. - Done before I left.

No odors noted off site. (No odors noted on South St/ Village Green area)

This form given to: Terry Lunn

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 9/19/11 Time 2:30 pm Inspector John Munn

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	19.4		15.6		0.2 INVALID		0.2		18.3		8.4	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	17.7		48.2		12.5	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: Cell 1 A/B pump out of service - Pump to be replaced (Cell 1 Primary transducer is out of ground.)

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	1.5	Bubbler	8.7	Bubbler	11.5	Bubbler	4.5	Bubbler	11.7	Bubbler	5.4
	Flow Control	1.6	Flow Control	9.6	Flow Control	11.7	Flow Control	4.3	Flow Control	11.5	Flow Control	5.3
	Hi	Lo	Hi	Lo	Stick		Top of stick is 12'		Estimate	11		
Limit	20"	12"	20"	12"								

Warning Light Status: Check if lights are lit

C1 Prim	C2 Prim	C1 A/B Sec	C1 C/D Sec	C2 E/F Sec	C2 G/H Sec	C1 Ground Wtr	
C1 E/F GW	C2 G/H GW	Low Level	High Level	Vault Flow	Heat Trace Fail	Remote Pump	
AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump			
Second. Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat trace Fail	High Level On	Sta 2 Leak On	Water in Vault

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 9/21/11 1[15] - 2[45]

Weather Overcast, cloudy ~70°F, SW wind

Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Top cover for cells 1+2 & leachate ponding on South slope - per September letter from Joe Boyles

OBSERVATIONS/ CONCERNS/PROGRESS

South slope leachate pools being drained/filled. Well driller on site, gas/leachate wells being installed.

Top of cells 1+2 have had more soil placed + graded - more work needed/to be done. ASR pile blended/graded into surface

This form given to: Terry Lunn

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 9/22/11 11:00 am

Weather Cloudy w/ Sun, 70's / RAIN!

Inspector John Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Cell 1 A/B Secondary pump needs to be installed,
Leachate breakouts on South slope below trench.
Cell 3 bubbler system is down - no control on
leachate pumping - Needs to be placed in
service.

OBSERVATIONS/ CONCERNS/PROGRESS

Progress being made on drilling wells on
South slope to drain leachate.
Soil placed on top of Cells 1 & 2 - grading
work taking shape - more work to be done
No offsite odors

This form given to: ~~Joe Boylan~~ Terry Lunn

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 9/22/11 Time 1:00 pm Inspector MWW

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	14.3		14.9		NOT OPERATING		0.2		18.4		11.1	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	17.6		39.8		12.8	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: Cell 2 E/F on Hand, A/B set to OFF, all others @ Auto
Cell 2 Secondary @ 18.4, ~~Pump Alarm~~ set @ 12, pump is ON
Cell 3 Bubbler system not operating - no control

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	OFF	Bubbler	OUT OF SERVICE	Bubbler	11.5	Bubbler	4.6	Bubbler	11.2	Bubbler	5.4
	Flow Control	OFF	Flow Control	OUT OF SERVICE	Flow Control	11.7	Flow Control	4.3	Flow Control	10.9	Flow Control	4.3
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	12	(Stick is 16')		Bay 2 Estimate	12		
Limit	20"	12"	20"	12"								

C1 Prim	C2 Prim	C1 A/B Sec	C1 C/D Sec	C2 E/F Sec	C2 G/H Sec	C1 Ground Wtr	
C1 E/F GW	C2 G/H GW	Low Level	High Level	Vault Flod	Heat Trace Fail	Remote Pump	
AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump	**Warning Light Status: Check if lights are lit**		
		✓		✓			
Second. Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat trace Fail	Notes: Cell 3 - bubbler ~~OFF~~ not running - no air		
✓							

Leachate lights - Bay 1 Secondary light

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
Hyland Landfill	Angelica NY	02S117	09/27/11	1320

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
John Munn	M	Terry Lunn, Operations Supervisor

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	Cloudy, Rain → Clearing, 70's, SW wind	9-0232-00010/30010/2

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 1	☐ Yes ☒ No	Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☐	☒	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). NOT ACCEPTED
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☐	☒	☐	d. Bulk Liquids. 360-2.17(k). NOT ACCEPTED
☐	☒	☐	e. Whole Tires. 36-0-2.17(v). NOT ACCEPTED
☐	☒	☐	f. Lead Acid Batteries. 360-2.17(w). NOT ACCEPTED
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☒	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☒	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☒	☐	c. Permit Application Records. 360-1.14(i)(3).
☐	☒	☐	d. Monitoring Records. 360-1.14(i)(4).
☒	☐	☐	e. Facility Operator Records. 360-1.14(u)(1).
☒	☐	☐	f. Fill Progression Log. 360-2.9(e).
☒	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2). N/A
☒	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m). NO OFFSITE ODORS NOTED
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.17(g). EMPLOYED CONTROL IS EFFECTIVE
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☐	☒	☐	b. Asbestos Waste. 360-2.17(p)(3). NOT ACCEPTED
☐	☒	☐	c. Tanks. 360-2.17(r).
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d). WORK IN PROGRESS IS PROCEEDING WELL.
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).
			MONITORING
☐	☒	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☒	☐	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c).
			OTHER
			On Continuation Sheet identify any other violations.

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Terry Lunn
Individual in Responsible Charge (Please print)

Inspector's Signature

Signature Date

REGIONAL OFFICE COPY

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 9/29/11 9:40 - 12:15

Weather Cloudy 60's, RAIN

Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- Cell 1 A/B Secondary pump not running - level @ 41.8, setpoint is 20' to run. Should be running based on control, not running based on flow meter.
- One well appears to have leachate @ ground level

OBSERVATIONS/ CONCERNS/PROGRESS

Odors noted on upper half ~~of Peacock Hill~~ (between I-86 Bridge + landfill entrance) of Peacock Hill. Odors were not strong but noticeable

9:40 - No odors in Angelica south of I-86 Bridge

Hydroseed done over previous weekend. All secondary liner is in.

South slope is improving - significant progress seen with cover 3/4 surface drying.

This form given to: Terry Lunn

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 9/29/11 Time 11:15 am Inspector Munn

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	17.2		15.6		41.8		0.2		18.7		8.1	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	17.2		37.1		12.8	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: 2ND ARY (C1) OVER LIMIT – PUMP NOT RUNNING
Cell 1 Primary Meter is leaking

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	2.7	Bubbler	15.8	Bubbler	11.1	Bubbler	4.3	Bubbler	11.2	Bubbler	5.4
	Flow Control	2.8	Flow Control	16.3	Flow Control	11.3	Flow Control	4.1	Flow Control	11.0	Flow Control	5.2
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	~11-6	(Stick is 16')		Bay 2 Estimate	~11		
Limit	20"	12"	20"	12"								

C1 Prim	C2 Prim	C1 A/B Sec	C1 C/D Sec	C2 E/F Sec	C2 G/H Sec	C1 Ground Wtr	
C1 E/F GW	C2 G/H GW	Low Level	High Level	Vault Flod	Heat Trace Fail	Remote Pump	
			✓				

AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump	**Warning Light Status: Check if lights are lit** Notes: Should mark
		✓		✓	
Second. Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat trace Fail	

Leachate Ponds — AC Power Failure — High level — Low level — Loadout Inh. — Bay 1 Primary — Bay 1 Sec. — Bay 2 Prim.
Bay 2 Sec. — Stat. Leak — Pump Fault — Loadout overfill — Heat trace Fault — SRB Flood — Discharge Alarm

MH/KH/File
MJH

Monitoring Report

Distribution: Mark Hans; P.E., Regional Materials Management Engineer
Kevin Hintz, P.E., NYSDEC
Joseph Boyles, Hyland Landfill Manager
Robert Jones, Supervisor, Town of Angelica

Facility Name: Hyland Landfill

Facility Number: 02S17

02S17

Date: September 9, 2011

Reporting Period: August, 2011

Facility Monitor: John Munn (JM) deg

Summary

Monitoring visits were made August 1 and 17 by Kevin Hintz (KH) and August 2, 17, 19 and 22 by John Munn (JM). On August 24, JM, accompanied by KH, made a monthly inspection. A continuing and significant concern is the south slope leachate breakout and drainage issues noted in previous monitoring reports. On August 14, a sump flooded resulted in leachate contamination of a down gradient storm water impoundment and probable release of leachate into storm water run-off. Hyland took corrective actions to address the immediate threat, met with the DEC on August 25, and, on August 29, submitted a plan to reduce leachate production, enhance its drainage into the waste and minimize future breakouts on the south slope. This plan includes installation of gas extraction wells, pumping residual leachate into the leachate collection system and applying intermediate cover to the south slope and the top of cells 1 and 2 to facilitate surface drainage and reduce infiltration.

Construction continues with cell 4. The groundwater management system is nearly complete and Zoladz has begun installation of the clay lifts for the secondary liner.

Observations

Odors: No offsite odors were noted. Odor complaints were received from Angelica village residents living along South Rd, White St and West Ave. Odors were noted at the following times:

August 13, evening (9:30 pm)
August 21, morning (7:40 am)
August 27, morning (6:00 - 9:15 am)
August 31, evening (7:30 pm)

I have not yet correlated wind direction with location but I casually observed that wind direction in the valley where the village is located is not the same as that at the landfill.

On-site odors are strong proximate to exposed leachate, open gas line trenches and at the working face. Significant gas is escaping from the south slope, evidenced by gas seeps and bubbling in leachate pools.

Waste placement: Waste placement is along the south and west edge of cell 3C. Placement, compaction and lift height are complaint. Daily cover is ADC, primarily drill cuttings and C&D waste.

Road maintenance/dust control: Road spraying was employed by Casella (and by Zoladz as part of their cell 4 construction activity) to minimize dust. Casella's road sprayer was out of service for about two weeks during the month and Zoladz assisted as needed. Dusty conditions were noted on August 24, despite the use of borrowed equipment. There are no close receptors and there were no dust complaints.

Storm water management:

a. Leachate

As noted in the summary,
Sunday, August 14: A leachate sump became clogged and unable to handle leachate and storm water run-off from the south slope. The sump's berm failed to contain the leachate contaminated run-off which flowed into an adjacent storm water retention basin. Matted grass at the basin's outlet indicated leachate drained into a surface water ditch and escape to surface waters.
Wednesday, August 17: A site visit was made by KH and JM. It was observed that the basin's water was discolored and Hyland personnel were pumping the contaminated storm-water into the sump where it slowly drained into the landfill's leachate collection system. The process was going slowly and KH advised Hyland to pump into a tanker and haul the leachate to the impoundments.
Friday, August 19: The storm-water basin was still being pumped and the level was nearly down to mud. The fluids were pumped directly into a leachate line clean-out; the sump was filled with leachate. A trench had been dug to the cell 3A's southwest corner anchor trench to intercept leachate contaminated surface water run-off. At this time, surface water run-off from the south slope was redirected to the anchor trench on the southwest corner of cell 3A.
Monday, August 22: It was observed that rain over the weekend had filled the storm water basin and a pump employed to drain the leachate sump was not manned or operative. Additional clay soil and compaction was done along the trench to prevent leachate seeps. However, there was still leakage under the berm. Additional slope was needed in the berm to prevent puddles that resulted in leaks. It was pointed out that leachate was seeping from the beneath the newly dug trench's berm and from areas under down-gradient and that these leaks would contaminate surface run-off.
Wednesday, August 24: The surface impoundment was being drained into the anchor trench. Pumping was un-manned and the pump was sucking mud. Leachate was bleeding under the trench's berm as an uncontrolled release that would run off as surface water contamination.

b. Soil Erosion

Soil piles are only partially seeded. Grass seeding needs to be completed on the south soil pile.

Litter: Litter was under control and not a problem. However, better litter control should be employed proximate to the working face where significant litter is present on grassed areas with intermediate cover.

Leachate Collection: Leachate hauling will need to be increased significantly to draw the levels down to perform maintenance. The leachate impoundments remain relatively high. The two impoundments have not been cleaned this year (now scheduled for October). The levels will need to be drawn down significantly to retain adequate working and reserve capacity as the impoundments are alternately taken out of service.

The leachate monitoring system needs maintenance. Warning lights are inoperative with either burnt bulbs or lights that are lit in the absence of a fault. The Cell 2 Primary leachate level controls the leachate pump and is reporting excessive levels (104"), possibly due to a short, burnt wire or other problem. Because this system controls the leachate pumps, maintenance is critical.

Additional leachate system maintenance items noted include water intrusion into the pump station

Cover: Daily cover is adequate. However, the top of Cells 1 and 2 and the south slope require intermediate cover. At month end, the surface is covered with either clay or with ADC from drill cuttings and auto shredder residue. Windblown plastic protrudes from the ADC. There is exposed waste on the south slope where the leachate pools have been excavated and on the top of cells 1 and 2 where gas wells have been drilled which needs to be covered.

Equipment: During the month, Hyland experienced critical equipment breakdowns. At one point, both of its excavators were out of service and the water truck was out of service. The excavators were inoperative during a time of critical need.

Construction: Work on cell 4 continues. By month end, the groundwater collection system was nearly complete with placement of the groundwater standpipes, groundwater geocomposite and 1st, 2nd and 3rd lifts of secondary clay liner.

High Priority Areas of Continued Concern

- The leachate breakouts on the south slope need to be repaired. A plan of action has been proposed.

- By regulation, areas having ADC must receive intermediate cover within 30 days.

Areas of Continued Concern

- Presence (or absence) of offsite odors from the landfill will continue to be monitored. It might be prudent to investigate placing air monitors in the village.

- Tracking and road dust along Peacock Hill Rd will continue to be monitored. This is not presently a problem, but it's a concern of residents.

- Though leachate impoundment levels are kept in check, greater freeboard is recommended. Leachate levels must be reduced to allow maintenance scheduled for October.

- Maintenance and upkeep of the leachate level indicators needs improvement. Their operation has been problematic.

Areas of Progress

- Some progress was made with south slope leachate breakouts, although much work remains to correct the problems. A plan has been submitted to address the south slope problems by September 30.

- Maintenance of the leachate impoundments is scheduled for mid-October.

Hylands 8/1/11 2:30pm.

02517

MH
JM

- Leachate pool after hole dug on south slope on 2nd level.
- New gas wells being installed. (vertical wells)
- Leachate levels in both ponds down. Making progress
- Leachate level in Cell 2 primary at 10' due to electrical short / burnt wire on Friday.

—

DAILY INSPECTION REPORT

FACILITY: Hyland landfill

DATE & TIME: August 2, 2011

WEATHER CONDITIONS: Sunny, 70°s - 80°s, SW to W to NW wind

INSPECTOR'S NAME: John Munn, Mary McIntosh

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Cell 2 Primary @ 94.3", warning limit @ 23.6 - level decreasing from 8/1 inspection following service - No lights

Cell 2 Groundwater @ 30", alarm set for 20", No lights

Cell 3 High level warning light & Station 2 leak on. High level ok.

Leachate ponds look good

Litter looks good

Dust control being employed.

Surface water look good

South Slope work in progress to address pooling leachate

Gas wells being hr. Head

This form given to: Terry Lunn

DAILY INSPECTION REPORT

FACILITY: Hyland

DATE & TIME: 8/17/11 3:00 - 5:00 pm

WEATHER CONDITIONS: Sunny, 80°s

INSPECTOR'S NAME: John Munn / Kevin Hintz

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

"Last Ditch Drain" overflowed into surface water basin, contaminating surface water w/ drainage. Basin being pumped - too slow - need to pump into a tanker & remove

Leachate impoundment bubbler system on N impoundment says 9.5' but the pond stick shows 6½' of exposed stick, indicating 5½' of leachate - disconnect between physical measurement & electronic

Progress: groundwater drain in Cell 4, geotextile/clay are being placed.

Gas plant scheduled to be down 8/17 8 AM - 11 TH

This form given to: Terry Lucas

DAILY INSPECTION REPORT

FACILITY: Hyland

DATE & TIME: 8/19/11 10-11:15 Am

WEATHER CONDITIONS: Sunny, ~80°

INSPECTOR'S NAME: John Munn

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Leachate overflow into @ sed basin is being addressed - Sed basin is being pumped into cleanout. "Last ditch effort" leachate interception will be filled. Trench installed across slope to intercept runoff into stone/leachate collection on west sloped cell 3A by road. South slope being dozed to remove drainage intercepts.

Stick measure may be @ 16', not 12' to 11' as we thought, explaining the difference between bubbler system & stick @ N leachate pond. - To be verified/corrected when pond re-drained. Progress being made.

This form given to: Terry Lunn

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
Hyland Landfill	Angelica, NY	02S117	08/24/11	1430

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
John Munn	M	Terry Lunn, Operations Supervisor

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	Overcast ~70 Strong SW Winds Gusts	9-0232-00100301/00002-1

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 3	☒ Yes ☐ No	_____ Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☐	☒	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). N/A - Not Accepted
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☐	☒	☐	d. Bulk Liquids. 360-2.17(k).
☐	☒	☐	e. Whole Tires. 36-0-2.17(v). } N/A - Not Accepted
☐	☒	☐	f. Lead Acid Batteries. 360-2.17(w).
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2). See Note
			4. Operational records are available where required:
☒	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☒	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☒	☐	c. Permit Application Records. 360-1.14(i)(3).
☐	☒	☐	d. Monitoring Records. 360-1.14(i)(4).
☒	☐	☐	e. Facility Operator Records. 360-1.14(u)(1).
☒	☐	☐	f. Fill Progression Log. 360-2.9(e).
☒	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2). N/A - Asbestos Not Accepted
☒	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j). See Note
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k). See Note
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m). See Note
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☐	☒	☐	b. Asbestos Waste. 360-2.17(p)(3). N/A - Not Accepted
☐	☒	☐	c. Tanks. 360-2.17(r).
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).
			MONITORING
☐	☒	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☒	☐	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c). See Note
			OTHER
			On Continuation Sheet identify any other violations.

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Terry Lunn
Individual in Responsible Charge (Please print)

Terry
Signature

Date

John Munn
Inspector's Signature

8/24/11

REGIONAL OFFICE COPY

47-15-1 (12/91)—28b

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE

6 NYCRR Part 360
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet

[For Use at Subpart 360-2, 360-4, 360-5, 360-7, 360-8, or 360-11 Facilities]

FACILITY NAME	LOCATION	FACILITY NO.	DATE	TIME
Hyland Landfill	Angelica, NY	0 2 5 1 1 7	0 8 2 4 1 1	1 4 3 0

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
John Munn	M	Terry Lunn Operations Supervisor

REGION	SHEET	OF	CONTINUATION SHEET ATTACHED	WEATHER CONDITIONS	UNDER ORDER
9	2	3	☒ Yes ☐ No	70°, Cloudy	☐ Yes ☒ No

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71.
Additional Violations May be Noted on Sheet One of this Inspection Report.

Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations.
[Uncorrected violations must be described in detail and located on a sketch].

NOTES -

36. Adequate equipment - Water Sprayer is down for about a week. Spraying being done by on-site construction contractor. On day of audit, dry conditions and strong winds caused significant dust. Dust does not carry off-site due to distance of neighbors.
EXCAVATORS - Both excavators are out of service, and needed to manage/correct current leachate drainage problems.

5. Blowing litter is not being managed. Strong wind gusts are carrying litter from the working face to the east slope. Litter pickup has never been a problem and the litter will be managed, but control measures to prevent wind blown litter need to be improved.

6. Dust Control is Spotty. The Constructed Contractor is Taking Care of Areas under their control but Landfill Operations Dust Control is Insufficient due to Broken Equipment. Not an off-site Nuisance.

8. Odors - While no odors are noted off-site, Recent Digging into waste created significant odors. Odors strong at the working face, by gas line trenches recently excavated and recovered, and at leachate ponds/seeps on South face

17. Cells 1-2 have ADC cover and are still an active portion of the landfill. The cover is inadequate, waste is exposed from recent well digging. ADC cover and current grading do not permit precipitation to shed, thereby increasing leachate production. These cells need intermediate cover & grading.

20. Decomposition gases are escaping from leachate pools/trenches dug in the waste, and as such are uncontrolled. (Landfill collects gas for energy recovery)

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

John Munn
Inspector's Signature

Terry Lunn
Individual in Responsible Charge [Please print]

Terry
Signature

Date

REGIONAL OFFICE COPY

47-15-1 (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
Continuation Sheet

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
Ayland Landfill	Angelica NY	02517	08/24/11	1430

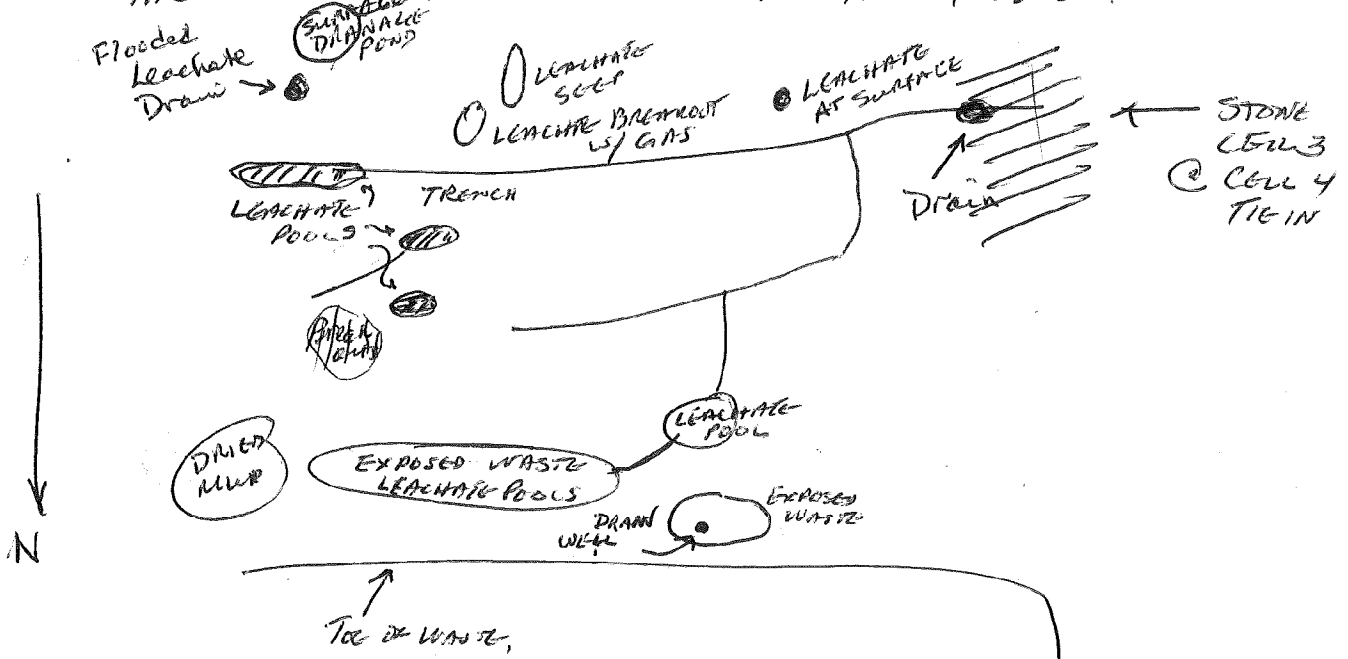
INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
John Munn	M	Terry Lunn, Operations Supervisor

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	Overcast 70° South Wind Gusts Strong	9-1-0232-00003/00002-1

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
3 OF 3	☐ Yes ☒ No	Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts.
Additional Violations May Be Noted on Sheet One of this Inspection Report.
Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations.
(Uncorrected violations must be described in detail and located on a sketch).

10. Leachate Minimization: ① Current Corrective Actions To Capture Leachate Breakouts Increase Leachate Generation By Collecting Surface Water Runoff On South Slope ② Leachate Breakouts On South Slope Between A Leachate Capture Trench And The Toe Of The Slope Allow Leachate To Enter / Become Surface Water Run-Off ③ A Leachate Drain Overfoned And Released Leachate Into Surface Run-Off On 8/14 In A Heavy Rain Storm. (Corrective Actions Are Being Done) ④ The Top Of Cells 1 & 2 Generate Leachate Out Of Necessity Because The Surface Does Not Have An Interim Cover.



⑤ ~~Leachate~~ Leachate Breakout On South Slope By Liner Tear

⑥ Leachate Pump - Cell 2 Primary @ 16 gpm, Probe Cell 2 Primary @ 47", Limit Is 20"

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Terry Lunn
Individual in Responsible Charge (Please print)

John Munn
Inspector's Signature

Terry
Signature

Date

REGIONAL OFFICE COPY

DAILY INSPECTION REPORT

Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3 and Leachate Impoundment Ponds

Date 8/29/11 Time 1300 Inspector MUNN / HINTZ

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	9.0		No Lights 47.0		~~No Light~~ 6.7		~~No Light~~ 0.2		~~No Light~~ 18.0		8.4	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	~~20"~~ 24	8"	~~21.2"~~ 23.6	8.6"	~~12"~~ 20	8"	~~12"~~ 20	8"	~~12"~~ 20	8"	~~12"~~ 20	8"

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H	
Reading	17.4		No Light 45.9		9.6	
	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"

Notes: Riser Bldg 1 – All Switches SET TO AUTO
Cell 1 Secondary E/F Pump not running - 1 in. @ 12, @ 18
What are lights set at? Leak @ Cell 1 Riser valve ~~out~~
Cell 2 prim. pumping @ 16 gpm

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading (No lights OK)	Bubbler	15.6	Bubbler	13.0	Bubbler	8.8	Bubbler	4.4	Bubbler	11.4	Bubbler	4.9
	Flow Control	15.4	Flow Control	13.6	Flow Control	9.1	Flow Control	4.2	Flow Control	11.3	Flow Control	4.3
	Hi	Lo	Hi	Lo	Stick	~9	Top of stick is 16'		Estimate			
Limit	20"	12"	20"	12"								

Riser 3 – Switches to auto
LEACHATE – NO LIGHTS ON

Warning Light Status: Check if lights are lit

C1 Prim	C2 Prim	C1 A/B Sec	C1 C/D Sec	C2 E/F Sec	C2 G/H Sec	C1 Ground Wtr	
C1 E/F GW	C2 G/H GW	Low Level	High Level	Vault Flow	Heat Trace Fail	Remote Pump	
AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump			
Second. Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat trace Fail	High Level On	Sta 2 Leak On	Water in Vault

MH/KH/File

Monitoring Report

Distribution: Mark Hans; P.E., Regional Materials Management Engineer
Kevin Hintz, P.E., NYSDEC
Joseph Boyles, Hyland Landfill Manager
Robert Jones, Supervisor, Town of Angelica

Facility Name: Hyland Landfill

Facility Number: 02S17

OIL 02S17
Releasable
Non-Releasable

Date: August 5, 2011

Reporting Period: July, 2011

Facility Monitor: John Munn (JM)

Summary

Routine monitoring visits were made on July 6, 11, 21, and 27. The monthly inspection was done by Kevin Hintz on July 21. Alan Zylinski accompanied me on July 6 in response to a June 27 odor complaint. The leachate related breakout and drainage issues noted in June's report are being addressed, but much work needs to be done to correct the situation and preventative measures need to be taken to prevent a reoccurrence.

Observations

Odors: On July 6, strong southwesterly winds carried feint offsite odors to Peacock Hill Road about midway between the landfill entrance and Hyland's cell tower. This observation is consistent with the location of the working face and the wind direction. No offsite odors were noted at any other time or at any other location.

Waste placement: Waste placement is along the south edge of cell 3B, progressing westward. Placement, compaction and lift height are complaint. Daily cover is ADC, primarily drill cuttings and C&D waste.

Road maintenance/dust control: Road spraying was employed by Casella and by Zoladz to minimize dust. Tracking was minimal along Herdman Rd and Peacock Hill Rd. Inadequate staffing compromised dust control/water spraying on July 27.

Stormwater management: No issues noted. Silt fences were used in the construction areas and soils were packed to minimize rills and erosion. Soil piles are only partially seeded. Seeding needs to be completed to establish grass.

Litter: Litter was under control. Drying storm water basins exposed litter which was removed.

Leachate Collection: Leachate hauling will need to be increased significantly to draw the levels down to perform maintenance. The leachate impoundments remain relatively high at about 2/3 total capacity. The two impoundments will need maintenance before year end and the levels need to be drawn down significantly to retain adequate working and reserve capacity as the impoundments are alternately taken out of service.

The leachate monitoring system needs maintenance. Warning lights are inoperative with either burnt bulbs or lights that are lit in the absence of a fault. On the date of the monthly inspection, bees nesting in the riser building 1 pump control area prevented our inspection.

Additional leachate system maintenance items noted include water intrusion into the pump station and leaking valves in the leachate basin side riser building.

Leachate Breakouts: The north and west seep locations were covered with hay to encourage grass and the south slope's breakouts have not all been corrected. Clay was placed over south slope breakouts as they dried and progress was made to prevent further infiltration. But breakouts re-emerged through the newly placed clay. Trenches of pooled leachate failed to drain and landfill gas was bubbling up through the pools and breakouts. The breakouts are being contained within the waste mass and are being captured by a drainage sump created near the anchor trench. Of immediate concern is the possibility that heavy rains will flood the "last ditch" sump and allow leachate to escape into an adjacent storm water channel that feeds to the surface water impoundment.

Cover: Daily cover is adequate. The top of Cells 1& 2 requires grading and interim final cover and the south slope requires intermediate cover. Exposed waste on the south slope where the leachate pools have been excavated need to be covered.

High Priority Areas of Continued Concern

- The leachate breakouts on the south slope need to be repaired.
- Areas having ADC as cover must receive intermediate cover within 30 days.

Areas of Continued Concern

- Presence (or absence) of offsite odors from the landfill will continue to be monitored.
- Tracking and road dust along Peacock Hill Rd will continue to be monitored.
- Though leachate impoundment levels are kept in check, greater freeboard is recommended.
- Maintenance and upkeep of the leachate level indicators will be monitored.

- The damaged tire wash needs repair.

Areas of Progress

- Clay was stockpiled on the top of cells 1& 2 and on the south slope of cell 3.
- Some progress was made with south slope leachate breakouts.

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 7/6/11

WEATHER CONDITIONS: 80's, Overcast/hazy. SW wind

INSPECTOR'S NAME: John Munn / Al Zylinski

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

- landfill odors noted on Peacock Hill Rd between landfill entrance & cell tower (about midway between) - consistent w/ observed wind direction. No odors noted in Angelica village center.
- West and north leachate seeps have been covered & graded - & hay placed down to encourage grass
- One roll of geotextile has exposed end - near Leachate office trailer
- Site has minimal litter. None observed blowing
- Dust control (road sprayings) being employed.
- Leachate impoundments are both high - leachate was being hauled. 2 tankers loaded during visit - Both about 9'

This form given to: Terry Lunn

DAILY INSPECTION REPORT

FACILITY: Hyland landfill

DATE & TIME: 7/11/11 10:30 - 2:00 pm

WEATHER CONDITIONS: Sunny 80's, partly cloudy sky

INSPECTOR'S NAME: John Mann

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

No Violations

No odors noted along Peacock Hill Rd from I-86 to Herdman Rd.

Water controls being used. Sun & winds are drying out soils rapidly.

Some litter needs removal from east storm water basin.

Overall, site is litter free.

Leachate being hauled.

Compaction & lift placement are good.

This form given to: Terry Lunn

South slope leachate seeps being worked on

John Munn - Re: Hyland

From: John Munn
To: Hans, Mark
Date: 7/15/2011 11:41 AM
Subject: Re: Hyland
CC: Hohmann, Mary; Zylinski, Alan

Here's a summary:

Michelle Mapes made an odor complaint to Connie LaPort on 6/28. This is the first complaint I've had since either January or February. Ms. Mapes noticed odor on Monday, June 27 from 5:00 AM to Tuesday and called Connie on Tuesday morning. I spoke with Michelle later that day.

I visited Angelica and drove on South Rd on 6/29 and as I drove on South Rd I was stopped by a neighbor who also confirmed the odor's presence. At that time, no odors were present. I stopped at the town office building and spoke with staff who did not notice any odors at the time of the complaint.

I made another visit to South Rd on 6/30 and again on 7/6 with Al Zylinski. We did not detect any odors in the village at the time of our visit. Al and I did detect some odors on Peacock Hill Rd at a location north east of the fill placement at a location approximately 4000 feet from where waste is currently being placed, and this is in line with the wind direction at that time. The odor was not strong, but it was present. While at Hyland on 6/29, I did look at the wind direction records and the winds were from the south and southwest for almost the entire time of the complaint. This wind direction would not direct odors from Hyland to South Rd in Angelica as South Rd. id north and a bit west of Hyland.

Alan and I did search along County Route 2 (Karr Valley Rd) east but our investigation uncovered only a weep from a natural gas line. So far, attempts to verify odors in the village and further than Peacock Hill Rd have been fruitless.

Referring to Google Maps for Angelica, one thought is that a south/southwest wind would direct odors from the Allegany County Landfill directly into Angelica, and directly towards South Rd. Further, this direction is generally in line with the I-86 corridor valley. I believe the odors causing this complaint originate with the county landfill and not with Hyland.

John

>>> Mark Hans 7/15/2011 10:12 AM >>>
We received two about two weeks ago. John Munn and Al Zylinski went out to investigate but couldn't tie it to the landfill. They did check the wind direction for the day of the complaint and it seems as if the wind was blowing in the other direction.

Mark

>>> Mary Hohmann 7/14/2011 2:38 PM >>>
Have you received any complaints about Hyland odors?

Also, FYI, New Source Review (NSR) rules changed as of July 1, 2011. Because the mod request to the ATV permit wasn't issued by July 1, 2011, Hyland will need to submit more information to us before I will be able to

continue processing the applications for the 49% increase.

John Munn - Hyland Landfill Complaint

From: Connie LaPort
To: John Munn
Date: 6/28/2011 10:03 AM
Subject: Hyland Landfill Complaint
CC: Alan Zylinski; Hans, Mark

Hi John,

I received a complaint this morning from:

Michelle Mapes
25 South St.
Angelica, NY
585-466-5025
585-770-4906 (cell)

She said from 5:00 a.m June 27 to 8:00 a.m June 28 there has been a "nauseous, rotten, toxic odor" in the air that makes her eyes burn and is affecting her health. She said she is told the odor is from the "dump on the hill". She did not know the name of the facility. She is very concerned for her health.

I told her that you are out there a few times a week and have been very diligent in investigating the odors in the area. I told her you would contact her to discuss her observations. She seemed very appreciative.

Al Zylinski has taken over the field activities related to the Division of Air. I don't believe Al has been to Hyland Landfill yet. Al may like to go out there with you.

If you need anything from me, please let me know.

thank you for your help with this.

Connie

Spoke w/ Michelle Mapes 6/28.
Followed up 6/29 w/ site visit and visit to South St. Repeated visit on 6/30.

On 6/29 I met another neighbor/resident on South St who also mentioned / complained of the odors - did not get his name. Odors were @ same time as reported by Michelle. I also stopped in @ Town hall at I-86 exit & spoke w/ Town employees - they did not notice any odors or have complaints.

Made site visit on 7/6 w/ Alan Zylinski - no odors noted on South St.

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
Hylands	Headman Rd. Angelica	02S117	07/21/11	1400
INSPECTOR'S NAME	**CODE**	**PERSONS INTERVIEWED AND TITLES**		
Kevin Hintz	S	Terry Lunn, Landfill Sup.		
REGION	**WEATHER CONDITIONS**	**DEC PERMIT NUMBER**		
9	Hot Humid	9-0232-00003/00012		
SHEET	**CONTINUATION SHEET ATTACHED**	**PART(S) 360-**		
1 OF 3	☒ Yes ☐ No	_____ Attached		

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☐	☒	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). NOT ACCEPTED
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☐	☒	☐	d. Bulk Liquids. 360-2.17(k).
☐	☒	☐	e. Whole Tires. 36-0-2.17(v). NOT ACCEPTED
☐	☒	☐	f. Lead Acid Batteries. 360-2.17(w).
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☐	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☒	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☐	☐	c. Permit Application Records. 360-1.14(i)(3).
☒	☐	☐	d. Monitoring Records. 360-1.14(i)(4).
☐	☐	☐	e. Facility Operator Records. 360-1.14(u)(1).
☐	☐	☐	f. Fill Progression Log. 360-2.9(e).
☒	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2). NOT ACCEPTED
☒	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control of other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.17(g). Leachate breakouts/ponding are a serious problem on-site
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☐	☒	☐	b. Asbestos Waste. 360-2.17(p)(3). NOT ACCEPTED
☒	☐	☐	c. Tanks. 360-2.17(r).
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e). NO FINAL COVER IN PLACE ON SITE
			MONITORING
☐	☒	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☐	☒	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c). Gas Bubbling up through
			OTHER
			On Continuation Sheet identify any other violations. leachate breakouts/pools on south slope.

Immediate/serious concerns:
1) Re-development of leachate breakouts/pools on South slope
2) Need to cover ADC/waste and top of Cell 1&2 + South slope of

Kevin Hintz
Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Terry Lunn
Individual in Responsible Charge (Please print)

Terry
Signature

Date

REGIONAL OFFICE COPY

47-15-1 (12/91)—28b

NEW [illegible] STATE DEPARTMENT OF ENVIRONMENTAL CONS[illegible]ATION
DIVISION OF SOLID WASTE

6 NYCRR Part 360
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet

[For Use at Subpart 360-2, 360-4, 360-5, 360-7, 360-8, or 360-11 Facilities]

FACILITY NAME	LOCATION	FACILITY NO.	DATE	TIME
Hylands	Heidman Rd. Angelica/D	02S107	07/21/11	1400

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
Kevin Hintz	S	

REGION	SHEET OF	CONTINUATION SHEET ATTACHED	WEATHER CONDITIONS	UNDER ORDER
9	2 of 3	☒ Yes ☐ No	Hot, Humid	☐ Yes ☒ No

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71.
Additional Violations May be Noted on Sheet One of this Inspection Report.

Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations. [Uncorrected violations must be described in detail and located on a sketch].

- Sid Risa Bldg - Cell 3
  - high level light on
  - Station #2 level light on

- Leachate basins - Side Risa Bldg
  - level in side Risa bldg. (leaking valve)
  - low level light on
  - secondary - bay 1 light on
  - overfill light on

- Bees in STE Risa bldg for cells 1 & 2.
- Need to seed stockpile north of gas plant
- Leachate breakouts are re-appearing on south slope.
- Need to grade & cover top of Cells 1 & 2.
- Need interim final cover on top of cell 1 & 2
- Need intermediate cover on south slope.

Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Individual In Responsible Charge [Please print]

Signature Date

REGIONAL OFFICE COPY

47-15-1 (12/91)—28b

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE

6 NYCRR Part 360
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet

[For Use at Subpart 360-2, 360-4, 360-5, 360-7, 360-8, or 360-11 Facilities]

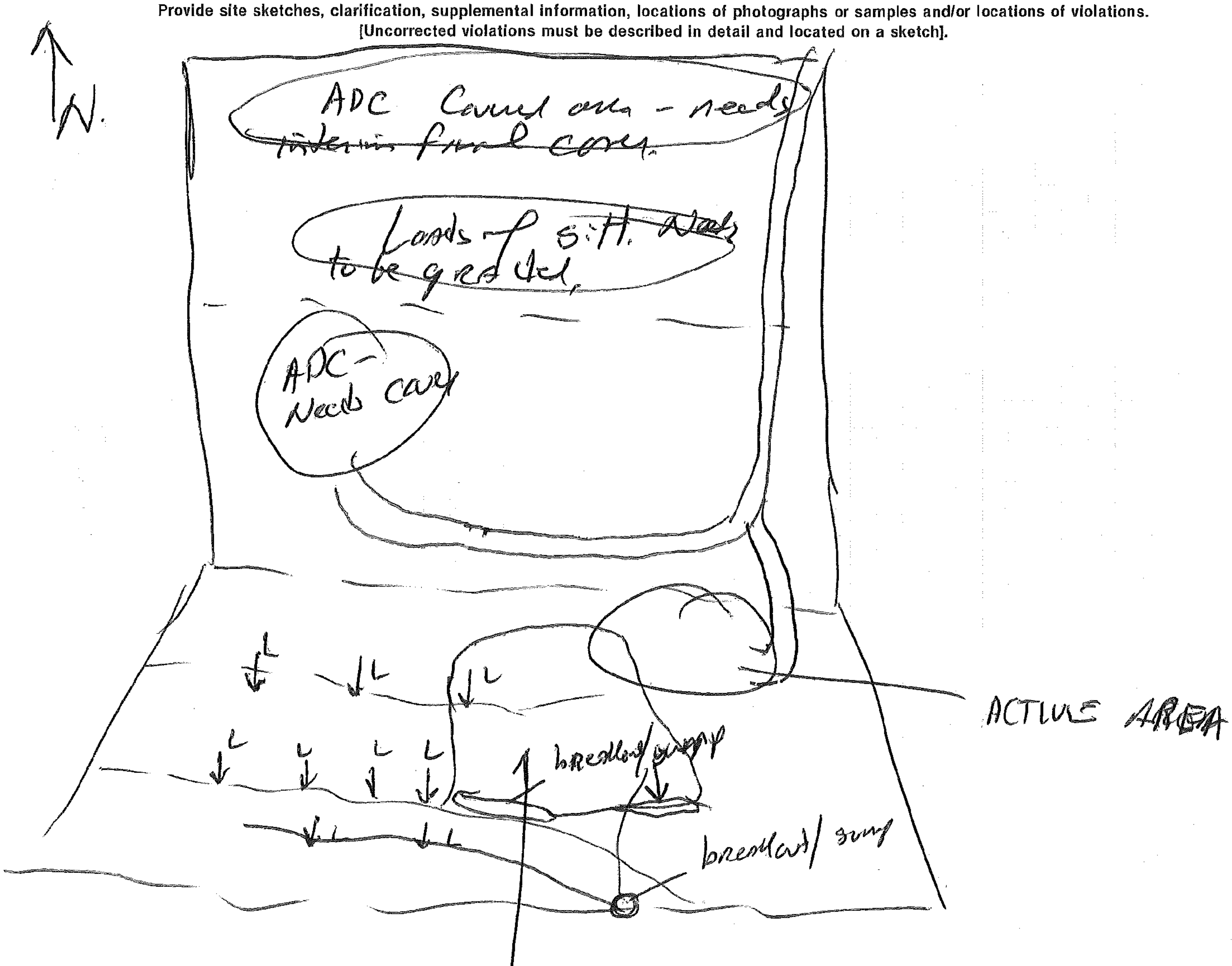
FACILITY NAME	LOCATION	FACILITY NO.	DATE	TIME
Hylands	Hardman Rd, Angelica (T)	02S17	07/21/11	1400

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
Kevin Hintz	S	

REGION	SHEET OF	CONTINUATION SHEET ATTACHED	WEATHER CONDITIONS	UNDER ORDER
9	3 of 3	☐ Yes ☐ No	Hot, Humid	☐ Yes ☒ No

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71. Additional Violations May be Noted on Sheet One of this Inspection Report.

Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations. [Uncorrected violations must be described in detail and located on a sketch].



I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Inspector's Signature

Individual in Responsible Charge [Please print]

Signature

Date

REGIONAL OFFICE COPY

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 7/27/11 11:30 - 2:00 pm

WEATHER CONDITIONS: Cloudy, (50%) ~80°F, Westerly wind

INSPECTOR'S NAME: John Muno

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

No offsite odors noted.

Landfill Utility is under control

Dust control needed - (short staff?)

Riser bldg 1+2 panel lights burned out -
Cell 2 ~~Secondary~~ primary pump to be pulled -

Leachate pond #1 (north pond) ≈ 9'

Leachate pond #2 (South pond) ≈ 10'

Compaction / lift height good.

Work @ South face on road @ cell ~3 b/c

This form given to: Terry Lunn

7/27/11

DAILY INSPECTION REPORT
Hyland Landfill Riser Level Readings for Cells 1 & 2 and Cell 3
And Leachate Impoundment Ponds

	Cell 1 Primary			Cell 2 Primary			Cell 1 Secondary A/B			Cell 1 Secondary C/D		
Reading	14.5			10.2			75.0			8.9		
	Ok	Hi	Lo	Ok	Hi	Lo	Ok	Hi	Lo	Ok	Hi	Lo
Status (check)	✓	~~20"~~	~~8"~~	✓			✓			✓		
Limit		20"	8"		21.2	8.6	X	12"	8"		12"	8"

	Cell 2 Secondary E/F			Cell 2 Secondary G/H			Cell 1 Groundwater		
Reading	18.0			8.0			17.0		
	Ok	Hi	Lo	Ok	Hi	Lo	Ok	Hi	Lo
Status (check)	✓			✓					
Limit	X	12"	8"		12"	8"			

	Cell 2 Groundwater E/F			Cell 2 Groundwater G/H			Cell 3 Primary			Cell 3 Secondary		
Reading	26.0			12.8			FlowCont 15.9 Bubbler 16.1			10.1 Bubbler 9.4		
	Ok	Hi	Lo	Ok	Hi	Lo	Ok	Hi	Lo	Ok	Hi	Lo
Status (check)								20	12		20	12
Limit										X		

Bay 1 Primary / Bay 1 Sec / Bay 2 Prim / Bay 2 Sec

	North Impoundment			South Impoundment		
Reading	FlowCont 9.0 0.5.0 Bubbler 8.7 5.1 Down 3½ Ft from top stick			~~0.5.0~~ 10.3 0.6.0		
	Ok	Hi	Lo	Ok 10.5	Hi 6.1	Lo
Status (check)	✓			✓		
Limit						

Date _____

Time _____

Inspector: _____

Notes:

No Ind. lights lit

Reset: C1 prim., C2 prim, C1 A/B sec, C1 C/D sec, C2 E/F sec, C2 G/H sec, C1 g.w. C1 E/F G.W, C2 G/H gw, Low level, High level, Vault flood, Heat Trace Failure, Remote Pump Enbl

AC Power failure, High level, Low level, Leachate Inhibit, Prim Sump

Second. Sump, Station 2 leak, Vault flood, Pump fault, Heat Trace Fault

High level on Station 2 Leak on → water in vault

Impoundment Lights

AC Power Failure, High level, low level, Loadout Inhibit, Bay 1 Prim

Bay 1 Sec, Bay 2 Prim, Bay 2 Sec, Station 1 leak, Pump Fault

Loadout Refill, Heat Trace Fault, SRB Flood, Discharge Alarm

Loadout Flood	Bay 1 Sec Flood	Bay 2 Sec Flood

Bay 1/Bay 2
Select
Switch

Bay 1 Prim Pump Bay 1 Sec Pump

Bay 2 Prim Pump Bay 2 Sec Pump

MH/KH/File

Monitoring Report

Distribution: Mark Hans; P.E., Regional Materials Management Engineer
Kevin Hintz, P.E., NYSDEC
Joseph Boyles, Hyland Landfill Manager
Robert Jones, Supervisor, Town of Angelica

Facility Name: Hyland Landfill

02S17
Releasable
Non-Releasable

Facility Number: 02S17

Date: July 7, 2011

Reporting Period: June, 2011

Facility Monitor: John Munn (JM) dcg

Summary

Routine monitoring visits were made on June 2, 8, 13, 14, 16, 30 (accompanied by Kevin Hintz); the monthly compliance inspection was done on June 29. There are two related primary concerns. Too much surface area is uncovered ADC which generates leachate from precipitation and leachate breakouts on the side slopes that have proven difficult to eliminate.

Observations

Waste placement: Waste placement is along the south east corner of cell 3, progressing westward. Placement, compaction and lift height are complaint.

Road maintenance/dust control: Herdman Rd and the parking area have been given a surface coating of stone. Road spraying was employed to minimize dust by the Casella employees due to Casella operations and a second road spraying operation is employed by Zoladz to minimize dust caused by their Cell 4 construction activities. One tire wash has been inoperative for the month. I observed Peacock Hill Rd being swept. There was some ASR tracking, primarily along Herdman Rd and to a lesser extent on Peacock Hill Rd.

Stormwater management: Silt fences were employed along the soil stockpiles to minimize silting from rain events. Problems with some check dams and road erosion leading to the sediment ponds were noted and addressed.

Litter: Litter is under control. There was only minor on-site blowing litter. Litter was mostly confined to the area proximate to the working face along Cell 3C's southeast corner at the toe of the slope.

Leachate: Work progressed on the leachate seeps, especially with repair to the north and west slopes. By month end, the north and west seeps were cleaned of uncovered waste, drained , the surface covered with clean soil and the surfaces graded. The south slope is problematic. At month end, at least four major drains of standing leachate and exposed waste remain.

During the month, two south slope seeps were filled with tire chips and backfilled with clean soil. However, the southern slope still contains large, open drainage trenches and exposed waste dug from the drain sumps and trenches. One particular "last ditch" trench channels leachate to a sump located at the anchor trench. On our June 30 visit, the sump was silted so completely that it failed to drain any of the standing leachate. Any precipitation would overflow the sump's berm resulting in a leachate discharge directly into adjacent surface water.

Cover: Uncovered ADC exacerbates the leachate problem by permitting infiltration a clay soil cap would prevent. In addition, any runoff from the ADC must be captured and treated as leachate. For these reasons, an interim cover should be placed on the top of Cells 1 & 2 before the dry season ends. Currently, most of the landfill's flat surface is covered with ADC only, and the surface is uneven. ADC on top of Cells 1&2 was placed before the last winter; however, its use is intended as a short term daily cover. ADC approvals state "...ADC shall be used where it will be covered by the next day's waste or by clean soil." An interim cover is the fundamental solution to the breakout problems on the side slopes and will reduce infiltration and the volume of leachate generated.

Odors: Offsite odors were not noted during any visit. However, on June 28 a complaint was received of "nauseous, rotten, toxic odor" from 5:00 AM, June 27 (Monday) through 8:00 AM, June 28 (Tuesday) at a location on South St. in Angelica. A site visit was made on June 29 and again on June 30 and no odors were noted. However, on the June 29 visit, another resident on South St. stopped me and also complained of odors at that time. Both individuals were advised to log their observations and to notify the office by e-mail or phone any time they notice odors. A follow up visit with Air staff on July 6 was unable to locate or identify the source of any odors along South Rd.

Leachate management: The leachate removal kept pace with the leachate generation and the impoundments maintained the minimum required freeboard. The leachate control system's level meters remain problematic. On 6/29 and 330, the Cell 1 primary sump read 199" and 198", respectively and the over-range indicator light was inoperative. On 6/29, the Cell 3 secondary meter was under-range and the warning light was inoperative. I was told the indicator lights burn out and needed replacement.

Areas of Concern

- The leachate breakouts on the south slope need to be repaired.
- ADC not functioning as daily cover needs to covered.
- Presence (or absence) of offsite odors from the landfill will continue to be monitored.

- Tracking and road dust along Peacock Hill Rd will continue to be monitored.
- Though leachate impoundment levels are kept in check, greater freeboard is recommended.
- Maintenance and upkeep of the leachate level indicators will be monitored.
- The damaged tire wash needs repair.

Areas of Progress

- Repair of the leachate seeps on the north and west slopes is complete.
- Progress continues with construction of the new Cell 4. Problems were minor and immediately addressed.

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 6/2/11, 9 AM - 3 00 pm

WEATHER CONDITIONS: ~60°F, Windy, Blue sky, pt. Cloudy

INSPECTOR'S NAME: John Mura

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Objective - To inspect loads from Dresser Rand Special Waste Approval # 2380. Waste was to contain mud & trash bags. The trash bags (per Jesus of clean up co) were to contain cleaning material & mud.

Upon delivery, the first two loads contained bags of mud & rags, but other items including empty containers, wood, metal turnings, furniture, floor mats & rugs, office equipment, wood shavings, plastic signage materials, balloons, glued-up 4" pvc pipe, hand tools, and office garbage. Nothing hazardous was found. The next two loads contained mostly plastic bags of rags, 96 gallon bottles of degreaser / cleaning agent were found - 2 almost full. Also hoses, empty soda & beer bottles, cleaning tools - squeegees, mop handles, mop wringer. Items were consistent w/ cleaning effort. Told Some free flowing liquids. Told operators to cover but not at ~~toe of~~ edge of slope.

This form given to: Terry Lynn.

Paperwork not consistent with material received.

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 6/8/11, 9:30-12:30

WEATHER CONDITIONS: 70-80°F, Sunny, Hazy

INSPECTOR'S NAME: John Munn / Kevin Hunt

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Some tracking on Peacock Hill & Herdman Roads - Landfill odor along Herdman - South wind. - not strong
Dust is a concern. Water spray is deployed but not able to control dust. More effort needed.
Leachate breakouts on all slopes need to be corrected.
South face leachate ponds are major, other faces pale in significance.

Check dams along damage to detention basin 2 are too high - should be ½ height of channel so water stays in channel.

Silt fence needed around soil stock piles by gas plant.
Silt fence needed along soil pile as it follows storm water channel leading to Detention Basin 3 - Silt fence is not complete.
Cell 3 - high level indicator light on - level @ 12.0" (riser bldg)
- station 2 leak indicator light is on
Cell 2 G/H groundwater light is on
Cell 1 Primary level + Cell 1 Groundwater level indicators LEDs are inoperative.

This form given to: Terry Lucy

Earthen dam needed on SE corner gas line from flat @ top where it intersects w/ slope to prevent top ~~dra~~ runoff from going downslope

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 6/13/11, 2:55 - 3pm

WEATHER CONDITIONS: Sunny w/ cumulus clouds. 70's

INSPECTOR'S NAME: John Muno

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

No Odors, Westerly Wind

Dusty - More dust control needed.

North leachate seep - almost dried up.

West " " - impoundment is full - needs to be drained. Leachate is from surface ~~drain~~ runoff, not leachate seeps

South slope - work being done to close & cover leachate impoundments & cover top to reduce infiltration

Construction activity - big dig ongoing. Silt control fence placed around soil pile by gas plant.

Depart @ 3:00 pm

This form given to: Not Given To Facility

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 6/14/11 11^00 - 2^00 pm

WEATHER CONDITIONS: Overcast, 100% Some sprinkles, 60's

INSPECTOR'S NAME: John Muno

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Some ASR on Roadway (Peacock Hill & Hedman) - Street sweeper was in operation at time - had not yet gotten to waste.

North leachate seeps have been reduced, area seeded, trash cleaned.

West seep, impoundment was full - Chester drained while I was on site. Water/leachate is draining from gas line. Soil is being loaded on top of mound to grade water away from infiltrating.

South Slope leachate seeps + impoundment is being filled with clean soil. Terry plans to remove waste and place soil onto hill.

leachate impoundments are OK. Litter situation is good. Some waste at toe of new lift at cell 3 needs to be covered.

This form given to: Terry Luna

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 6/16/11 2:15 - 3:15 pm

WEATHER CONDITIONS: Rain, 60's

INSPECTOR'S NAME: John Muney

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Heavy Rains created runoff - drive by/wind. Shield inspection w/ TERRY LUNN.

Noted: ① No odors

② North leachate drain had a strong stream of surface water running into it. Need to correct surface water collection - very little leachate being collected - problem is from gas line intercepting surface water drainage

③ West slope was cleaned up of waste @ leachate impoundment. Very little runoff draining into hole

④ South slope hole @ base has been filled & packed. Trench to drain to footing stone is working to intercept surface water off slope

⑤ Noted problem w/ silt runoff @ east sed pond. Spoke w/ Mike of Zoladz to correct/effect a solution.

This form given to: Terry Lunn

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
HYLAND LANDFILL	ANGELICA NY	9-023217	06/29/11	1200

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
JOHN MUNN	S	Terry Lunn, Operations Manager

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	60's, 100% Cloud Cover	9-0232-00003/00002

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 1	☐ Yes ☒ No	Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☐	☒	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). N/A
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☐	☒	☐	d. Bulk Liquids. 360-2.17(k). N/A
☐	☒	☐	e. Whole Tires. 36-0-2.17(v). N/A
☐	☒	☐	f. Lead Acid Batteries. 360-2.17(w). N/A
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☒	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☒	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☒	☐	c. Permit Application Records. 360-1.14(i)(3).
☐	☒	☐	d. Monitoring Records. 360-1.14(i)(4).
☒	☐	☐	e. Facility Operator Records. 360-1.14(u)(1).
☒	☐	☐	f. Fill Progression Log. 360-2.9(e).
☒	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2). N/A
☒	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☐	☒	☐	b. Asbestos Waste. 360-2.17(p)(3). N/A
☐	☒	☐	c. Tanks. 360-2.17(r). N/A
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e). N/A
			MONITORING
☐	☒	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☒	☐	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c).
			OTHER
			On Continuation Sheet identify any other violations.

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

TERRY LUNN
Individual in Responsible Charge (Please print)

Inspector's Signature

Signature Date

REGIONAL OFFICE COPY

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 6/29/11

WEATHER CONDITIONS: 60's, 100% Cloud cover

INSPECTOR'S NAME: John Munn

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Litter is under control - minimal litter onsite, some pickup needed on South side of east slope.
No odors noted off site. On-site odors were minimal and only noticed at close proximity to waste.
Leachate breakouts on North and west slopes look very good. Breakouts appear to have been stopped; soil was roughed in and ready for final grading, seeding & hay. South slope leachate breakouts are being consolidated and reduced. Clay cover is being placed on slope to reduce infiltration and create clean storm water runoff (instead of runoff that needs to be managed as leachate. (over)

This form given to: Terry Lunn

Good progress on North + West Slopes, progress continues on South slope.

Dust control is being used.

Sediment fences were built around soil Stock piles

Some rip-rap needed on roadway to sediment pond 3 to shore up road's shoulder.

Construction of Cell 4 progresses -

cell 3 tie-ins are being excavated.

cell 4 excavated clay is being sifted

soil/clay is being moved/stockpiled to cell 3 for cover

02517

MH
JM

DAILY INSPECTION REPORT

FACILITY: Hylands

DATE & TIME: 6/30/11

WEATHER CONDITIONS: Sunny, 70's.

INSPECTOR'S NAME: Kevin Hartz / John Muns

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

- Cell (primary) 198 inches - no light on.
- Both basins high/at capacity - need to bring in backup hauler / need to haul more.
- "Last ditch effort hole" not draining. Need to pick up waste from (SE corner) hole excavation & place in landfill.
- Need to grade/cover the entire top of landfill.

This form given to: Terry Lunn

MH/KH/File

Monitoring Report

Distribution: Mark Hans; P.E., Regional Materials Management Engineer
Kevin Hintz, P.E., NYSDEC
Joseph Boyles, Hyland Landfill Manager
Robert Jones, Supervisor, Town of Angelica

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: June 7, 2011

Reporting Period: May, 2011

Facility Monitor: John Munn (JM) dcg

Observations

Routine monitoring visits were made on May 3, 16, 19, 25 and 31 and the monthly compliance inspection was done on May 26.

Routine activities: Waste placement progresses along the south east corner of cell 3. Placement, compaction and lift height is complaint. The waste had been extended to the outer limits of the footprint of Cell 3C.

Leachate: The month's heavy rains contributed to leachate generation and created slippery clay-mud slopes that were difficult and often dangerous to work on. Leachate seeps were contained by berms and the ponded fluid was drained into the waste mass.

By mid month, a more permanent solution to the south slope leachate problem was begun. Clay removed from Cell 4's construction was being stockpiled to cover the south slope of Cell 3. This would minimize surface infiltration and the need to collect surface runoff from the ADC cover as leachate. Clay placement was started at the bottom of the slope and the ADC stockpile at the top of the slope was being regarded to effect a 3:1 slope that could be covered with clay. Grading and clay placement continued as weather conditions permitted. By month end, some progress had been made but the leachate ponds on the slope's benches remained a major problem. Hyland anticipated that two weeks of dry days would b3e needed to complete the work.

Litter/Dust: Litter was picked up and under control. Better management needs to be employed with fencing and temporary litter control barriers to help prevent litter from blowing, but staff is routinely deployed to pick litter and prevent it from accumulating, and the roads were inspected twice daily. Surface waters are kept free of litter, Peacock Hill and Herdman Roads were routinely swept of litter and tracked debris. For most of the month, dust was not an issue due to

the wet conditions, and Hyland swept the roadways to minimize silt on the roads. By month end, the roads were being sprayed to control dust generated by the Cell 4 construction work and the landfill activities.

Tire wash: The tire washes were operational. Accumulated mud on the wash exit, cited in April, had been scraped away and gravel was placed on the road surface.

Gas Plant: Inclement weather had caused a couple of power outages that required the gas plant to shut down or idle. In one instance the plant was shut down due to line damage from fallen trees and in another instance the local utility had requested the plant to de-energize the utility's power grid so storm damage could be repaired. When line power was out, the flare was unable to operate.

Odors: Offsite odors were noted on Peacock Hill Rd on only one visit. On this day there was a power outage and the gas plant was shut down by the utility. The flare was operational at the time of the visit. Odors were not noticed offsite on any of the other five site visits. Power outages affecting gas plant operations were noted on 5/3, 5/26, and over the Memorial Day weekend 5/27-30.

Leachate management: The leachate impoundments were managed with sufficient freeboard. The leachate control system's level meters remain problematic. On 5/26, the Cell 1 primary indicator light was flashing. I was unable to determine the cause.

Areas of Concern

The leachate breakouts on the slopes, and especially the south slope, need to be repaired as soon as possible to minimize its potential to escape the leachate collection system and become surface water runoff.

Construction activities will increase the likelihood of mud tracking out of the landfill and of silt entering surface waters.

Presence (or absence) of offsite odors from the landfill will continue to be monitored. Warmer weather will increase odors.

Tracking and road dust along Peacock Hill Rd will continue to be monitored.

Though leachate impoundment levels are kept in check, greater freeboard would allow for unanticipated circumstances such as unusually large rainfall or inability to ship leachate to treatment plants.

The maintenance and upkeep of the leachate level monitors continues to be problematic.

Areas of Progress

Stockpiling ADC and its use as daily cover generate surface water runoff and facilitates rainfall infiltration into the waste which needs to be managed as leachate. The regarding and clay cover being placed on the south slope should reduce leachate production and correct the breakouts that were cited in April's inspection.

The mud problem at the tire wash noted in April's monthly inspection has been addressed.

Much progress has been made with construction of the new Cell 4 by Hyland's contractor, Zoladz. Silt controls have been placed, roadways created and earth excavated. Excavated clay is being used to address Cell 3 leachate problems.

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 5/3/11, 11:45 - ~~2:00~~ 2:15

WEATHER CONDITIONS: ~50° Overcast, steady rain

INSPECTOR'S NAME: John Murry

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Rain is saturating the site. Waste is being compacted. No blowing litter. Litter from last Thursday's high winds has been picked up. Both leachate basins have about 1-2' below bottom of inlet pipe. No odors.

North slope leachate impoundment is overflowing, Corrective action being implemented. South Slope leachate impoundment is being pumped into tanker truck and put into leachate ponds. West slope leachate interceptor is working to prevent run off.

This form given to: Page 1 of 2

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 5/3/11

WEATHER CONDITIONS: page 2 of 2

INSPECTOR'S NAME: John Mann

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Gravel placed and packed @ ent. to truck wash. ¾ mud has been scraped back.

Problems cited on Thursday 4/28 are being addressed but the rain and wet conditions present difficulties.

Power outage @ 2:05 - gas plant down, Angelica power out. Unable to run flare w/o power.

No construction due to rain.

This form given to: Joe Boyles

DAILY INSPECTION REPORT

Pg 1 & 2

FACILITY: Hyland Landfill

DATE & TIME: 5/16/11

WEATHER CONDITIONS: Overcast, 50's, no wind, rain stopped.

INSPECTOR'S NAME: John Muno

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

No odors other than at leachate breakouts, especially @ South Slope. Odors not off site

Leachate seeps being worked on. North slope is not running. West slope has small weep draining into bermed drain. South slope leachate is still ponding but not flowing into multiple drains. 2' of clay placed on top & lower west side of South Slope to minimize breakouts. Slopes are still wet/slippery for machinery. Leachate ~~pit~~ retention basins are @ 12' - leachate being hauled.

This form given to: _____

DAILY INSPECTION REPORT

Pg 2 of 2

FACILITY: Hyland Landfill

DATE & TIME: 5/16/11

WEATHER CONDITIONS: _____

INSPECTOR'S NAME: _____

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Litter is not an issue. Tire wash operational - Roadway is clean. Fill is being placed @ SE corner of cell 3. Adequate compaction. Cover is good for other areas.

Need to discuss w/ Mark Hans time to allow ADC to remain "uncovered"

No issues seen with surface water runoff.

This form given to: Terry Lucas

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 5/19/11 1:30 - 3:30 pm

WEATHER CONDITIONS: Clearing → Overcast → Storm Clouds/Rain → Clearing

INSPECTOR'S NAME: John Murray

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Drive by inspection - leachate seeps are being addressed. North + West seeps are being intercepted - seeps are small trickle / to dry. Clay has been placed on about 2/3 of of lower half of South slope of cell 3A + 3B to address breakouts. Some ASR on Hedman + Peacock Hill - Sweeper was working on road and. Litter is not accumulating from visit to visit - Litter is not a problem - no odors.

Monitoring well 38 has been removed, MW 4 removal is in process.

Leachate is Ok. both ponds are about 12" - 6" below the pipes

Progress being made on leachate breakouts - Progress is ~~impeded~~ hampered by wet conditions / weather

This form given to: Terry Luan.

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill, Angelica NY

DATE & TIME: 5/25/11 2:00-3:00 pm

WEATHER CONDITIONS: Sunny 70's

INSPECTOR'S NAME: John Muno

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Observations - Some weeping on north slope from previously noted leachate breakout. Very minor and contained in bermed sol. West slope is dry. Southwest slope leachate seeps still producing - leachate is ponded by berm of waste. Terry is knocking down the drill cuttings slope to reduce the ~~exposed material~~ slope and prepare face for a cover so runoff does not ~~need to be~~ infiltrate and generate leachate.

Both leachate ponds are high - about 9'. Trucks are using tire washer. Litter is good. Work being done to dig new cell 4. Clay being stockpiled and placed on South slope

This form given to: Joe Boyles

No offsite odors noted.

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
HYLAND LANDFILL	HERDMAN RD, ANGELICA, NY	02517	05/26/11	12:30

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
JOHN MUNN	S	TERRY LUNN, OP. MANAGER

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	STRONG SOUTH WINDS, PARTLY CLOUDY 70°	9-0232-00100013/00004-2

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 1	☒ Yes ☐ No	Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☐	☒	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). N/A
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☐	☒	☐	d. Bulk Liquids. 360-2.17(k). N/A
☐	☒	☐	e. Whole Tires. 36-0-2.17(v). N/A
☐	☒	☐	f. Lead Acid Batteries. 360-2.17(w). N/A
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☒	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☒	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☒	☐	c. Permit Application Records. 360-1.14(i)(3).
☐	☒	☐	d. Monitoring Records. 360-1.14(i)(4).
☒	☐	☐	e. Facility Operator Records. 360-1.14(u)(1).
☒	☐	☐	f. Fill Progression Log. 360-2.9(e).
☒	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2). N/A
☒	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☐	☒	☐	b. Asbestos Waste. 360-2.17(p)(3). N/A
☐	☒	☐	c. Tanks. 360-2.17(r). N/A
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☒	☐	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).
			MONITORING
☒	☐	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☒	☐	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c).
			OTHER
			On Continuation Sheet identify any other violations.

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

TERRY LUNN
Individual in Responsible Charge (Please print)

Terry Lunn
Signature

Date

Inspector's Signature

REGIONAL OFFICE COPY

47-15-1 (12/91)—28b

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE

6 NYCRR Part 360
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet

[For Use at Subpart 360-2, 360-4, 360-5, 360-7, 360-8, or 360-11 Facilities]

FACILITY NAME	LOCATION	FACILITY NO.	DATE	TIME
Hyland Landfill	Angelica, NY	02S17	052611	0230

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
John Munn	S	Terry Lunn, Operations Manager

REGION	SHEET	OF	CONTINUATION SHEET ATTACHED	WEATHER CONDITIONS	UNDER ORDER
9	2	2	☐ Yes ☒ No	70's, Sunny, South Winds, Partly Cloudy	☐ Yes ☒ No

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71.
Additional Violations May be Noted on Sheet One of this Inspection Report.

Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations.
[Uncorrected violations must be described in detail and located on a sketch].

Leachate seeps on North + West slopes need further work to stop small flows across surface.

Leachate ponding on South West corner of South slope - being reinfused into waste mass. - Work progressing on slope to meet 3:1 grade and cap w/ clay to minimize leachate production. Weather dependent activity - Approx. 1000 yd^3 of clay moved to slope for cover - ~~Most~~ placed, more to place. Terry Lunn estimates 2 weeks of dry days are needed to effect a solution. - Goal is to shed clean surface water rather than have it reinfuse. All leachate is being captured.

Odors noted on Peacock Hill Rd. - Due to power outage by gas plant. Flare is running. Odor not severe.

No violations noted. Problems noted need correction as soon as possible, weather permitting.

John Munn
Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Terry Lunn
Individual in Responsible Charge [Please print]

Terry Lunn
Signature

Date

REGIONAL OFFICE COPY

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 5/31/11 12:50 PM

WEATHER CONDITIONS: Sunny pt. cloudy, 80°s

INSPECTOR'S NAME: John Munn

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Power out Sunday 5/29 1/pm - Sat am 3AM - No flare / gas plant GCL + liner being delivered / stacked for Cell 4

North leachate seep is trickling - no overflow over berm from rain.

West leachate seep appears dry - no overflow on berm

North basin @ 12', South basin @ same apparent level. Leachate being hauled. 8 loads.

15" H_2O of Vacuum when power plant idles and does not produce

Spark ignition engines, landfill gas is chilled to 35-50 °F

CH_4 = 54%, O_2 @ 1%, CO_2 @ 44%

No OFFSITE ODORS.

ROADWAYS ARE CLEAN, WATER TRUCKS IN USE FOR DUST CONTROL

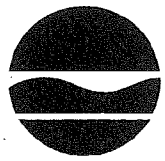
SITE IS OK FOR LITTER - NOT A PROBLEM.

SURFACE WATERS ARE CLEAN / NO LEACHATE OFF WASTE AREA

This form given to: Terry Lucas

MH / File
MH

New York State Department of Environmental Conservation
Division of Materials Management, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2915
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.ny.gov



Joe Martens
Commissioner

May 24, 2011

Mr. Joseph R. Boyles
Hyland Facility Associates
6653 Herdman Road
Angelica, New York 14709

Releasable 02S17
Non-Releasable

Dear Mr. Boyles:

Hyland Landfill
#02S17

On May 11 and 12, 2011 I was on site at Hyland Landfill to observe the decommissioning of several groundwater monitoring wells in advance of cell 4 construction. While I was on site I inspected the other groundwater monitoring wells and gas monitoring wells on site. The following observations were noted:

Landfill gas monitoring well GP-4 needs a lock.

Well MW-36 is in good condition, but there is a lot of plastic debris around the well which should be cleaned up.

Well MW-12 appears to be somewhat tilted. Although it is not used in the current monitoring program, it should be checked for internal integrity.

There is some erosion around the seal in the MW-33 well cluster, which Mr. Terry Lunn stated he would be repairing.

Please let me know when these minor issues have been addressed. Thank you.

Yours truly,

Mary E. McIntosh

Mary E. McIntosh, C.P.G.
Engineering Geologist II

MEM:dcg
mcm\boyles-may1.ltr

cc: Mr. Mark Hans, Regional Materials Management Engineer
Mr. John Munn, DEC Site Monitor
Mr. Terry Lunn, Hyland Landfill
Mr. Jonathan Brandes, On-Site Technical Services

MH/File
KH

Monitoring Report

Distribution: Mark Hans; P.E., Regional Materials Management Engineer (MH)
Joseph Boyles, Landfill Manager
Supervisor, Town of Angelica

Facility Name: Hyland Landfill

Facility Number: 02S17

FC
Releasable 02S17
Non-Releasable

Date: May 5, 2011

Reporting Period: April, 2011

Facility Monitor: John Munn (JM)

Observations

Hyland was visited April 4, 5, 7, 12, 13, 18, 21 and 28 by JM for routine monitoring visits. Compliance inspections were completed by MH on April 21 and by Kevin Hintz on April 28.

On March 31, we received a call from Joe Boyles that a dozer blade tore the landfill liner. The tear was on the outside edge of the anchor trench of Cell 3 and was not at a location that would compromise the integrity of the liner system and a repair was scheduled. On April 4, JM witnessed the repair along with Andrew Klettke (representing Hyland's engineering firm, McMahon and Mann Consulting Engineers). A sample weld was sent to a laboratory to verify the integrity of the welding process. A few days later I was informed that the test sample weld failed laboratory quality assurance testing. The Department agreed that in light of the tear's location, final repair may be delayed until the new Cell 4 liner is installed.

Leachate breakouts:
I first noted leachate breakouts as the weather was warming, April 5, on the north and west slopes. Terry Lunn, operation supervisor, instructed Hyland staff to correct the weeps immediately. On an April 7 re-inspection, a temporary berm and drain had been employed on the north slope breakout area to intercept and direct leachate back into the landfill. On this visit, I first saw a large breakout on the south slope which ran into control trenches and over berms intended to intercept, direct and drain the leachate until the leachate was finally intercepted at the toe of the slope and directed into the waste at the anchor trench. Terry Lunn was aware of the situation and whereas the breakouts were under control, no violations were noted. Aside from the breakouts on the north, east previously noted, and south slope breakout, no newly occurring breakouts were seen. These same seeps were noted on the April 21 inspections by MH and on April 28 by KH and JM. On April 28, the soil at the north and west breakouts was so disturbed from attempts to correct the problem that leachate was mixed with the surface clay soils at the anchor trench where it would be picked up by surface runoff and make its way into the storm water runoff. At this time, a violation was issued by KH on his inspection.

Litter:
Litter became exposed following the snow melt. Litter removal was continuous throughout the month and at no time was litter allowed to accumulate. However, windblown litter was significant on April 28, a day with steady winds and strong wind gusts over 50 mph. Blowing litter was made worse by inappropriate landfill operations for the wind conditions. Waste tipping was done high on the slope and waste was bulldozed (pushed) approximately 150-200' down slope where it was placed and compacted. The large open working surface area and high operations allowed winds to carry plastics and papers hundreds of yards until they were caught by fences or trees. This situation was brought to Mr. Lunn's attention and operations were adjusted to minimize windblown litter. Untarped loads were also a source of much windblown litter, and the need to untarp safely at the untarping station takes priority over litter management. In retrospect, operations could have shut down temporarily until high winds and gusts abated.

Despite problems with litter being generated, Hyland did a great job with litter pickup. As soon as the snows melted, crews were working on litter removal. Litter removal was systematic and thorough.

Road dust and road litter
ASR litter and roadway dust from mud tracked onto Herdman Rd and Peacock Hill Rd is a concern. Tire tracked fine clay washes into storm water and causes turbidity and the ASR becomes offsite litter. ASR, as well as other landfill material (notably ceramic tiles) was found along Peacock Hill Road. The landfill has made efforts to minimize the problem by regularly sweeping and water washing the roads, and assigning staff to pick up litter. Further, Hyland's truck tire wash and rumble strips help minimize tracking out of the landfill. In April, tire washing became operational as the temperatures warmed consistently above freezing.

The system can be improved. Currently, there are two tire washes in succession. The first wash automatically pulls trucks through the wash; the second system requires vehicles progress under their own power. The first wash is not currently operating unless it is manned by an operator because truck drivers who fail to disengage breaks and place their vehicles in neutral break the wash as it attempts to roll locked vehicles through. The second wash's mud removal is dependent on vehicle speed as trucks that drive slowly though are better washed than trucks that drive through more quickly. Further, rinsed mud collects at the exit of the wash and must be physically removed so it is not tracked by vehicles and it must not carry silt into surface runoff. Better management here will increase the efficacy of the tire wash system and be more protective of surface waters. Improved operations (mud removal, gravel replacement) were implemented within a few days.

Leachate management:
Parts have been received to repair the leachate level monitor/pump control systems but they have not yet been installed. The leachate impoundments were managed with sufficient freeboard.

Odors:
No offsite odors were noted from the landfill. Odors were noted from the sawmill located at the I-86 exit ramp and Peacock Hill Rd on April 12.

Areas of Concern

Presence (or absence) of offsite odors from the landfill will continue to be monitored. As the landfill expands and builds new cells, open trenches and disturbances into the waste mass will increase fugitive gas emissions. We will need to be concerned with downwind receptors as the likelihood of generating odors increases.

Mud tracking and its resulting road dust along Peacock Hill Rd will continue to be monitored.

Operational improvements will be suggested for the tire wash..

Leachate pond levels are kept in check, although greater freeboard would allow for unanticipated circumstances such as unusually large rainfall or inability to ship leachate to treatment plants.

The maintenance and upkeep of the leachate level monitors continues to be problematic.

Leachate breakouts are a problem that needs to be better addressed. One cause for the north and west slope breakouts was the burial of a gas collection line last fall that damaged the integrity of the clay cover. In addition, greater attention might need to be given to prevent ponding of surface water from precipitation and runoff.

Areas of Progress

Litter removal was constant and thorough.

Fill is being placed on the south face of Cell 3C.

Equipment is being staged for the construction of new cells.

DAILY INSPECTION REPORT

FACILITY: Hyland

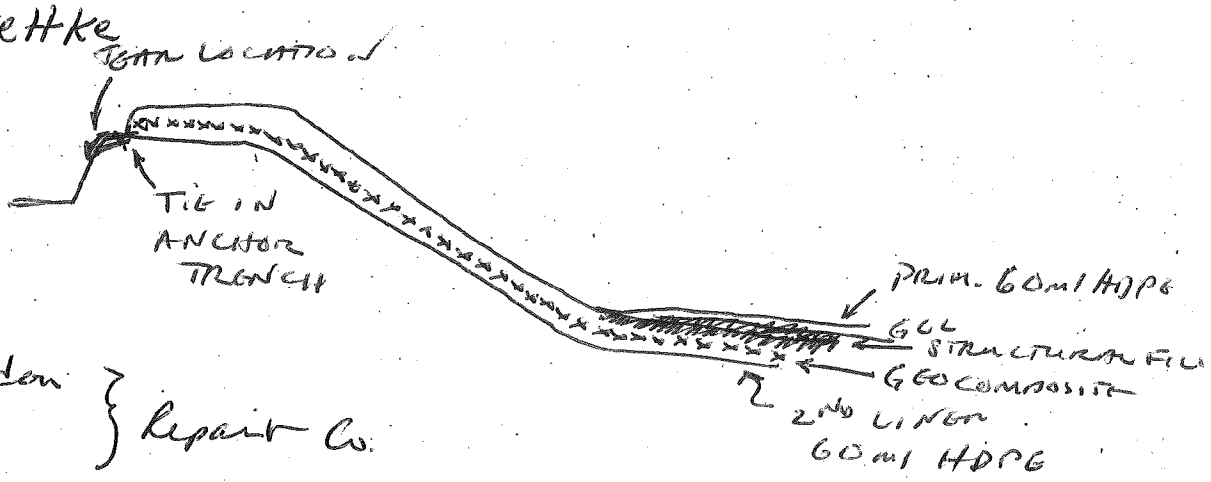
DATE & TIME: 4/4/14 10:00-12:00, 13° -35°

WEATHER CONDITIONS: Overcast, Rain, Lightning, 50s

INSPECTOR'S NAME: John Munn

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Andy Klehke



Brandon "B" } Repair Co.

This form given to: _____

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 4/5/11, 11[30] - 8[15]

WEATHER CONDITIONS: ~30°, Windy, Snow flurries light

INSPECTOR'S NAME: John Munn

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Repair to liner done 4/4 is covered over w/ protective plywood & fabric. Test sample was sent to lab 4/4 + passed tension/tear test. Will get report sent to us.

Walked site. Two leachate breakouts - ~70' East of flare on north slope and ~150' N of Cell 1 pump house on west slope. Terry put Chester on Job & was being taken care of immediately.

Litter being picked up on east slope - Site is free of snow - some messy areas - continually being worked on.

No Violations

This form given to: Terry Lunn

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 4/7/11

WEATHER CONDITIONS: Overcast, Snowcover, Mid 30's, Snow Melting

INSPECTOR'S NAME: John Munn

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Leachate was coming to surface on North Slope— spoke w/ Terry/Chester who informed me it was intercepted and diverted back into the cell. Terry & Chester showed me the problem and their solution. Not a problem as leachate is reinjected into the cell. Terry tells me this is a temporary solution until soil conditions dry out and soil can be worked.

No offsite odors noted. No other leachate breakouts.

Also note— some areas on Cell 1 North and West slopes need grading to shed water.

This form given to: Terry Lunn

HYLAND LANDFILL OFFSITE ODOR INSPECTION

DATE: 9/7/11

TIME: 11:30 AM

TEMP: ~35

WIND: NONE DISCERNABLE

ODOR LEVEL AND LOCATION: NOT LANDFILL ODOR OF SEWAGE AT INTERSECTION OF PEACOCK HILL + I-86, AND APPROX. 0.2 mi along Peacock Hill towards Landfill.

ODOR LEVEL: 1

NOTE: 0 = No odors, 1 = Light, 2 = Moderate, 3 = Strong

OBSERVER: JOHN MUNN

TITLE: Environmental ~~Engineer~~ CHEMIST I

DAILY INSPECTION REPORT

FACILITY: Hyland landfill

DATE & TIME: 4/12/11, 2-3:30 pm

WEATHER CONDITIONS: Overcast, Strong wind ¾ gusts, 50's, No Snow cover

INSPECTOR'S NAME: John Muny

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Blowing wind is creating a litter problem.

Gas collection lines are being burried on West slope @ NW corner.

Leachate ponds are low - North pond @ ~9 to 9½'; South @ 2-3' below enlet pipe bottom

Street sweeper was working entry roadway; truck wash was working

Odors from saw mill noted in Angelica @ intersections of I-86 + Peacock Hill & Gibson Hill + I-86 - NOT LANDFILL

This form given to: Terry Lunn

HYLAND LANDFILL OFFSITE ODOR INSPECTION

DATE: 4/12/11

TIME: 2:30 pm

TEMP: 50's

WIND: Strong/Gusts ENE - NE

ODOR LEVEL AND LOCATION:

On site only - no odors noted off site

Odors noted @ (inground) S leachate pond.

Odors due to shut down of gas collection for manifold hook up

ODOR LEVEL: 2 Temporary condition - will be corrected within an hour or two.

NOTE: 0 = No odors, 1 = Light, 2 = Moderate, 3 = Strong

OBSERVER: John Murray

TITLE: Environmental ~~Engineer~~ Chemist I

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 4/13/11, 1:50 pm - 2:30 pm

WEATHER CONDITIONS: Overcast, drizzle, ~50°F

INSPECTOR'S NAME: John Mann

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Litter pick up is being done - many bags collected. good job! Where cleaned - thoroughly done - elsewhere litter is not bad/not severe.

Leachate impoundments are down "look good." ~9'

Street sweeper was working, taking advantage of wet roads.

Tire wash was working & trucks were using it.

No odors noted off site. No odors noted on perimeter roads around footprint.

No violations.

Waste is being compacted/covered

This form given to: Terry Lacy

HYLAND LANDFILL OFFSITE ODOR INSPECTION

DATE: 4/13/11

TIME: 12:55 pm

TEMP: ~50°F

WIND: out of the east - light winds

ODOR LEVEL AND LOCATION:

No offsite odors noted.
I smelled diesel fuel on my way into landfill following a dump truck -

ODOR LEVEL: 0

NOTE: 0 = No odors, 1 = Light, 2 = Moderate, 3 = Strong

OBSERVER: John Mann

TITLE: Environmental Engineer I

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 4/18/11, 1:00 - 2:30 pm

WEATHER CONDITIONS: Overcast, Sporadic drizzle, ~50°F, light SW wind

INSPECTOR'S NAME: John Mung

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Toured w/ Terry Lunn, Inspected Peacock Hill Rd for Odors & Litter Prior To Entering Site.

Litter was being Picked Up Along Peacock Hill As I Walked Roadway. Slight Landfill Odor on Roadway -

At Site - Surface Water Drainage was Generally Clean & Free of Litter. Leachate Break-outs on N slope were under control, Some Side slope maintenance needed on N Slope - Seeding/grading.

This form given to: Terry Lunn

HYLAND LANDFILL OFFSITE ODOR INSPECTION

DATE: 4/18/11, 1ᵒᵒ pm

TIME: 1ᵒᵒ pm

TEMP: ~50°F

WIND: SE,

ODOR LEVEL AND LOCATION:

Some odor noted on Peacock Hill Rd. between Herdman & Pink House

ODOR LEVEL: 1

NOTE: 0 = No odors, 1 = Light, 2 = Moderate, 3 = Strong

OBSERVER: John Munn

TITLE: ~~Environmental Engineer I~~ Chemist

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 4/21/11 10:45 - 3:30 pm

WEATHER CONDITIONS: Overcast, ~35°F, Snowing - Clearing, NW wind

INSPECTOR'S NAME: John Mann

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Small leachate breakouts on North, west and South side slopes - Same as noted 4/7. Breakouts are under control.

Litter was being collected - site was well cared for, some litter in surface runoff ditches.

Leachate ponds maintained - both @ 9½'

No odors noted off site.

No Violations noted.

This form given to: Joe Bayles

HYLAND LANDFILL OFFSITE ODOR INSPECTION

DATE: 4/21/11

TIME: 10:45 Am

TEMP: ~35°

WIND: light north / northwest

ODOR LEVEL AND LOCATION:

Peacock Hill - no odors noted

Herdman Rd - no odors noted

ODOR LEVEL: 0

NOTE: 0 = No odors, 1 = Light, 2 = Moderate, 3 = Strong

OBSERVER: John Munn

TITLE: Environmental ~~Engineer~~ Chemist I

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
HYLAND LANDFILL	HERDMAN ROAD ANGELICA, ALLEGANY CO.	0 2 5 1 7	0 4 2 1 1 1	1 3 4 5

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
MARK HANS	S	TERRY LUNN

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	40°F OVERCAST	9-0 2 3 2-0 0 0 3 P 0 0 9 2-1

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 1	☐ Yes ☒ No	Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☒	☐	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m).
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☒	☐	☐	d. Bulk Liquids. 360-2.17(k).
☒	☐	☐	e. Whole Tires. 36-0-2.17(v).
☒	☐	☐	f. Lead Acid Batteries. 360-2.17(w).
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☐	☒	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☐	☒	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☒	☐	c. Permit Application Records. 360-1.14(i)(3).
☐	☒	☐	d. Monitoring Records. 360-1.14(i)(4).
☐	☒	☐	e. Facility Operator Records. 360-1.14(u)(1).
☐	☒	☐	f. Fill Progression Log. 360-2.9(e).
☐	☒	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2).
☐	☒	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☒	☐	☐	b. Asbestos Waste. 360-2.17(p)(3).
☒	☐	☐	c. Tanks. 360-2.17(r).
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).
			MONITORING
☐	☒	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☒	☐	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c).
			OTHER
			On Continuation Sheet identify any other violations.

3 LEACHATE SEEPS - ALL CONTROLLED IN THE LANDFILL
1 ON NORTH
1 ON SOUTH
1 ON WEST

WINDBLOWN LITTER AFTER SNOW MELT IS BEING PICKED UP

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Mark A Hans
Inspector's Signature

Individual in Responsible Charge (Please print)
Terry Lunn
Signature) Date

REGIONAL OFFICE COPY

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
Hyland Facility	Heedmon Rd. Angelica(T)	025170428	11	1300

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
Kevin Hintz	5	Terry Lunn, Ld. Supervisor

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	Windy, Partly Cloudy, 60's	9-0232-00003/00002-

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 2	☒ Yes ☐ No	Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

● PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
●	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☐	●	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). NOT ACCEPTED
●	☐	☐	b. Control Program. 360-1.14(e)(1).
●	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☐	●	☐	d. Bulk Liquids. 360-2.17(k).
☐	●	☐	e. Whole Tires. 36-0-2.17(v). > NOT ACCEPTED
☐	●	☐	f. Lead Acid Batteries. 360-2.17(w).
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
●	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
●	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☐	●	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☐	●	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	●	☐	c. Permit Application Records. 360-1.14(i)(3).
☐	●	☐	d. Monitoring Records. 360-1.14(i)(4).
☐	●	☐	e. Facility Operator Records. 360-1.14(u)(1).
☐	●	☐	f. Fill Progression Log. 360-2.9(e).
☐	●	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	●	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2).
☐	●	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
●	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j). Very windy. Lots of wind blown waste.
●	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
●	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
●	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).
			WATER
●	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☐	☐	●	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
●	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural cover or other suitable means. 360-1.14(d). Gate/Fence.
●	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s). Road to SE basin has been eroded. (BASIN #3)
			WASTE HANDLING
●	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
●	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
●	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☐	●	☐	b. Asbestos Waste. 360-2.17(p)(3). NOT ACCEPTED
●	☐	☐	c. Tanks. 360-2.17(r).
			COVER
●	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
●	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	●	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e). NO FINAL COVER SYSTEM IN PLACE.
			MONITORING
☐	●	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☐	●	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c). > NOT INSPECTED
			OTHER
			On Continuation Sheet identify any other violations.

- Numerous breakout & ponding locations on south, west & north slopes. Despite catchment trenches/holes, leachate still leaving site on west & north sides of landfill (1 location on west & north)
- Need to pave exit from truck wash to scales as existing travels are picking up mud/dirt.

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Individual in Responsible Charge (Please print)

Inspector's Signature

Signature Date

REGIONAL OFFICE COPY

47-15-1 (12/91)—28b

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE

6 NYCRR Part 360
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet

[For Use at Subpart 360-2, 360-4, 360-5, 360-7, 360-8, or 360-11 Facilities]

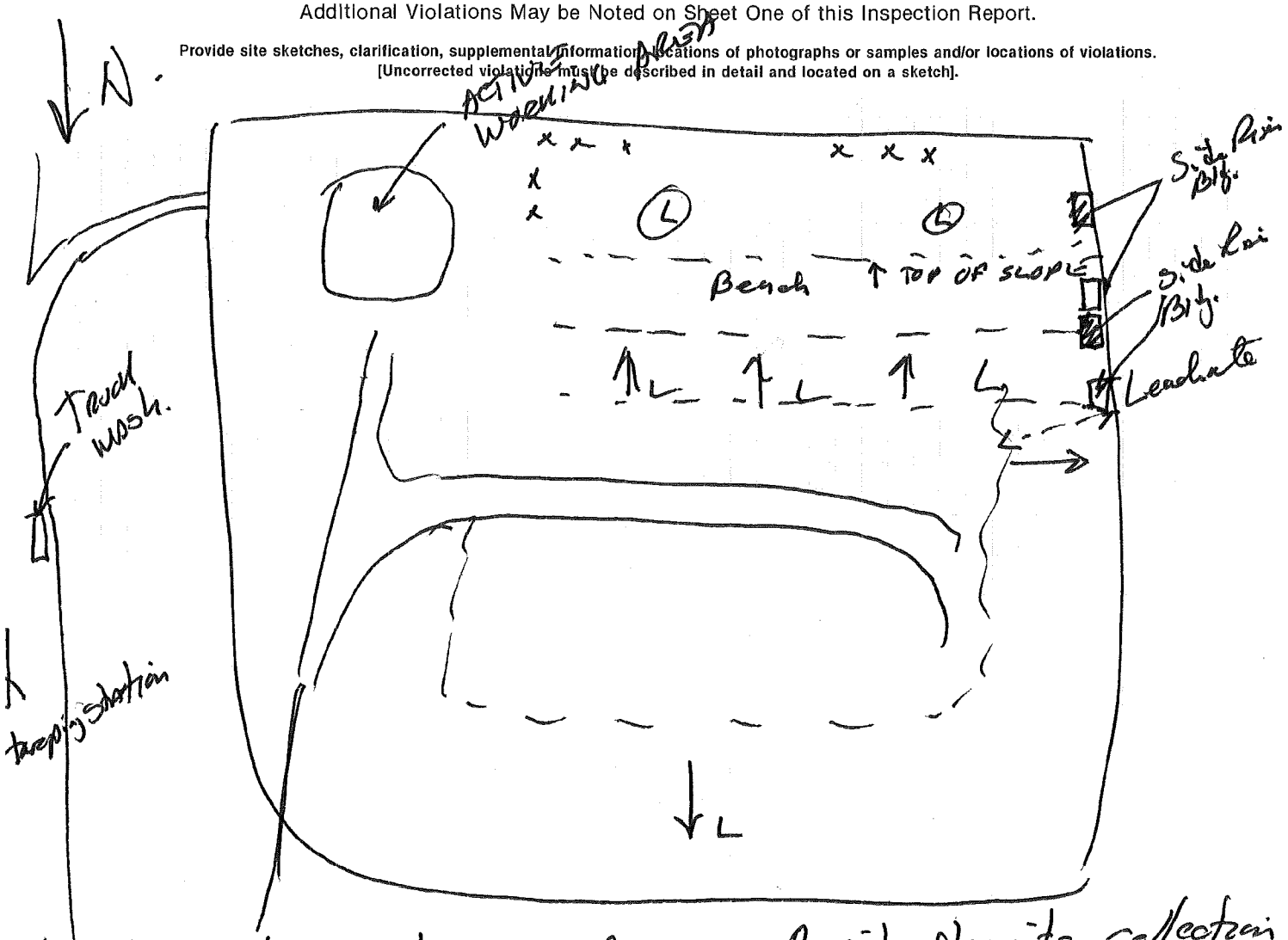
FACILITY NAME	LOCATION		FACILITY NO.	DATE	TIME
Ayland Facility	Heedman Rd.	Angelica (T)	02S117	04/20/11	1300

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES

REGION	SHEET OF	CONTINUATION SHEET ATTACHED	WEATHER CONDITIONS	UNDER ORDER
		☐ Yes ☐ No		☐ Yes ☐ No

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71.
Additional Violations May be Noted on Sheet One of this Inspection Report.

Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations. [Uncorrected violations must be described in detail and located on a sketch].



- Leachate leaving site on west & south side despite collection trenches.
- Numerous Leachate breaks & ponding on South Slope/ bench
- due to windy conditions, gusting to 54mph, lots of windblown waste.
- 2nd day leachate level at 20.3 for Cell 3. No high level light on.
- Leachate basins are high. Need to continue to remove leachate

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Inspector's Signature | Individual in Responsible Charge [Please print]

Signature | Date

REGIONAL OFFICE COPY

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 4/28/11, 10:30 AM / 1:00 PM

WEATHER CONDITIONS: WINDY, PARTLY CLOUDY. GUSTS > 50MPH, SOUTHWEST WIND - AVG ~ 30MPH

INSPECTOR'S NAME: JOHN MUNN, KEVIN HUNTZ

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

1. WINDBLOWN PAPERS / PLASTICS ALONG NE SIDE. WIND SCREEN NOT EFFECTIVE. WORKING FACE TOO LARGE / INAPPROPRIATE FOR OPERATING CONDITIONS - WASTE DUMPED HIGH THEN PUSHED ~ 200' DOWN SLOPE + SPREAD / COMPACTED. LARGE WORKING FACE CONTRIBUTING TO BLOWING PLASTICS + PAPERS, DUSTS. TERRY LUNN TOLD OF PROBLEM + CORRECTED. CONTINGENCY PLAN REVIEWED - LANGUAGE WAS VAGUE. PERMIT WAS SPECIFIC BUT NOT APPLICABLE TO THE SITUATION. SITUATION WAS SERIOUS - PAPERS + PLASTICS WERE BLOWING HUNDREDS OF YARDS

2. LEACHATE BREAKOUTS ON NORTH + WEST SLOPES ARE NOT BEING INTERCEPTED BY A TRENCH & REDIRECTED INTO THE LANDFILL. LEACHATE IS BLENDING INTO DISTURBED CLAY AND SURFACE WATER ON THE SIDE SLOPE

This form given to: TERRY LUNN

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill, Page 2 of 2

DATE & TIME: 4/28/11 10^30 Am - 1^00 pm

WEATHER CONDITIONS: _____

INSPECTOR'S NAME: _____

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

(3) Tire wash is ineffective for clay/dust control because vehicles pass through ~~accumulatively~~ mud as they exit the wash. While the wash may address the tracked waste, it fails to solve the problem of tracked clay, and combined with the unpaved driving surfaces it may also be contributing to roadway dust by from the ~~water~~ mud it generates

(4) Leachate Groundwater Monitoras Need Maintenance

This form given to: Terry Lunn

MH/File
MDA

KH PCH

Monitoring Report

Distribution: Mark Hans, P.E., Regional Materials Management Engineer
Joseph Boyles, Landfill Manager
Supervisor, Town of Angelica

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: April 1, 2011

Reporting Period: March, 2011

Facility Monitor: John Munn JM

Observations

Hyland was visited March 2, 8, 15, 24, 28 and 29 by JM. A monthly inspection was completed on March 24.

An off-site search for landfill odors is made with each visit by touring circumferential roadways, particularly Peacock Hill Rd and Gibson Hill Rd. A slight landfill odor was noted on March 2 at approximately 6:30 AM on Peacock Hill Road adjacent to Hyland's radio tower due east of the landfill. No off-site landfill odors were noted at any other time. On March 24, odors were noticed on Peacock Hill Rd adjacent to Hyland's abandoned pink house. The odor smelled almost like landfill gas but there was a definite additional odor of terpenes. I suspected the odor originated from the sawmill at the bottom of the hill. Wind direction and a subsequent drive-by of the lumber mill confirmed my assessment.

Complaints in February cited odors along Gibson Hill Rd. I failed to find any odors along this road. A decomposing deer carcass on the shoulder may have been the cause for these complaints.

Melting snows exposed accumulated litter. On March 15, Hyland had crews working on litter pickup and much progress was made although subsequent snow accumulation delayed further litter removal efforts.

Roadway dust and mud tracked onto Herdman Rd (on the landfill property) and Peacock Hill Rd is a problem. Trucks traveling on Peacock Hill Rd are raising road dust from clay tracked out of the landfill. This needs to be water swept as soon as the weather permits. Currently, freezing temperatures prevent the tire wash from being operational, though it was operational for one day in March.

Both leachate level monitor/pump control systems continue to have problems. Cell 2's system employs polyethylene diaphragms which split, most likely due to their inflexibility at cold temperatures, and Cell 3's bubbler system's flow control valves need constant adjustment to maintain consistent air flow. The systems are not robust in the unconditioned environment.

On March 30, a bulldozer tore the landfill liner. A repair is scheduled April 4.

Areas of Concern

The absence of landfill odors along Peacock Hill Road and Gibson Hill Road (CR 20) will continue to be monitored. No significant offsite odors were noted in March.

As the landfill expands and builds new cells, open trenches and disturbances into the waste mass will increase fugitive gas emissions. We will need to be concerned with downwind receptors as the likelihood of generating odors increases.

Mud tracking and its resulting road dust along Peacock Hill Rd are becoming a problem. The tire wash should be operational in the coming month and should minimize the problem. Street sweeping alone, especially without a water spray, may not be sufficient to remove the fine clay that has collected on the road surfaces. However, water wash run-off may cause contravention of storm water turbidity standards.

Leachate pond levels are kept in check, although greater freeboard would allow for unanticipated circumstances such as unusually large rainfall or inability to ship leachate to treatment plants.

The maintenance and upkeep of the leachate level monitors continues to be problematic.

Areas of Progress

As snow cover exposes litter, it is being quickly picked up.

Fill is being placed on the south face of Cell 3C.

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill, Angelica NY

DATE & TIME: 3/2/11 @ 6^25 am → 10:10 Am

WEATHER CONDITIONS: Mid 30's - light flurries, overcast, some cloud break, westerly wind - steady

INSPECTOR'S NAME: John Munn

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Arrived @ I-86 + Gibson Hill Rd @ 6^25 Am

Drove Gibson Hill to Angelica, through Angelica to Peacock Hill. Slight landfill odors noted on Peacock Hill at cell tower, but not strong. Drove into Angelica and along County Rt 2 to see if odors traveled. Did not notice odors any other locations

Toured landfill w/ Terry Lunn - Landfill is under control - some litter in trees but it was scheduled to be picked today. About 10 trucks lined up @ start of day (~7^00 Am). Garbage @ working face is being covered. No protruding waste seen. Good cover. Roadways are good/maintained.

This form given to: Terry Lunn

Surface water ponds are free of litter & run off is flowing as intended. All looks good.

— STEP down

↓

½ to detn → Terry Thomas given notice

↓

½ to get Flame up

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill - Angelica

DATE & TIME: 3/8/11 1:30 pm - 2 pm

WEATHER CONDITIONS: Sunny, ~30°F, Snow Cover

INSPECTOR'S NAME: John Munn

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Strong landfill gas odor by flare & along north perimeter road & all along western roadway.

Both leachate ponds @ ~12' - leachate is being hauled.

Methane @ 11.1 (Bay 1 - north), 10.8 (Bay 2 - south pond)

Flare run @ 880 CFM Temp @ 1842 - System shut down by Rock Gas + Electric - System back on line + odors diminished.

No litter problems.

Met w/ Joe Boyles, Terri Luna,

Met Larry Skilling, Reg. VP (From Alfred) for Casella

This form given to: Terry Luna

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 3/15/11, 12-1:00 pm

WEATHER CONDITIONS: 30's-40's, bright hazy sky

INSPECTOR'S NAME: John Mann

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Snow melting - mostly gone - emerging litter in storm water channels /drainage ditches, especially on north + westsides of site. Litter pickup is underway w/ 30+ bags lined up for pickup. Some odors along west + north side slopes. Storm water/surface water on south/ Southwest are clear of litter. Some protruding waste on southern slope, and waste exposed from gas line installation needs to be covered when slope is stable/ safe to work on. Litter in woods beyond northern fence line. Waste covered @ working face looks good.

Roadway into landfill has some ASR / dirt accumulation.

This form given to: Terry Lunn

Deer carcass 6595 Gibson Hill Rd

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 3/24/11 11:00 AM

WEATHER CONDITIONS: Mostly Cloudy, ~8" Snow Cover, 20's

INSPECTOR'S NAME: John Mund

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Approached on Peacock Hill from I-86. Noticed odors by Pine House and further South. Got out of car - Wind direction from North. Odors smelled like landfill gas but also like rotting saw dust - probably from saw mill. To confirm on exit. (Wind dir per Hyland's station - NNE)

- Chip Tire Temp Log Checked - Complete through 8/31 - Year not on paper log.
- Daily Log check Feb 1 to March 23. Of significance - litter pick up effort, & tire wash operational (3/22) 3' gravel placed to reduce tracking, street sweeping started ~~during periods~~. 3/16, Cell 3C 4th lift started tire wash started up 3/22 (weather permitting)
- Daily Leachate - Feb - complete/ok, March - thru 3/23 - ok
  Weekly Leachate - Feb - complete/ok, March - thru 3/18 - ok
  Weekly Self Inspection - Feb - complete/ok, March - thru 3/18 - ok
  Weekly Random Waste Inspection - Feb - complete/ok, March - thru 3/18 - ok
  Daily Leachate Tracking - ~~present for~~ (each day) Feb - complete/ok, March - thru 3/24
  Waste Refusal - Feb complete/ok

Cell 1+2 - Pressure 1.8 psi, flows transducer monitors need replacement.
Cell 3 - Primary 9.8, SC constant 19.0 - Questionable readings

Leachate Ponds - Pond 1 (North) 11.1', Pond 2 (South) 9.6'
(~18" under pipe bottom) (~18" under pipe bottom)

Site looks good. No evidence of blown litter - 8" of snow cover masks litter, but there's none in the snow.

This form given to: Terry Lunn

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT

(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
HYLAND LANDFILL	ANGELICA NY	02S17	032411	1100
INSPECTOR'S NAME: JOHN MUNN	CODE	PERSONS INTERVIEWED AND TITLES: TERRY LUNN, OPERATIONS MANAGER		
REGION: 9	WEATHER CONDITIONS: MOSTLY CLOUDY, 20s, BRIGHT SKY, NNE WIND	DEC PERMIT NUMBER: 9-0232-00003/00012		
SHEET ___ OF ___	CONTINUATION SHEET ATTACHED ☐ Yes ☐ No	PART(S) 360- ______ Attached		

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☐	☒	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). N/A
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☒	☐	☐	d. Bulk Liquids. 360-2.17(k). N/A
☒	☐	☐	e. Whole Tires. 36-0-2.17(v). N/A
☒	☐	☐	f. Lead Acid Batteries. 360-2.17(w). N/A
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☒	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☒	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☒	☐	☐	c. Permit Application Records. 360-1.14(i)(3).
☒	☐	☐	d. Monitoring Records. 360-1.14(i)(4).
☒	☐	☐	e. Facility Operator Records. 360-1.14(u)(1).
☒	☐	☐	f. Fill Progression Log. 360-2.9(e).
☒	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2).
☒	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☐	☒	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☐	☒	☐	b. Asbestos Waste. 360-2.17(p)(3).
☐	☒	☐	c. Tanks. 360-2.17(r).
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).
			MONITORING
☐	☒	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☒	☐	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c).

OTHER
On Continuation Sheet identify any other violations.

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

TERRY LUNN
Individual in Responsible Charge (Please print)

[signature]
Signature Date

[signature]
Inspector's Signature

REGIONAL OFFICE COPY

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 3/28/11, 2pm

WEATHER CONDITIONS: Sunny, 20's, snow cover, dry roads

INSPECTOR'S NAME: John Musa

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Drove by Hyland to monitor for odors via Peacock Hill from CR 20 - None noted.

While driving up Peacock Hill I followed a semi trailer that was picking up significant road dust - was about 100' behind and the truck was almost obscured by road dust, up Peacock Hill and onto Herdman Rd.

Entered landfill + spoke w/ Terry & Joe Bayles. Water not feasible at this time due to road icing concerns.

This form given to: _____

DAILY INSPECTION REPORT

FACILITY: Hyland Landfill

DATE & TIME: 3/29/11 11:30 - 1 30

WEATHER CONDITIONS: Sunny, Blue sky 20's, Southwest wind

INSPECTOR'S NAME: John Muna

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Filling So. Interior Cell 3C

North pond ≈ 1' from bottom of pipe. South pond ≈ 2' from bottom of pipe.

SPEDES Permit Sign #4 is erect.

Litter is under control. Daily cover looks good - No exposed waste seen. Flare was running earlier at request of gas plant. No odors noted. Gas plant was operating when I arrived.

Heavy stormwater runoff diverted around stone weirs in channel to retention pond on SE corner. Terry is aware and has stone on hand to repair & regrade the drainage channel.

No odors noted on site. Travels took me along north road to south west pond and along east road to south stormwater pond, to ADC staging area above working face. No odors noted. No Violations

This form given to: Terry Linn

MH/File
MH

KH

Monitoring Report

Distribution: Mark Hans; P.E., Regional Materials Management Engineer
Joseph Boyles, Landfill Manager

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: March 11, 2011

Reporting Period: February, 2011

Facility Monitor: John Munn (JM) JM

Observations

The landfill site was visited February 9, 15, 16, 18 by JM and on February 28 by JM and Kevin Hintz (KH). The monthly inspection report was completed on February 16.

February 9: I drove up Peacock Hill and Lilly Roads and found no odors. Odors were noted at the office, and at an unconnected gas well at the working face. Waste was packed tightly and covered. A valve in the riser building had a slow drip attributed to a leaking gasket. A new 370' leachate/gas line (#15) was to be installed the next week. Line #16 had been installed covered the previous week. There were no areas of concern.

February 15: Due to illness, I made only a windshield inspection. I spoke with Hyland's Terry Lunn who told me no action was taken on installation of leachate/gas line #15 due to snow melt and high winds. Litter was under control at the working face and waste was compacted and covered as required.

Odor complaints were received February 10 so I made a point of traveling slowly through Angelica and along County Rt. 20 (Gibson Hill Rd, a.k.a. CR20). Only wood smoke was detected.

February 16: Revisit for monthly inspection. Melting snow was exposed litter that needed to be picked up. The leachate/gas line #15 trench had been dug and pipe was laid in the trench. Leachate ponds were complaint. Other than emerging litter, no problems noted. A slight odor was noted at the intersection of the site entrance with Peacock Hill Road.

February 18: An odor complaint was received February 17. I suspected the open trench may have been the source. I drove through Angelica in search of odors and made inquiries with four individuals who work in the village. Only the village police officer made mention of any odors, noting occasional odors along CR 20. I did not smell any odors outside the landfill. At the landfill, Joe Boyles provided me a summary of his wind data which confirmed my own

observations that the wind was strong and gusting out of the south-southwest. The wind data showed wind direction was the same on February 17, the day of the odor complaint. Coincidently, Terry Lunn indicated that he had driven on CR 20 the evening of February 17 and smelled strong landfill odors. The wind direction suggested odors originated at the Allegany County Landfill. Terry said work on Hyland's leachate/gas line #15 had been completed and the open trench backfilled by mid morning on February 17. Based on these observations, it was my opinion at the time that the odors noted by the complaint were not caused by the Hyland landfill.

February 28: Warm temperatures and rain had melted snow cover, causing runoff and exposing litter. Leachate ponds were high but still had capacity. Cell 2 primary pump was inoperative due to a switch failure; the switch was being replaced.

Areas of Concern

Three complaints cited odors along Peacock Hill Road and Gibson Hill Road (CR 20) on February 10, 17 and 18. One complaint was specific with a location and time, citing Gibson Hill Road on the evening of February 17. Site visits were made to Angelica and the surrounding area roads on February 9, 10, 15, 16, 18 and 28. With the exception of a slight odor on Peacock Hill Road at the entrance to the landfill, I noted no landfill related odors outside the landfill property.

On February 17, the strong south, southwest wind direction strongly suggests the Allegany County Landfill may be the source of odors along Gibson Hill Road. The Hyland Landfill is the likely source of odors along Peacock Hill Road. However, subsequent topographic study suggests a south facing valley on the Hyland property may channel landfill odors towards Gibson Hill Road despite prevailing winds. Therefore, at this time, I have no definitive conclusion as to a source of Gibson Hill odors.

Recognizing that open trenches, inadequate cover and fugitive emissions from the gas collection system all contribute to odors and complaints, monitoring will need to focus on these aspects in particular to minimize complaints.

Areas of Progress

Bubbler failures and icing problems noted in January have been addressed and the measurement system is now operational.

Horizontal leachate/gas recovery wells 15 & 16 have been installed.

As snow cover exposes litter, it is being picked up.

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
HYLAND LANDFILL	ANGELICA	02517	02/16/11	1030

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
JOHN MUNN	S	JOE BOYLES, GM

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	Heavy Cloud Cover 20's	9-0232-00003/00002-

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 1	☐ Yes ☒ No	_____ Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☐ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☑	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☑	☐	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). NOT ACCEPTED
☑	☐	☐	b. Control Program. 360-1.14(e)(1).
☑	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☐	☑	☐	d. Bulk Liquids. 360-2.17(k).
☐	☑	☐	e. Whole Tires. 36-0-2.17(v). > NOT ACCEPTED
☐	☑	☐	f. Lead Acid Batteries. 360-2.17(w).
☑	☐	☐	3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☑	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☑	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☑	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1).
☑	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☑	☐	☐	c. Permit Application Records. 360-1.14(i)(3).
☑	☐	☐	d. Monitoring Records. 360-1.14(i)(4).
☑	☐	☐	e. Facility Operator Records. 360-1.14(u)(1).
☑	☐	☐	f. Fill Progression Log. 360-2.9(e). Refer to Red Book
☑	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
☐	☑	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2). N/A
☑	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).
			OPERATION CONTROL
☑	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
☐	☑	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k). NA - SNOW COVER
☑	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☑	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).
			WATER
☑	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☑	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
☑	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☑	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☑	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☑	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☑	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☐	☑	☐	b. Asbestos Waste. 360-2.17(p)(3). NOT ACCEPTED
☑	☐	☐	c. Tanks. 360-2.17(r).
			COVER
☑	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
☑	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	☑	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e). N/A NO FINAL COVER
			MONITORING
☐	☑	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☑	☐	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c).
			OTHER
			On Continuation Sheet identify any other violations.

SNOW MELT IS EXPOSING LITTER THAT WILL NEED TO BE PICKED UP WHEN CONDITIONS PERMIT

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

TERRY LUNN
Individual in Responsible Charge (Please print)

Terry Lunn 2-16-11
Signature Date

John Munn
Inspector's Signature

REGIONAL OFFICE COPY

Mark - FYI

DAILY INSPECTION REPORT

Facility	HYLAND LANDFILL, ANGELICA
Date & Time	2/18/2011
Weather Conditions	Sunny, 50's, overcast sky, strong SSW wind gusts
Inspector	JOHN MUNN

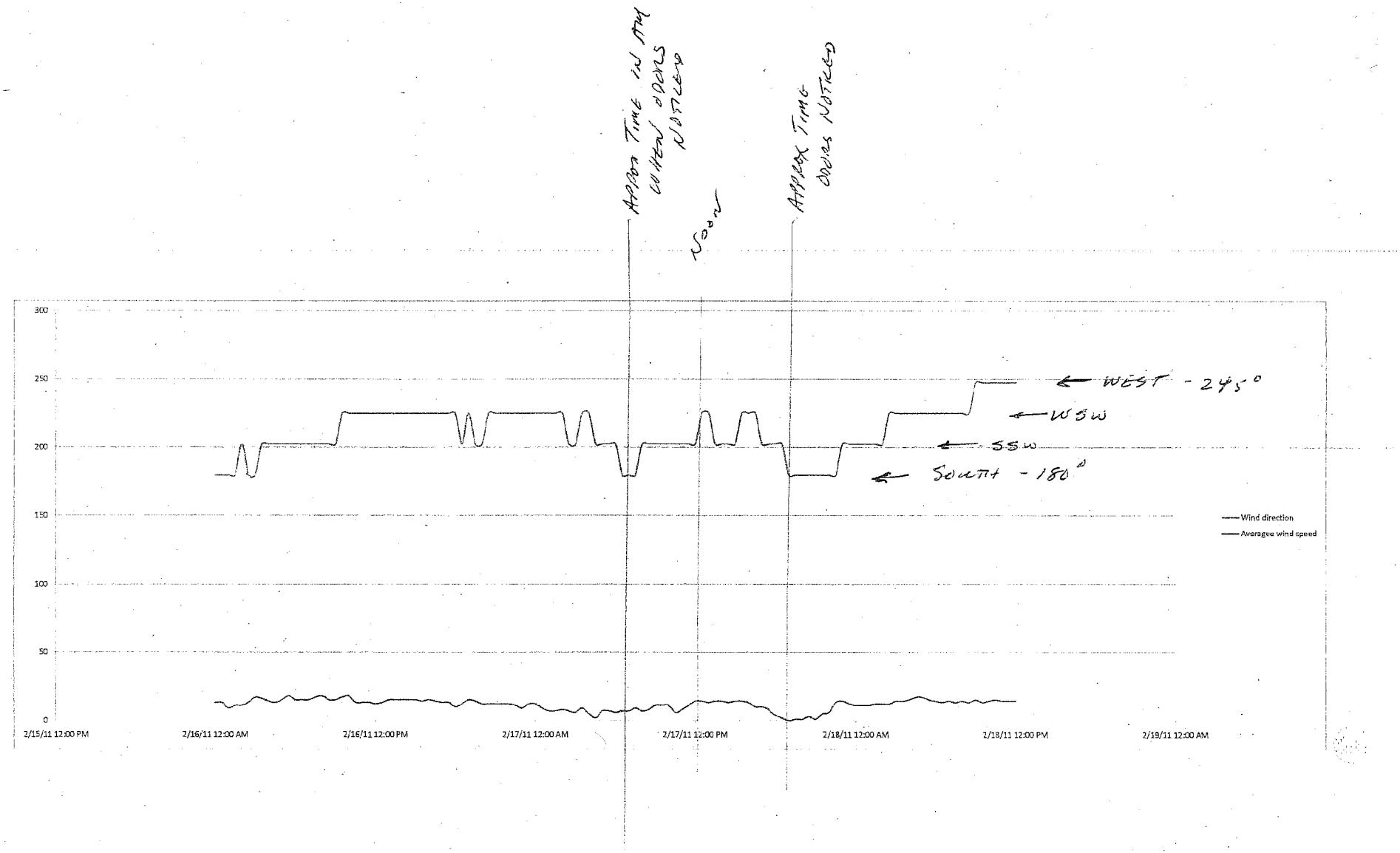
VIOLATIONS?AREAS OF CONCERN/OBSERVATIONS

Observations: I'm here on an odor complaint ~~[illegible]~~ from complaintant's observations 2/17 at approx 7 Am + 5pm (to/from work). I stopped in Angelica and spoke w/ 4 individuals regarding their observations. One told me he smelled odors on CR 20 (Gibson Hill) occasionally. Went to landfill ≈ 12:00 pm + spoke w/ Joe Boyler re why I was here. Joe downloaded wind data for me - confirmed direction was from SSW. - and showed 2/17 wind was from SSW all day.

~~Areas of Concern~~: Terry Lunn came in and mentioned he was traveling along CR 20 last night with his wife and also smelled odors on Gibson Hill - confirmed complaintant's observations. Based on wind direction, odors would not be from Hyland. In addition, the landfill gas collection line was capped and backfilled by 10 AM on 2/17, eliminating a possible

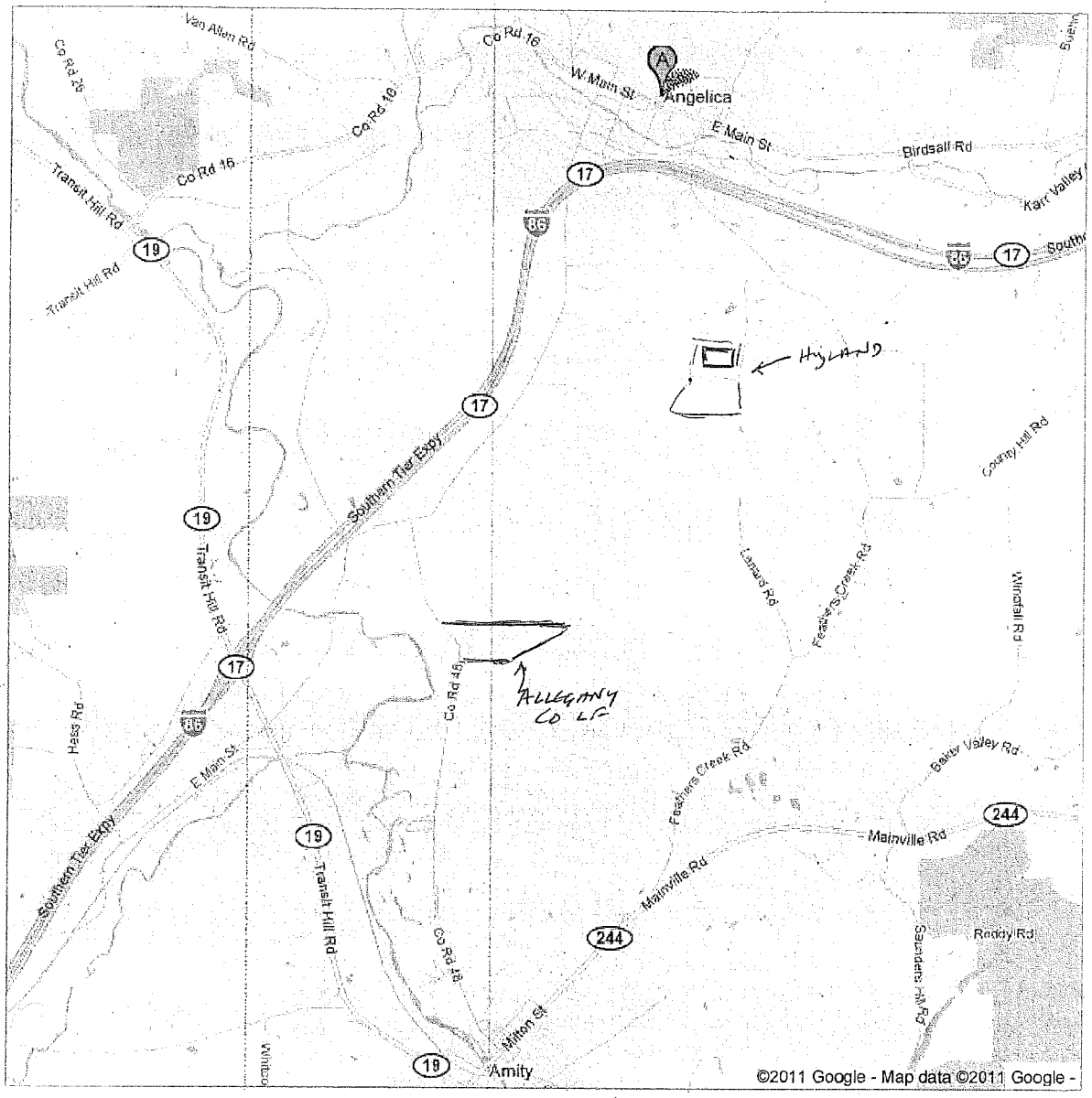
Areas of Progress odor source. Based on these observations and statements, it is my opinion that Hyland was not the source of the ~~complaintant~~'s odors. I suspect the Allegany Landfill may be the source, based on statements of odor location, wind direction and lack of odor/gas

This form given to: mitigation @ the County landfill



Hyland Wind direction/speed 2/16 - 2/18/2011

Google maps Address Angelica, NY



MH/File
MJH

Monitoring Report

KH

Distribution: Mark Hans; P.E., Regional Materials Management Engineer
Joseph Boyles, Landfill Manager

Facility Name: Hyland Landfill

Facility Number: 02S17

OIL
Releasable 02S17
Non-Releasable

Date: February 7, 2011

Reporting Period: January, 2011

Facility Monitor: John Munn JM

Observations

The landfill site was visited January 6 by Kevin Hintz (KH), and on January 20 and 27 by KH and John Munn (JM). An inspection report was completed on January 27.

No violations or problems are reported from the January 6 visit. The energy recovery facility was visited and KH reports the facility is in great shape. KH notes there were no problems, no spills and that all is running smoothly.

On the January 20 visit, KH and JM noted the bubbler pressure transducers in the leachate collection lines failed due to the air lines freezing up from the extreme cold temperatures (~ -10° F). Cell 1&2 leachate warning indicator lights were on, indicating monitoring system failures. Hyland was working to correct the problems. A valve in the leachate collection system's side riser building was leaking with a small drip which was contained in the collection pit. KH observed waste was tracked out of the landfill and noted it needed to be cleaned up.

A facility inspection was performed on January 27. No violations were noted, however, issues to address include:

The leachate collection bubbler system's pressure transducer was still inoperative.
The south leachate surface impoundment was filled to capacity
The valve in the side riser building was still dripping.
There were odors to the east of active fill area.
There was inadequate cover with spots of protruding waste.
There was windblown waste along the east boundary.
Meters and valves need to be relabeled.
Daily record keeping needs improvement.
A stick meter is needed in the south leachate collection pond.
A gas collection line was being installed and the recently deposited waste was exposed.

Areas of Concern

An odor complaint was received via phone on January 20 and two odor complaints were received by e-mail Monday, January 31. JM followed up on Tuesday (February 1) with a site visit and found no odors off site, and minimal odors on-site. Odor complaints will require further attention.

During the site visit on Thursday, January 27, a gas collection trench was opened to lay new pipe. To close the trench, the new line's installation requires gravel be placed, leveled and surveyed with engineering staff on hand. The line would then be laid and welded, and the trench then backfilled. A snow storm was expected over the weekend and unless the work would be completed immediately, the trench would likely remain open and fill with snow. When the site was visited the following Tuesday, February 1, little progress had been made on the leachate/gas line's installation, and the trench was still open. Greater consideration should be given to the construction schedule to minimize the time waste is uncovered.

Daily cover needs improvement. This may help to mitigate off-site odor complaints and should minimize on-site odors.

Hyland needs to place greater emphasis on maintenance of their leachate and gas collection system, as evidenced by the need to improve labeling of valves and meters, dripping valves, transducer system failure and the high leachate levels in the impoundments.

Areas of Progress

Nothing to report.

47-15-1 (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
Continuation Sheet

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
Hyland LFGTE	Akeland Rd. Angelica (T)	02F01	01/06/11	1400

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
Kevin Hintz		Toby Witzigman -

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	Hazy, 23°F Light snow	

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 1	☐ Yes ☐ No	_____ Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts.
Additional Violations May Be Noted on Sheet One of this Inspection Report.
Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations.
(Uncorrected violations must be described in detail and located on a sketch).

- 92-93%.
- 106 Megawatts per day
- All engines have had cleaned, every 10,000 hrs.
- 50 in of heat, before 90 in of heat
- Since drill cuttings, have scaled up / landfill really well.
- No information on additional heat exchange in stacks
- Another engine does need rebuilt.
- everyone running smoothly
- 53% methane, 1% oxygen
- no problems, no spills

Facility in great shape!

Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

Toby Witzigman
Individual in Responsible Charge (Please print)

Signature Date

REGIONAL OFFICE COPY

DAILY INSPECTION REPORT

FACILITY: Hyland

DATE & TIME: 1/20/11 11:40

WEATHER CONDITIONS: Light snow, partial sun

INSPECTOR'S NAME: Kevin Hintz, John Mann

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Cell 1A & B - secondary 21.4 inches - Light not on

Heat Trace Light on -
Valve dripping in Side Risin Bldg for Cells 1 & 2

Waste being tracked out of landfill. Must be cleaned up.

This form given to: Terry Lund

47-15-1A (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

6 NYCRR Subpart 360-2
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
(For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
Hyland	Heedmon Hill Rd. Angola	0 2 S 1 7	0 1 2 7 1 1	1 2 0 0

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
Kevin Hintz	5	Joe Boyles, GM

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	Overcast, snow, 20's	9-0232-00003/00002

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
1 OF 2	☒ Yes ☐ No	_____ Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
This form is a record of conditions which are observed in the field at the time of inspection.
Items marked NI indicate no inspection and do not mean no violation has occurred.

☒ PART 360 PERMIT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT

C	NI	V	
			FACILITY MANAGEMENT
☒	☐	☐	1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
			2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
☒	☐	☐	a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). NOT ACCEPTED
☒	☐	☐	b. Control Program. 360-1.14(e)(1).
☒	☐	☐	c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
☐	☒	☐	d. Bulk Liquids. 360-2.17(k).
☐	☒	☐	e. Whole Tires. 36-0-2.17(v). } NOT ACCEPTED
☐	☒	☐	f. Lead Acid Batteries. 360-2.17(w).
			3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
☒	☐	☐	a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
☒	☐	☐	b. Adequate Equipment. 360-1.14(f)(2).
			4. Operational records are available where required:
☒	☐	☐	a. Unauthorized Solid Waste Records. 360-1.14(i)(1). — NOTHING IN SECTION?? where??
☒	☐	☐	b. Self Inspection Records. 360-1.14(i)(2).
☐	☒	☐	c. Permit Application Records. 360-1.14(i)(3).
☒	☐	☐	d. Monitoring Records. 360-1.14(i)(4). — Note orange sticky's for questions.
☐	☐	☐	e. Facility Operator Records. 360-1.14(u)(1).
☐	☒	☐	f. Fill Progression Log. 360-2.9(e). — NOT IN BOOK
☒	☐	☐	g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3). — See notes on orange sticky's
☐	☒	☐	h. Asbestos Waste Site Plan. 360-2.17(p)(2). NOT ACCEPTED
☐	☐	☐	i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q). — NOTHING IN SECTION? where?
			OPERATION CONTROL
☒	☐	☐	5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j). Some blown litter in Area east property line.
☒	☐	☐	6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).
☒	☐	☐	7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).
☒	☐	☐	8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).
			WATER
☒	☐	☐	9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).
☒	☐	☐	10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS
☒	☐	☐	11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
☒	☐	☐	12. On-site roads are passable. 360-1.14(n); 360-2.17(s).
			WASTE HANDLING
☒	☐	☐	13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
☒	☐	☐	14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
			15. Solid waste preparation measures and/or precautions are provided:
☒	☐	☐	a. Stabilized/Dewatered Sludges. 360-2.17(n).
☐	☒	☐	b. Asbestos Waste. 360-2.17(p)(3). — NOT ACCEPTED
☒	☐	☐	c. Tanks. 360-2.17(r).
			COVER
☒	☐	☐	16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c). SPOTS OF PROTRUDING WASTE IN Cell 3C.
☒	☐	☐	17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
☐	☒	☐	18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e). CSE corne
			MONITORING
☐	☒	☐	19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
☐	☒	☐	20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c).
			OTHER
			On Continuation Sheet identify any other violations.

1) Need to haul leachate!
2) Need staff marker for south basin
3) Need to fix leaking valve in S. side Riser for Cell 1/2
4) Need to repair bubbler system for meter house for basins.

Kevin Hintz
Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

JOSEPH BOYLES
Individual in Responsible Charge (Please print)

Signature Date

5) Need to label meters in Cell 3 S. side Riser. Re-label meters in Cell 1

REGIONAL OFFICE COPY

47-15-1 (1/98)—q

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
Continuation Sheet

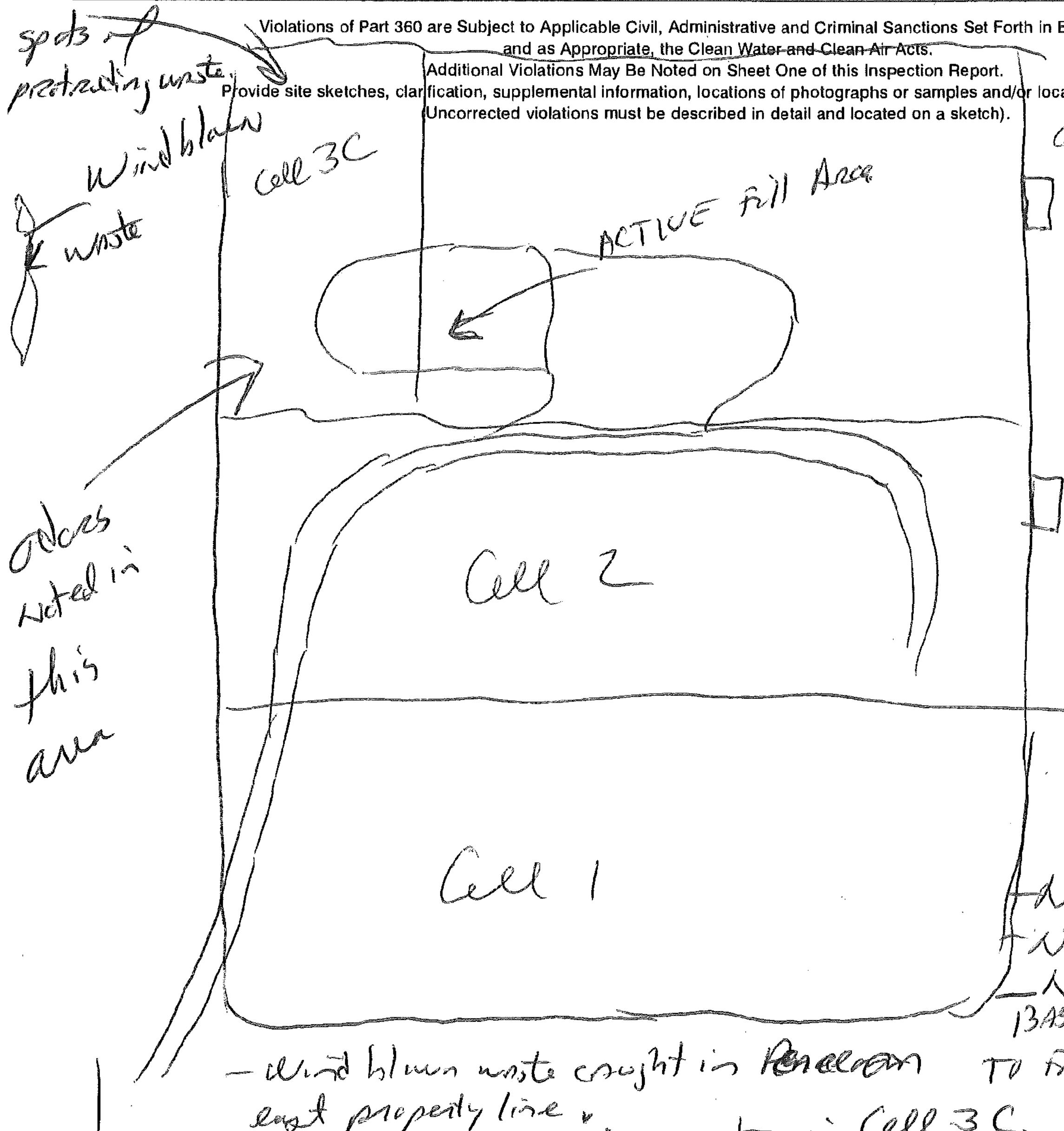
FACILITY NAME	LOCATION	FACILITY NUMBER	DATE	TIME
Hylands.	Herdman Hill Rd. Angelica(T)	02S17	01/27/11	1208

INSPECTOR'S NAME	CODE	PERSONS INTERVIEWED AND TITLES
Kevin Hintz	S	Joe Boyles, MANAGER.

REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER
9	Overcast, snow, 20's.	

SHEET	CONTINUATION SHEET ATTACHED	PART(S) 360-
2 OF 2	☐ Yes ☒ No	Attached

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts.
Additional Violations May Be Noted on Sheet One of this Inspection Report.
Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations.
(Uncorrected violations must be described in detail and located on a sketch).



Cell 3 side Riser
- station 2 Full of water
- Cell 2 secondary 213/214
- need to label meters

Cell 1 & 2 Side Riser
- Cell 2 Primary cycling
- Cell 1 A&B Secondary Light on.
- both valves leaking
- need to re-label meter

- Need to switch basins
- Need to haul leachate
- NOTHING WORKING BASIN MOTOR HOUSE DUE TO FREEZE UPS

- Wind blown waste caught in ~~[illegible]~~ east property line.
- spots of protruding waste in Cell 3 C.
- Need stick marker for south basin.

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

____
Individual in Responsible Charge (Please print)

[signature]
Inspector's Signature

Signature

Date

REGIONAL OFFICE COPY