

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

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.

Facility Hyland Landfill
Pacility Hyland Landfill  Date & Time 12/7/11 15 4 5 pm
Weather Snow flurries, 30's overcat Nional.
Inspector John Mann
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION
Leachate in south slope stormwater drawage ditch-
entering who show To remail floring story into Surface
lutering into stormwater runds, flowing storry into surface water straum. discharge + sediment basin.
with the state of
OBSERVATIONS/ CONCERNS/PROGRESS
1. No odors noted in Village, foros, Conny Rtz, Reacoch Hill
on flerdman Rd.
n Minimal tracking on roadway.
3. Sumakile is Ok.
u. Odors noticed south of landfilla levry same one of and the land of landfilla levry same one of and of sound.  15 down - started flare to increase vacuum.
15 fown - Starter
5. 14 Trucks lined up up / que to be publed up stope. ~15
minutes / truch.
the time week
7. C+D peny dumpel on SW Corner + releaded by Hyland for
7. C+D being dumpel on SW Corner + retraded by Hyland for road bed use 8. Cell / Primary 1s not reading correctly, thigh level indicator on. This form given to: Terry Lunn  Cell / groundwater not reading correct.
Cell I groundwater not reading correct.

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

Date 12/7/1	Time	130 pm				Inspecto	or Joi	41 J M.	w d	
· /	Cell 1 Primary			Cell 1 Seco	ndary A/B	Cell 1 S	econdary C/D	Cell 2 Seco	ondary E/F	Cell 2 Secondary G/H
Reading	-34.4	13.8	•	6.	7	9	- 2	19-	6	9,3
	Hi L		Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi Lo
Limit	20" 8	A CONTROL OF THE PARTY OF THE P	8.6"	12"	8"	12"	8"	12" 20"	8"	20" 8"
Alarm Set	24"	23.6"		20"	Programmer Commencer	20"				
·	Cell 1	Cell 2		Cel	11 2	Notes:	/ /	. 1	0 1 1	
	Groundwate	er Groundwat	er E/F	_	ater G/H	Cell	1/2 H	Sh lev	relish	it on
Reading	1	6.1	vant, 40 movett 188-0-38	13		1.73	ad rea	dings	. Cell 1	Primary ren repaired
	Hi L	o Hi	Lo	Hi	Lo	SowA	BAy Grav.	el has i	not yet be	cen repeated.
Limit	20" 8	" 21.2"	8.6"	12"	8"				·	
	Cell 3 Primar	y Cell 3 Seco	ndary	Bay 1 I	Primary (No	Ктн )Bay :	Secondary (**	Bay 2 I	Primary So	лн)Bay 2 Secondary
	Bubbler O. O.	Bubbler	20	Bubbler	10.7	Bubble	5.1	Bubbler	9.5	Bubbler 5.5
Reading	Flow 9.9	Flow Control	12.7	Flow Control	1/.1	Flow Contro	1 4:4	Flow Control	9.4	Flow 5, Z
	Hi L	o Hi 📗	Lo	Bay 1 Stick	111	(Stick is	16')	Bay 2 Estimate		
Limit	20" 12	2" 20"	12"	Measure	11'	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			# 10'	
Cell 1&2 Riser	Cell 1 Primary	Cell 2 Primary	Cell 1 A	VB Sec	Cell 1 C/D	Sec	Cell 2 E/F Sec	Cell	2 G/H Sec	Cell 1 Grnd Water
Building: Warning Lights										ţ.,
(check if lit)	Cell 1 E/F GW	Cell 2 G/H GW	Low Le	vel	High Leve	l 	Vault Flood	Heat	Trace Failure	Remote Pump
			ACD		W V		Y Y1	Tana	lout Inhibit	Primary Sump
Cell 3 Riser Building Warning Lights	j.		AC Pov	ver	High Leve	l	Low Level	Loac	iout mmon	Primary Sump
(1 1 1000)	lo Lights	•	Second	ary Sump	Station 2 I	eak	Vault Flood	Pum	p Fault	Heat Trace Failure
	, , , ,									
Leachate Impoundme (check if lit)	ent Warning Lights	AC Power Failure	High L	evel	Low Level		Loadout Inhib	it Bay	1 Primary	Bay 1 Secondary
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump F	ault	Loadout O	verfill	Heat trace Fau	ılt SRB	Flood	Discharge Alarm

Hylanius. 12/7/11 XHulz 9:31AM - Leachale standing in spots on south slope - Protouding unste on east slope, near top, south of access now. -1.1 mil gallons of feachale haked. Waring Decembs -oh access need covered with skey/black unote. Needs to be removed a boried is - Need cares on east slape where worster
filling has just been finished.

Cain to Teas Land.

Facility Hyland Landfell
Facility Hyland Landfill  Date & Time 12/13/11 2:15 pm
Weather Sunny, Some clouds, some (~<5%) snowcover, 30's 40.
Inspector John Munn
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION  Like on north slope & north fence line (wind blown white plastic hags)
Cell I primary meter not reading beachase level - level is over limit
deachate breakouts downgradient of leachote trench on
souta slope
OBSERVATIONS/ CONCERNS/PROGRESS
Saturated South Slope 50 ls - gar renting
Berny of soil placed along east slope road
downgadent of drill cutting.
No Stste odors (Gibson Hill, Reacock Hill, CR 2, Wines are Village of Angelia) On site odors to South Still.
Village of Angelia) On site odors to south , Still
Road look 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/	1 Time 2130 pm			Inspector John Mann						
	Cell 1 Primary		nary	Cell 1 Seco	ndary A/B		econdary C/D	Cell 2 Secondary E/F	Cell 2 Secondary G/H	
Reading		13.9		7, 8	~	4	9.2	19.8	9.3	
Limit	Hi L 20" 8	" 21.2"	Lo 8.6°	Hi 12"	Lo 8"	Hi 12"	8''	Hi Lo 12" 8"	Hi Lo 12" 8"	
Alarm Set	24"	23.6"		20"		20"		20"	20"	
	Cell 1 Groundwate	Cell 2 er Groundwat		Cel Groundw	ll 2 vater G/H	Notes:	Cell I Prin	ato \$ 15	@ 3 gpm	
Reading	17.9	217	/	4,	7		Indica	atr # 15	overlimit"	
	Hi L		Lo	Hi	Lo					
Limit	20" 8	"   21.2"	8.6"	12"	8"					
	Cell 3 Primar	y Cell 3 Seco	ndary	Bay 1 I	Primary	52 till	Secondary	Bay 2 Primary	Bay 2 Secondary	
D. J. J.	Bubbler /. 7		1,6	Bubbler Flow	11.8	Bubble Flow	<i>y</i> 1	Bubbler 9.6 Flow	Bubbler 5.7 Flow 5.2	
Reading	Control / C	Control .	12.3 Lo	Control  Bay 1  Stick	12.2 12.4	Contro (Stick is	Miki Bag	Control 9,5  Bay 2 Estimate 106	Control	
Limit	20" 12	2" 20"	12"	Measure	111					
Cell 1&2 Riser	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	
Building: Warning Lights (check if lit)	Cell 1 E/F GW	Cell 2 G/H GW	Low Le	vel	High Level		Vault Flood	Heat Trace Failur	e Remote Pump	
C-11 2 Di D-:14i			AC Pov	uor	High Level		Low Level	Loadout Inhibit	Primary Sump	
Cell 3 Riser Building Warning Lights	<b>2.</b>		ACTOV	vc1	Iligii Level		LOW LEVEL	Loadout Himor	i i	
(check if lit)			Seconda	ary Sump	Station 2 L	eak	Vault Flood	Pump Fault	Heat Trace Failure	
		Lich Bij	XX' 1 7	-	T T T	-	Tandani Talini	Day 1 Drive	Day 1 Seconds	
Leachate Impoundme (check if lit)	ent Warning Lights	AC Power Failure	High Le	evel	Low Level		Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary	
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump F	`ault	Loadout O	verfill	Heat trace Faul	t SRB Flood	Discharge Alarm	
		-			V					

12/22/11 3:00 000	
DATE & TIME: 12 22 11 3:00 pm	
WEATHER CONDITIONS: Cloudy 40's	
INSPECTOR'S NAME: Wevin Hostz	
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS	
I) Word blown proms being proceed up	
7) UNCACRED WASTE ON ENST SLOPE, T	or Nepr
Z) UNCACRED WOODE ON ENST SLOPE, T end of old access road, W. N be care	jel As sun
and the same of th	
3) Access Bond into lung! I hemily Ruttell constant mainten mee due to excessive	UNDE
constant maintenance due to excessive	RAIN.
4) Princry pump for Cell 4 is owning	, Only 82
5) Seconday pump for Cell 4 is openstio.	Less Dan
I golfacul day for All, so far,	1 / leda
Seconday pump for Cell 4 is apensing.  1 gal/acre/ Lay for All, so far,  () The trailers we redirective unste continue to Not seem to be join, down after 6 Lays.	sit. Levels co
This form given to:	

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

Date /2/29	/// Time	13:20	· · · · · · · · · · · · · · · · · · ·	-		Inspect	or <i>Jo</i> ,	4n Mu	NN	
	Cell 1 Primar	y Cell 2 Pri	mary	Cell 1 Sec	ondary A/B	Cell 1 S	Secondary C/D	Cell 2 Sec	ondary E/F	Cell 2 Secondary G/H
Reading	19.2	14.1		9.	3	9	. 2	2	0.5	14,9
		o Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo 8"	Hi Lo 12" 8"
Limit		3" 21.2"	8.6"	12" 20"	8"	12"	8" =	12"	8	
Alarm Set	24"	23.6"			in the second	20"		20"		20"
	Cell 1 Groundwate	Cell 2 er Groundwar	_		ll 2 vater G/H	Notes:	Cell ! Pro	nany has	leak @	meter-icing dri
Reading	14.8 18	34 183,9	0,3	2	-6.4					
	Hi L	o   Hi	Lo	Hi	Lo					
Limit	20" 8	3" 21.2"	8.6"	12"	8"					
	Cell 3 Primar	y Cell 3 Seco	ondary	Bay 1	Primary	Bay	1 Secondary	Bay 2	Primary	Bay 2 Secondary
	Bubbler 7.	S Bubbler	16.1	Bubbler	10,3	Bubble	4.1	Bubbler	11.0	Bubbler 5.7
Reading	Flow 7.	5 Flow Control	[ (હૃ. (હૃ	Flow Control	10.6	Flow Contro	1 40	Flow Control	10.9	Flow 5.3
•	Hi I	o Hi	Lo	Bay 1 Stick		(Stick is	16')	Bay 2 Estimate		
Limit	20"	2" 20"	12"	Measure	11'est				name of the state	
Cell 1&2 Riser	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
Building: Warning Lights									, -	. 4
(check if lit)	Cell 1 E/F GW	Cell 2 G/H GW	Low Le	vel ————	High Level		Vault Flood	Heat	Trace Failure	e Remote Pump
Cell 3 Riser Buildi			AC Pov		High Level		T a T a1	Table	lout Inhibit	D.i. C.
Warning Lights	ng:		AC POV	ver	High Level		Low Level	Load	iout minibit	Primary Sump
(check if lit)			Seconda	ary Sump	Station 2 L	eak	Vault Flood	Pum	p Fault	Heat Trace Failure
									<b>r</b>	
	ment Warning Lights	AC Power Failure	High Le	evel	Low Level		Loadout Inhib	it Bay	1 Primary	Bay 1 Secondary
(check if lit)			* .		,	<del>, -</del>				1
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump F	ault	Loadout O	verfill	Heat trace Fau	lt SRB	Flood	Discharge Alarm



## 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)

Г	FACIL	ITY NA	ME		LOCATIO	N N		FACILITY NUMBER DATE 2 2 9 TIME
-	11.		-10	LANDEIL	Do	colie	1111	012151117/2301111/105
ľ	INSPE	CTOR	'S NAN	E	CODE	PERSONS INTE	RVIEWED AND	
-	1	11 /	M	4.6.6	M		,	UNS OPERATIONS MANALLA
-	REGIO	N W	FATHE	CONDITIONS 3.4	7.7	I Les	C DEBMIT NUM	HARRY OF CHEMINANT PROTECTIONS
-	0		1.100		oun	8 44 1g	i unni Es	
-	SHEE	16	NER	CONTINUATION SHEET ATTAC	MAS (	7/8/ 260	1-101213	121-1010101013110101010121-1
	/	•	2		120 1.71	11(3) 300-		
L		OF_	<u></u>	☐ Yes 🎽 No				Attached
		Vi						tions Set Forth in ECL Article 71, and as Appropriate, Described on the Attached Continuation Sheet.
				This form is a reco	rd of cond	ditions which are o	oserved in the fi	sid at the time of inspection.
								o violation has occurred.
_	N11	v	F 6 6 1	PART 360 PERMIT ITY MANAGEMENT		ORDER ON CONS	SENT LI	EXEMPT COMPLAINT
ž		ď			authorized	d and management	occurs within a	pproved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
•				coming solid waste is monitored oproved for management at the fa		ol program for una	uthorized waste	, and solid waste materials accepted are those authorized and
	×		a	. Hazardous/Low-Level Radioacti	ve Wastes	. 360-1.5(b); 360-2	17(m). H/H	
₫	_		t	. Control Program. 360-1.14(e)(1	).			141
	₽			. Department Approved Facility for . Bulk Liquids. 360-2.17(k).		Wasies. 300-1.14(	r); 360-2.17(I),(p	9(1).
	<b>™</b>		6	. Whole Tires. 36-0-2.17(v). 1/14 Lead Acid Batteries. 360-2.17(w	do			
_	200	ш				ponents and equip	ment in accorda	ance with the permit and their intended use:
ÌM Mar				<ul> <li>Maintenance of Facility Composition</li> <li>Adequate Equipment, 360-1.14</li> </ul>		Grading. 360-1.14(	f)(1); 360-2.17(h	ı),(u).
(dar		_		perational records are available v		ired:		
-62 -2€				. Unauthorized Solid Waste Reco		.14(i)(1).		
	\$≥.			<ul> <li>Self Inspection Records, 360-1.</li> <li>Permit Application Records, 366</li> </ul>				
	<u>M</u>			<ol> <li>Monitoring Records, 360-1.14(i)</li> <li>Facility Operator Records, 360-</li> </ol>				
				Fill Progression Log. 360-2.9(e)				
Z	. 🗆			Primary Leachate Collection an			l-2.9(j)(3).	
×				<ul> <li>Asbestos Waste Site Plan. 360-</li> <li>Random Waste Collection Vehice</li> </ul>			.17(q).	
				ATION CONTROL				
				olid waste, including blowing litte ust is effectively controlled, and o				
Z.			7. C	n-site vector populations are prev	ented or o	ontrolled, and vect	or breeding are	as are prevented. 360-1.14(I).
		A)	8. C	dors are effectively controlled so	that they o	to not constitute a	nuisance. 360-1 INMOLYGY N. 7.	14(m). 5 ROCEIRES IN PAST MONTH, SEC BÉCE
			WATE 9. S	olid waste is prevented from ente				
ø			10. L	eachate is minimized through dra	nage cont	rol or other means	and is prevente	d from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
ĵ <b>y</b>			ACCI					gns, natural barriers or other suitable means. 360-1.14(d).
ä				n-site roads are passable. 360-1.			nong, gates, at	gird, recently barrers of barrer barress meeting, 900 mil-(u).
ncal	_			E HANDLING				
25				ond waste is spread in layers 2 re orking face area is the smallest p			r compaction is	achieved with 3 passes of appropriately sized equipment, and the
Ø			14. L	ft height does not exceed 10 feet	slope is a		nd no more than	n 33 percent, and wastes are placed and graded in accordance
				ith fill progression plan. 360-2.17( olid waste preparation measures		cautions are provid	led:	
Ħ			;	<ul> <li>Stabilized/Dewatered Słudges.</li> </ul>	360-2.17(r			
異				<ol> <li>Asbestos Waste. 360-2.17(p)(3)</li> <li>Tanks. 360-2.17(r).</li> </ol>	•			
			COV					
Ø			16. E	ally cover material is suitable in q	uality, of p	roper compacted t	hickness, and is	applied and maintained where and when required to control  MPLANEMENT TO Phylimite Oports
Ø			17. li	termediate cover material suitable	in quality	, of proper compac	ted thickness, a	and is applied and maintained where and when required.
п	r)a			50-2.17(d). inal cover system material is suita	hle in mu	lity of proper com	arted thickness	s, and is applied and maintained, 360-2.17(e).
_	-	_		TORING	yua	, proper cum	anomics	-)
Q			19 A	onitoring wells are intact 360-2.1	7(a); 360-	2.11(a)(8)(v),(c)(1)(	).	10
Ø			OTHI		d and con	trolled. 360-2.17(i);	360-8.3(c).	AS Collected System
				ontinuation Sheet Identify any other	er violation	is.		
		ע דים	ce s	THE ODORS NOTED	Too	a. 10/ 22	- Mes.	ST. @ Town/VILLAGE LINE AT 4783
		0,			م درت ر	y on E	rsi jini	The ready vicence cine of 1/00
		E.	AST	MAIN ST. AN	10 / p	longer or	HERDM	AN RO ON PEACOCK HILL RO. @
				•	(	INTERS	GETTER	AN RD) ON PEACOCK HILL RD. @
		^	129	PM WIND DIE		ral Care	ر سی میشید	a many change of a second con-
		,		same da tarte		1	-, -, -, -, -, -, -, -, -, -, -, -, -, -	1 hereby acknowledge receipt of the
		6	عرمته وتبرو	<del>o N FAO - WOLLDY - C</del>	111 8	TIS PRESS	4 (4)1900	I hereby acknowledge receipt of the
								Facility Copy of this Inspection Report sheet.
		,						LOSTERS BOYCES
	1	6	,	7 1				Individual in Responsible Charge (Please print)
	[4]	lue	-/;	Sets Signature				<u> </u>
	U		(-1	spector's Signature			,	Signature Date
							- (	į v

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

Date:

December 16, 2011

Reporting Period:

November, 2011

Facility Monitor:

John Munn (JM) deg 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	Time	Individual	Location
November			·
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	PC	Near Angelica village/town line, East Main St
	& evening		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 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**

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

Facility Hyland Canlfill
Date & Time 11/2/u 215 4 m
Weather Sunay, 60; SW WIND
Inspector Mund
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION
- Dust control needed between
At Fill/pack Clay/soil who vill on top of draw sump
DEVM (NOTE - NO WATER HERE TO KEEP MUD OF E DRAINAGE LAYER
STANT - ATTEMPT TO KEED SPECTOS BELOW SMAH TO MININZE DUST
NO NEW TO USE WATER- TRY TO KEED SPEEDS DOWN
No OHIGINE ODONS - ("2" AT SOUTH AVE)
OBSERVATIONS/ CONCERNS/PROGRESS
Construction - Primary drawage stone "1/3 complate in base +
N stone- Censhem layer over primary " 1/2 complete
Coverage all down. Cushin 50% on all surfaces. Stone " 1/5 complete. Andy thanks stone will be
laid by next week on all surfaces.
West stone Pachate draw bern was breached at some
the v.11, but would not be effective if sump level were to vise again. Breach flows into 6/w storm water draw
The vill, but would not be effective it simp cere were
to Vise again. Breach flows into of som worth
Leachate that ran in Storm water Liter was addressed.
This form given to: Terry Cuan
CEN 14/10 Secondary SENSON REPAIRED / SYSTEM RECAL MANTED.

Facility Ifyland handfill
Date & Time 11/15/11 3 pm - 7pm
Weather Overest 50: damp. Sw > 5 winds.
Inspector John Mann
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION
South slope- exposed waste from drilling/
excavation needs cover in S stope.
Continue Training leachate from south slope wells.
OBSERVATIONS/ CONCERNS/PROGRESS
Cover on South Stope grogresses.
Oders on E Main St @ village boundary are
from Jaw will (terpenes) Jame Strong on-s, te odos & Some off si te odos noted a peacock 4:11 / Herdman Rd
Some Strong on- site ados & Some off site ados
noted a peacock Hill / Herdman Rd
intersection
Some litter not a major problem - especially
along N fence line
This form given to: Terry Luna

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

Date ////S	Time	4:45	pm			Inspect	or M	کم کرد ر		
/ '.	Cell 1 Primar	y Cell 2 Pi	imary	Cell 1 Seco	ondary A/B	Cell 1 S	Secondary C/D	Cell 2 Sec	ondary E/F	Cell 2 Secondary G/H
Reading	11.7	<i>t</i> 4.	0	0	7.1	0	9.Z	19,	2	AH.8 8.6
		o Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi - Lo
Limit	20" 8		8.6"	12"	8"	12"	8"	12"	8"	12" 8"
Alarm Set	24"	23.6"	AND DESCRIPTION OF THE PARTY OF	20"	507517 FR	20"	of the state of th	202		20"
	Cell 1 Groundwate	Cell er Groundwa			ll 2 vater G/H	Notes:	ellaw	sensa	orlED / NIS OW	Malfunctioning
Reading	1-0-	- 02	, <del>f</del>	07.	. f					
	Hi	o   Hi	Lo	Hi	Lo					
Limit	20" 8	" 21.2"	8.6"	12"	8"					. '
	Cell 3 Primar	y Cell 3 Sec	condary	Bay 1	Primary	Bay	l Secondary	Bay 2	Primary	Bay 2 Secondary
	Bubbler 9	3 Bubbler	18,1	Bubbler	6.1	Bubble	4.5	Bubbler	11.6	Bubbler 5.5
Reading	Flow Control	Flow Control	18.6	Flow Control	6.6	Flow Contro	1 4,4	Flow Control	11.6	Flow 4.9 Control
	Hi L	CHE THE SERVICE	Lo	Bay 1 Stick	6	(Stick is	16')	Bay 2 Estimate		level a couple to inches above portour of pipe
Sure, Limit	20" 12	2" 20"	12"	Measure			eragili derri es A per perintagonis			portom of pipe
	Cell 1 Primary	Cell 2 Primary	Cell I A	/B Sec	Cell 1 C/D	Sec	Cell 2 E/F Sec	Cell	2 G/H Sec	Cell 1 Grnd Water
Building: Warning Lights									* .	A. (1)
(check if lit)	Cell I E/F GW	Cell 2 G/H GW	Low Le	vel	High Level	<u> </u>	Vault Flood	Heat	t Trace Failure	Remote Pump
Chan: Bill			A C D		V III I I	1	T Il	Tan	Jane Trabibie	Duine on Corner
Cell 3 Riser Building: Warning Lights			AC Pov	ver	High Leve	<u>.</u>	Low Level	Load	dout Inhibit	Primary Sump
(check if lit)			Seconda	ary Sump	Station 2 L	eak	Vault Flood	Pum	p Fault	Heat Trace Failure
Leachate Impoundmer (check if lit)	nt Warning Lights	AC Power Failure	High Le	evel	Low Level		Loadout Inhib	it Bay	1 Primary	Bay 1 Secondary
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump F	ault	Loadout O	verfill	Heat trace Fau	ılt SRB	Flood	Discharge Alarm
								-		

# egged beeg in stil , show

4 secondory 'so BUR can be coledarted. Doos Hames I those golf young Citters -- New Japo may shows average to be filled - Wast phosport in Coll 3, LAST 131D. - toggy a reamy. So difficult to see for. - Moss in good chape. - North leadure boing empties for in spedien - Stonnumber Accountating in Cell 4. Sussente 2 Lut (1/22/11 M3 8111 11-7 Lead I Los



#### FACSIMILE COVER SHEET

_	d Facility Associates		To:	· · · · · · · · · · · · · · · · · · ·	
	lerdman Road				
	ea, NY 14709				
	: (585) 466-7271	No.		1999	
Fax:	(585) 466-3206	1	Facsimile No.:		
			, 1 .	ncluding cover	Anna a
			Date:	Time:	
INFOR	RMATION TRANSMITTED		3 4 <sup>8</sup>	grade Over	
	TRANSMITT	ED AS CHECKE	D BELOW:		
	For your app	roval	_ For your use		
	For review a	nd comment	_ As requested		
REMA	NRKS:		*	V Age	
	A STATE OF THE STA			*	
			er en	A Secretary	
	1				
		Say the			
		A STATE OF		Constant	
					· · · · · · · · · · · · · · · · · · ·
	•				
		September 1		Ç.	
CC:			**		
<del> </del>		OLONED.			
		SIGNED:			

This facsimile contains <u>CONFIDENTIAL INFORMATION</u>, which may also be LEGALLY PRIVILEGED and which is intended for the use of the addressee (s) ONLY. If you are not the intended recipient of this information, or the agent responsible for delivering this to the intended recipient, you are hereby notified that distribution or copying of this facsimile is PROHIBITED. If you have received this facsimile in error, please notify us <u>IMMEDIATELY</u> at the telephone number listed above. Thank you.

Facility	Aylan I Lanc	4411
Date & Time	11/29/11	1130-230 pm
Weather	Overast So's,	dringle - vain
Inspector	John Munn	J 0

#### ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Leachate sump's berm shows it was breached at least twice in 2 locations, most recently into Stone below herm. The sump is filled with sediment; berm preeds to be shored of. South slope still has flowing leachate in ditchneeds to be corrected

#### OBSERVATIONS/ CONCERNS/PROGRESS

Overall, the site looks good. Easley wind - some 8/15ht odors on western landfill wood a foe of slope. No odors on N. E. or South roads. (Odor complaints on 11/24-11/21 bon E Main St and County At 2 - No odders noted to day & - Chester says a farmer has been spreading manure)

Leachate imported ments are the.

GEI cleaning 115ers -

*	Company of the Compan	:		
This form given to:	leven	Cunn		

### 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)

-	FACIL	III NA	WIE ,	LOCATION		FACILITY NUI	MBER DAT	E	TIME				
1	HYLAND LANDFILL			Andol.	ea NV	01215117/1/3011/01/45							
٦	INSPE	CTOR'	'S NAME	CODE PERS	111111111111111111111111111111111111111								
	. 7		$\mathcal{P}$										
-	V0.	HN	MUNN	19 1	12 1204/12	اج کی ا	1769 V.						
-	REGIC	ON   WE	EATHER CONDITIONS		DEC PERMIT	NUMBER							
1	9	10	Vercent Misty Snow +	hanes	9,012	3121-10	IAI AI Z	ر مرمرس≲رد	102				
-	SHEET		CONTINUATION SHEET ATTACH	IED PART(S) 36	<u>                                      </u>	2 2 0	0 0 0	19/10/01	0 - 1 - 1 -				
1		•	CONTINUATION GRIZZI ARTAGI	ILD   1 A111(3) 301	,-								
1		OF_	☐ Yes 🔏 No						Attached				
_													
		Vi	olations of Part 360 are Subject to Applic										
			the Clean Water and Clean Air Acts. A	oditional and/or h	Auitiple Violations May hich are observed in t	Be Described on the	he Attached (	Continuation Sheet					
			items marked it	Vi Indicate no Insc	ection and do not me	no violation has	ormspection. occurred.						
			🔏 PART 360 PERMIT		ON CONSENT		☐ COMPLA	INT					
C	Ni	٧	FACILITY MANAGEMENT		ON OOMOLIN	L LALIM !	L 00mii L	1141					
ষ্		ò		authorized and ma	magement occurs with	in approved areas.	360-1 5(a): 3	360-1 7(a)/1) (b): 36	50-8 3/d)				
, 4	<ol> <li>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).</li> <li>Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized</li> </ol>												
			approved for management at the fac										
Ž.			a. Hazardous/Low-Level Radioactiv		i(b); 360-2.17(m). 🎺	TACCEPIES							
<b>国政区</b>			<ul> <li>b. Control Program. 360-1.14(e)(1)</li> <li>c. Department Approved Facility for</li> </ul>		260 4 14/6, 260 2 17	(I) (m)(1)							
କ୍ଷି	_												
×			e. Whole Tires. 36-0-2.17(v). NOT	ACCEPTEDS.	INCIDENTAL 111	ics pulled	OVT						
И			<ol> <li>Lead Acid Batteries. 360-2.17(w).</li> </ol>	NOT ALLE	PT&D								
*c=			3. Operator maintains and operates far				ermit and thei	ir intended use:					
ヌス			<ul> <li>a. Maintenance of Facility Compon</li> <li>b. Adequate Equipment, 360-1.14(1)</li> </ul>		. 360-1.14(1)(1); 360-2.	17(n),(u).							
~	_	_	Operational records are available with the second state and the second state available with the second state and the second state and the second state are available with the second state and the second state are available with the second state and the second state are available with the second state and the second state are available with the seco										
Ħ			a. Unauthorized Solid Waste Recor										
臧			b. Self Inspection Records. 360-1.1										
	A A		c. Permit Application Records, 360										
2	<b>~</b>		<ul> <li>d. Monitoring Records. 360-1.14(i)</li> <li>e. Facility Operator Records. 360-1</li> </ul>										
×			f Fill Progression Log 360-2 9(e)										
Ħ			g. Primary Leachate Collection and h. Asbestos Waste Site Plan. 360-2 i. Bandom Waste Collection Vehic	Removal System	Logs. 360-2.9(j)(3).	te Pro contr	ol ro con	de de made	Lan-eamo-teili				
	প্র		h. Asbestos Waste Site Plan. 360-2	.17(p)(2). N		Mowth tota	els ago	earlow 111	30				
×				le Inspection Rec	ords. 360-2.17(q).		",		, , , ,				
JZA.			OPERATION CONTROL	in cufficiently can	Speed or approximate 26	0.4.4465							
â			<ol> <li>Solid waste, including blowing litter,</li> <li>Dust is effectively controlled, and do</li> </ol>										
及足又國			7. On-site vector populations are preven				d. 360-1.14(l	}.					
M			<ol><li>Odors are effectively controlled so t</li></ol>	hat they do not co	nstitute a nuisance. 3	60-1.14(m).							
			WATER										
<b>M</b>				ering surface waters and/or groundwaters. 360-1.14(b)(1).									
×			<ol><li>Leachate is minimized through drain</li></ol>	nage control or ot	ner means and is prev	ented from entering	surface wate	ers. 360-1.14(b)(2);	; 360-2.1.7(g).				
يے	m		ACCESS		W- 11 .								
M			11. Access to the facility is strictly and o		ciled by fencing, gate	s, signs, natural bar	rriers or other	r suitable means. 3	60-1.14(d).				
4	ш		12. On-site roads are passable. 360-1.1	+(n); 300-2.17(\$).									
Ø			WASTE HANDLING  13. Solid waste is spread in layers 2 fee	of ar less in thicks	ess proper camposite	n ie achieved with	3 556655 01 5	noranriataly dis	oquinment and the				
~	_	_	working face area is the smallest pr			mis acineved Willia	ש אמססכט טו מ	ppropriately sized	ednibutetir' suo nis				
Ą			14. Lift height does not exceed 10 feet,			than 33 percent, an	nd wastes are	placed and grade	d in accordance				
			with fill progression plan. 360-2.17(I	o)(2).		•		-					
•		-	15. Solid waste preparation measures a		are provided:								
			a. Stabilized/Dewatered Sludges. 3										
A	ō		<ul> <li>b. Asbestos Waste. 360-2.17(p)(3).</li> <li>c. Tanks. 360-2.17(r).</li> </ul>	~/ ~									
			COVER										
M			16. Daily cover material is suitable in qu	ality, of proper co	mpacted thickness, a	nd is applied and m	aintained wh	ere and when requ	ired to control				
٠.	_		vectors, fires, odors, blowing litter, a	and scavenging. 3	60-2.17(c).								
M			17. Intermediate cover material suitable	in quality, of prop	er compacted thickne	ss, and is applied a	and maintaine	ed where and when	required.				
	9 <b>≡</b> L		360-2.17(d). Necds //	uproveme	a on cells	1/2	- المالم من المسام الم	ined 000 0 47(c)					
_	7	υ.		ne in quality, of pr	oper compacted thick	ness, and is applied	u and maintai	med. 360-2.17(e).					
	ĵи		MONITORING  19. Monitoring wells are intact. 360-2.17	(a): 360-2 11(a) (9	)(v) (e)(1)(i)								
	X		20. Decomposition gases are monitored	and controlled.	/\*-/\\\*\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	IMPROVING A	Ac en	16-170 -1 5	1 5-196 6				
	,,		20. Decomposition gases are monitored OTHER On Continuation Sheet identify any other			15 NEED	عاضات هارما معادد المسا		· Jest Ne Jespe				
			On Continuation Sheet identify any other	r violations.	•	~ ~		-cor cours be	NOING THRESGH				
			• •			Soil co	oven						

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

Individual in Responsible Charge (Please print)

REGIONAL OFFICE COPY

Date

Facility Hyland Candfill
Date & Time 11/30/11 / 45-400
Weather Overcast, Snow Hurries, 30's
Inspector John Munn
Issues requiring attention/corrective action intermediate Incomplete, core on top of cells Aft 1/2.  South of gas line needs core - task from Sept. not finished
fonding w/ lea chate on flat spots of South slope.
OBSERVATIONS/ CONCERNS/PROGRESS
Random Vahicle inspections Missing for Neeks & 11/13-18,
11/21-25 3 11/28-30 (if done yet for particlused) - Regid week at a minimum With operators?
Self inspections are done weekly-apparently on Fridays.  Records of 10/18 3 11/25 are missing (it done). Regulation requires
No Pro control records for 11/15-30 - System down due to power failured pota may be recoverable for month but day/week data of 105t.
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



...asable

Won-Releasable

#### MEMORANDUM

TO:

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

FROM:

Ms. Mary McIntosh, CPG, Engineering Geologist II ///

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

Facility Number:

02S17

Date:

November 18, 2011

Reporting Period:

October, 2011

Facility Monitor:

John Munn (JM)

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.

Facility Hyland Landfill	
Date & Time	
Weather Overcast, drizzle, Variable in	unds, lev
Inspector John Munn	
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION	
Cell 1 A/B Secondary pump not	working - level
@ 97), 2 "	
Cell 3 bubbler system down-air comp (Being repaired at time of visit) Leachate drain is getting silked up	pressor line brok
OBSERVATIONS/ CONCERNS/PROGRESS	
No odos noted offsite.	
South slope is too wet / muddy for	
Well # 11 15 pumpeel @ a greater a	ete han the
leachate recharge = good news	
Well #7 is building tramendous go Gar bubbling triough stone @ high Site looks good re liter - no -	flow rate)
east / south or at working face of	o mispect.
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	Inspector MUNN										
	Cell 1 Primar	y Cell 2 Pri	mary	Cell 1 Seco	ondary A/B	Cell 1 S	Secondary C/D	Cell 2 Sec	condary E/F	Cell 2 Secondary G/	Н
Reading	15.8	14.8	14.8		89.8		0.2		19.0	8,3	
	Hi L		Lo	Hi	Lo	Hi	Lo Lo	Hi	Lo	Hi Lo	
Limit	20" 8		8.6"	12"	8"	12"	8"	12"	8"	12" 8"	
Alarm Set 24" 23.6"			20"		20"		20"		20"		
-	Cell 1 Groundwate	Cell Groundwa		i		Notes: Cell 1 Sec Pages cover is of, Level h Warning 154+1.7 Cell 3 Buller in 78-no control					
Reading	17.6	42:	3 12		. 0	Cell 3 Buller		o 18.	ne contr	P	
	Hi L	o Hi	Lo	Hi	Lo			,		•	
Limit	20" 8	" 21.2"	8.6"	12"	8"						
	Cell 3 Primary Cell 3 Secondary		ondary	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	Bubbler	-,1	Bubbler	11.3	Bubble	4.3	Bubbler	10,9	Bubbler 5.4	
Reading	Flow Control	Flow Control	0.9	Flow Control	11.5	Flow Contro	$_{1}\mid\mathcal{T}_{\ell}I$	Flow Control	10.4	Flow Control 5.3	201-750 (010/1)
	Hi L	o Hi	Lo	Bay 1 Stick	11-6	(Stick is	16')	Bay 2 Estimate			
Limit	20" 12	2" 20"	12" Measure		11 9			11-6			
Cell 1&2 Riser	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 Wate	r
Building: Warning Lights								-			
(check if lit)	Cell 1 E/F GW	Cell 2 G/H GW	Low Lev	Low Level			Vault Flood	Heat	Trace Failure	Remote Pump	
	-				1						
Cell 3 Riser Building	g:		AC Pow	er FAILURE	High Level		Low Level	Load	lout Inhibit	Primary Sump	
Warning Lights (check if lit)							1				
(chock if its)				ry Sump	Station 2 L	eak	Vault Flood	Pum	p Fault	Heat Trace Failure	
		•	_	<u> </u>							
Leachate Impoundment (check if lit)	ent Warning Lights	AC Power Failure	High Le	vel	Low Level	- -	Loadout Inhib	it Bay	1 Primary	Bay 1 Secondary	
·			4								
1 Ban 2 Pr	run Ban 2 Sec.	Station Leak	Pump Fa	ult .	Loadout O	verfill	Heat trace Fau	lt SRE	Flood	Discharge Alarm	
								·			

Facility fyland bandfill
Date & Time 18/6/11 145-345
Weather 60's Sunny, blue sky, no Clouds, no wind
Inspector John Muan
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION
South slope 3 flat top of cells 1+2 - cover, grading
South slope 3 flat top of cells 1+2 - cover, grading leachate 15sues are being worked on addresse
Propess made w/ coveradramage on South
Slope.
OBSERVATIONS/ CONCERNS/PROGRESS
- Slopes & sike is litter free.
Tenatix is laying down guo composite our second
- 2 mer. Clay is placed on flat approx
- and presite not fully placed on slopes -
- geocomposite not fully placed on slopes - approx. 80% complete. Composite being
seun on wer suf
- Garbage Compaction, placement ok - good  tight small working face.  This form given to:  This form given to:  The Good of the Good of the face of the face  The face  The face of the fook good tons, to the face of the fac
tight small working face.
This form given to: Tory Lung face
- Roadr all book good Tons, to + feacoch Hill

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

Date 10	6/11 Time	*#				Inspecto	or		
	Cell 1 Primar	y Cell 2 Pri	mary	Cell 1 Sec	ondary A/B	Cell 1 Secondary C/D Ce		Cell 2 Secondary E/F	Cell 2 Secondary G/H
Reading	11.6	14.3	7	-22.5			.2	18,2	10.4
	Hi L		Lo	Hi	Lo	Hi	Lo	Hi Lo	Hi Lo
Limit	20" 8	21.2"	8.6"	12" 20"	8"	12" 20"	8"	12" 8" 20"	12" 8"
Alarm Set		handakanghan managan kata anaman 1825 Bil-er				HELSEN TO SERVICE THE SERVICE OF THE			20"
	Cell 1 Groundwate	Cell : er Groundwa			ll 2 vater G/H	Notes:	Senser	pillow torn-	terry removed has a leak
Reading	17.4	38,	38.7		61		1 Priman	has a leak	
	Hi L	o Hi	Lo	Hi	Lo				
Limit	20" 8	" 21.2"	8.6"	- 12"	8"				
3	Cell 3 Primar	y Cell 3 Seco	ondary	Bay 1	Primary	Bay 1	Secondary	Bay 2 Primary	Bay 2 Secondary
Reading	Bubbler 13. Flow Control 12 Hi L	Flow Control Hi	14.6 (5.1 Lo	Flow Control Bay 1 Stick	10.5	Bubble Flow Control (Stick is	Bion,	Flow Control Bay 2 Estimate	Bubbler 7.2  Flow Control 5.2  Pul Close to
Limit	20" 12	2" 20"	12"	Measure	10 - 0				Button Apope
Cell 1&2 Riser	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
Building: Warning Lights (check if lit)	Cell 1 E/F GW	Cell 2 G/H GW	Low Le	vel	High Level		Vault Flood	Heat Trace Failu	re Remote Pump
CH3 D. D.H.			100				, T T T	Y 1 (Y 1 2 ')	D
Cell 3 Riser Buildin Warning Lights	g: 1 1.1/ Vasak -	all at aller	AC Pow	er	High Level		Low Level	Loadout Inhibit	Primary Sump
(check if lit)			Seconda	ry Sump	Station 2 Le	eak	Vault Flood	Pump Fault	Heat Trace Failure
Malak on	huild Fre	[ m , d and	-						
		AC Power Failure	High Le		Low Level		Loadout Inhibi	t Bay 1 Primary	Bay 1 Secondary
(check if lit)			÷						
Bay 2 Prim	Bay 2 Sec	Station Leak	Pump Fa	ault	Loadout Ov	verfill	Heat trace Fau	t SRB Flood	Discharge Alarm
			1		· ·				



#### 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)

Γ	FACIL	TY NA	AME .	LOCATIO	N 6653:	HERDMAN	FACILITY N	UMBER	DATE		TIME		
		ΗY	LAND LANDFILL	ANGERICATO, ACCREANY (0.) 0/2/5/17 10/1/1/1/1/2									
	INSPE	CTOF	'S NAME	CODE		ERVIEWED AND	TITLES						
00000	1	MA	ex Hanos	S	100	E BOYL	15						
ľ	REGIO	N W	EATHER CONDITIONS			DEC PERMIT NUM							
1	9		GEOF CUNNY		•	7,0,2	32-16	2000	21 01 7 1/1	900	02		
ŀ	SHEE	Т	CONTINUATION SHEET ATTAC	HED PAR	T(S) 360-		9 -		1 - 1-2//				
The state of the s		OF_	□ Yes ⊠YNo	_							Attached		
			'SK PART 360 PERMI	Additional ord of con- Ni Indicate	and/or Multiple ' ditions which are no inspection a ORDER ON CO	iolations May Be observed in the f nd do not mean r	Described on feld at the tim to violation ha EXEMPT	the Attac e of Inspe is occurre	hed Continua ction.		te,		
C D	NI	<b>∨</b>	FACILITY MANAGEMENT  1. Solid waste management facility is	authorize	d and manageme	nt occurs within a	27775 approved area	s. 360-1.5	i(a); 360-1.7(a	i)(1),(b); 360-8	.3(d).		
~	_	_	<ol><li>Incoming solid waste is monitored</li></ol>	by a contr	ol program for u	nauthorized waste	e, and solid wa	aste mate	rials accepted	are those aut	horized and		
1			approved for management at the fa a. Hazardous/Low-Level Radioact		360-1.5(b): 360	-2.17(m).							
ũ			b. Control Program. 360-1.14(e) (1		. 000 110(0)1 000	().							
Š			<ul> <li>c. Department Approved Facility f</li> <li>d. Bulk Liquids. 360-2.17(k).</li> </ul>	or Specific	Wastes, 360-1.1	4(r); 360-2.17(l),(p	p)(1).						
DESERTED TO			e. Whole Tires. 36-0-2.17(v).										
Þ			<ul> <li>f. Lead Acid Batteries. 360-2.17(w</li> <li>3. Operator maintains and operates f</li> </ul>			innered in second	anaa with tha	normit on	el shair intand	lad upo:			
Ø			a. Maintenance of Facility Compo					permit an	a trien interior	ou use.			
Á			b. Adequate Equipment. 360-1.14		•								
	ĸį		<ol> <li>Operational records are available to a. Unauthorized Solid Waste Record</li> </ol>										
		ō	<ul> <li>b. Self Inspection Records. 360-1</li> </ul>	.14(i)(2).									
	J⊋( i≥n)		<ul> <li>c. Permit Application Records. 36</li> <li>d. Monitoring Records. 360-1.14(</li> </ul>		).								
	Δ. Ab.		e. Facility Operator Records, 360-										
	PANTANA		f. Fill Progression Log. 360-2.9(e										
	<u> </u>		g. Primary Leachate Collection ar h. Asbestos Waste Site Plan. 360	and Removal System Logs. 360-2.9(j)(3).									
	<b>₹</b>		i. Random Waste Collection Veh			0-2.17(q).							
	_		OPERATION CONTROL										
3	'		Solid waste, including blowing little     Dust is effectively controlled, and a										
火火スズ			On-site vector populations are pre	Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k). On-site vector populations are prevented or controlled, and vector breading areas are prevented. 360-1.14(i).									
K,			8. Odors are effectively controlled so	that they	do not constitute	a nuisance. 360-	1.14(m).						
K	í o		WATER  9. Solid waste is prevented from enter  10. Leachate is minimized through dra					ing surfac	e waters. 360:	-1.14(b)(2); 36	i0-2.1.7(g).		
		_	ACCESS								4 4 4 (-1)		
3			<ol> <li>Access to the facility is strictly and</li> <li>On-site roads are passable. 360-1</li> </ol>			tencing, gates, s	signs, natural i	barners o	other suitabl	e means. 360-	·1.14(a).		
1	_	_	WASTE HANDLING	(,, 000	22.1.(0).								
Ą			13. Solid waste is spread in layers 2 f	eet or less	in thickness, pro	per compaction is	s achieved wit	th 3 passe	s of appropria	ately sized equ	uipment, and the		
R			working face area is the smallest p 14. Lift height does not exceed 10 fee			t and no more tha	an 33 nercent	and wast	es are placed	and graded in	n accordance		
4			with fill progression plan. 360-2.17 15. Solid waste preparation measures	(b)(2). and/or pr	ecautions are pro		an do percent,	una waa	so are praced	and graded ii	rassoration		
, Z			<ul> <li>a. Stabilized/Dewatered Sludges</li> <li>b. Asbestos Waste. 360-2.17(p)(3</li> </ul>		n).								
Z.	Ō		c. Tanks. 360-2.17(r).	-									
_		_	COVER				·						
þ			<ol> <li>Daily cover material is suitable in vectors, fires, odors, blowing litter</li> </ol>				is applied and	maintain	ea where and	when require	a to control		
þ			<ol> <li>Intermediate cover material suitab 360-2-17(d).</li> </ol>	le in quali	y, of proper com	pacted thickness,					quired.		
	叉		18. Final cover system material is suit	able in qu	ality, of proper co	mpacted thickne	ss, and is app	lied and r	naintained. 36	30-2.17(e).			
_	ı raf		MONITORING  19. Monitoring wells are intact. 360-2.	17(a), sen	2 11 (a) (8) (v) (a)	11/0							
Į,			Monitoring wells are intact, 360-2.     Decomposition gases are monitor										
,	-		OTHER			•							
			On Continuation Sheet identify any of	ner violatio	ns.								

PLACING INT COVER ON TOP OF CERCS 152

Facility Copy of this Inspection Report sheet.

TECTY LUND
Individual in Responsible Charge (Please print)

Survey
Date
The Copy of this Inspection Report sheet.

The Copy is a second sheet.

I hereby acknowledge receipt of the

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)

Γ	FACIL	.ITY N	IAME,		1	LOCATIO	Ņ	•	FACI	LITY NUMBER	R DATE		TIME
1	147	la	Kh!	tac.1	4	Here	lman 1	ld Anne	11.00	7,511	7/0	13/1	1400
ľ	INSF	ςτο	R'S NAN	19 . 1	1-	CODE	PERSONS	INTERVIEW D A	AND TITLES	5		4	
	Ki	ر نوال و	> /	tintz	<u> </u>	_5							
ľ	REGI	ON V	VEATHE	R CONDITIO	IS .			DEC PERMIT	NUMBER		<i>.</i>		
1	9		$CL_{a}$	いタイ	Ko's.			19-07	132	1-1010	103	711000	2 92
ľ	SHEE	T		CONTINUA	N SHEET ATTAC	HED PAR	RT(S) 360-	14 1 1 1	-10			1/1 1 1	
		oF.	3	Ø Yes	□ No								Attached
_			Violation	s of Part 360	are Subject to Appli	cable Civil	Administrativ	e and Criminal 9	Sanctions S	et Forth in FC	1 Article 71	and as Appropr	
					and Clean Air Acts.	Additional	and/or Multipl	le Violations May	y Be Descri	ibed on the At	tached Conti		iate,
					This form is a rec			are observed in t n and do not me					
					PART 360 PERMI		ORDER ON		□ EXEM		OMPLAINT		
С	NI	٧		LITY MANAC									
3					anagement facility is I waste is monitored								
	of.		а	pproved for a	nanagement at the fa	acility:			_			- Year - 475 -	
	<b>2</b> 200 □				/Low-Level Radioact ogram. 360-1.14(e)(1		. 360-1.5(b); 3	360-2.17(m). 🖊	ו נישנ	TUEP	1 <i>I=D</i>		
<b>2</b> 20					t Approved Facility f is. 360-2.17(k).	or Specific	Wastes. 360-	1,14(r); 360-2.17	(l),(ρ)(1).				
	- E				6. 36-0-2.17(v).	-> <i>/</i>	NOT 1	ACCLIPTE	E 0.				
	<b>2</b>				Batteries, 360-2,17(w tains and operates f		conents and	equipment in acc	ordance w	ith the nermit	and their inte	nded use:	
翻				a. Maintenan	ce of Facility Compo	nents/Site				ig		M.	
					Equipment, 360-1.14 cords are available v		ited:				1.0		
			÷	a. Unauthoriz	ed Solid Waste Reco	ords. 360-1			4.5g	Tack Tild	7,		
			4	c. Permit App	lication Records, 36	0-1.14(i)(3)	a service.						1
200 200					Records. 360-1.14(i erator Records. 360-		- No	ik dail	17/wee	suls Re	epoch, C	esc IAIB	secondoes two pering
			i	<ul> <li>Fill Progre</li> </ul>	ssion Log. 3 <b>60-</b> 2.9(e	).		77,10	71	30	P	my you	T WORKING
	□ 236				achate Collection ar Vaste Site Plan. 360-		a ayarem Loga	s. 300-2.3(j/(3).	-				0
			ī	. Random V	aste Collection Vehi					3	- i - i - ;;;		
				RATION CON folid waste, in	TROL cluding blowing litte	r. is sufficie	ently confined	or controlled, 36	<b>60-</b> 1,14(i).	1-1	•		
<b>3</b>			6. E	ust is effective	ely controlled, and oppopulations are pre-	loes not co	institute an of	f-site nuisance. 3	360-1.14(k)		20 4 8 4 (I) - 15		
8					ctively controlled so						Collect	hin Sist	! em
<b>30</b>			WAT		oreweited from ante	ring surfac	a waters and/	or aroundwater	260 1 14/		(21,00)		
	Ġ				prevented from ente nimized through dra						ace waters. 3	60-1.14(b)(2); 3	360-2.1.7(g).
1987	135		ACCI		facility is strictly and	continuou	ely controlled	by foneing age	n sions n	atural bassions	os inchina nuite	abia monan 26	0.1.14(d)
20					facility is strictly and are passable, 360-1.			by lettering, gate	ss, signs, in	aturar parifers	of other suit	aule means. 30	0-1.14(a).
蘭				TE HANDLIN	G spread in layers 2 fe		- #bisluses -						
126	П	П	v	orking face a	rea is the smallest p	racticable.	360-2.17(b)(1	). `		100 mg		•	
<b>3</b>					s not exceed 10 feet ssion plan. 360-2.17		t least 4 perce	ent and no more	than 33 pe	ercent, and wa	istes are plac	ed and graded	in accordance
own.		_	15. 8	olid waste pr	eparation measures	and/or pre-		provided:					
	□ 1988		1	a. Stabilized/ b. Asbestos !	Dewatered Sludges. Vaste. 360-2.17(p)(3)	360-2.17(በ ). <i>ሌእ</i> ውፕ	). ACC (BATC)	eD					
9			,	. Pariks. 300	-2.17(r).	, -	"acci,						
	闡		16. E		terial is suitable in o	uality, of p	roper compac	ted thickness, a	nd is applie	ed and mainta	ined where a	กd when requir	ed to control
			٧	ectors, fires,	odors, blowing litter, over material suitabl	and scave	nging. 360-2.1	17(c).					
Ξ			_	00 0 474 11									
	3		IV. F	mai cover sy. ITORING	siem material is suita	spie in qual	ity, of proper	compacted thick	kness, and	is applied and	maintained. P(W4L	300-2.17(e).	IN PLACE
			19. A	lonitaring we	Is are intact. 360-2.1	7(a); 360-2	2.11(a)(8)(v),(c	;)(1)(i).					
Ц	Q)		OTHI		gases are monitore	ed and com	trolled, 360-2.	17(1); 360-8.3(c). LAS	coller	La 1	,دلاها		YET.
			On C	ontinuation S	neet identify any oth	er violation	.s. (	. مسارا عل		, , -,		,	1
	_		,	_	4	, ,	1 Î		$\mathcal{D}_{-}$	00	0.15	2/4	actel
	- 1	)es	in te	, (o	in sell	s Te	MUC	22S	JM	DIC.	-20 10	15 17	, , ,
	+	,		-				7	)	/		op osed	tobe
_	1	10		in	nost 1	1.m	AIN.	, /	ndoc	we	18 501	7	10
2	ンり	يستط	カン	) . //.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Λ	1.	1	00	aclo	but	- the
Ĵ	10	م بشب	'd '	6-	neet identify any oth  Weeks  105t 1  9/30/11  main.	1.	KAGSE	es mi	) b	مهر استان			*.
ک	12	<i>))</i> -	1-	1/_	1 1		•			i ha	reby acknow	ledge receipt o	f the
5	125	> <	<del>5</del> 1/	1_12	main .					Facility	Copy of this I	nspection Repo	ort sheet.
			_/		2 de >				۱	101	Doy	/LG3 ble Charge (Ple	
					/\$H\\				N	Individua	lin Respons) A	ble Charge (Ple	ease print)
_	-	/	بسط	- / ( nspector's Si	nature S	***************************************				nature	<b>V</b>		14/5/11
		ľ			0				(		1		. / Date

### 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]

Hydros	s. Facility	GCATION KNOWN PA	! Ange		(DV	CILITY NO P	01/31/	1400
INSPECTOR'S NAM	-inte	S	PERSONS INTE	RVIEWED AND	TITLES '	<b>.</b> , , ,		, -
REGION SHEE	of continue of S	IUATION SHEET AT	TACHED W	EATHER COND	DITIONS		UN DE	R ORDER
Violations of Par	t 360 are Subject	to Applicable C	ivil, Administ	trative and (	Oriminal Sa	nctions Set	Forth in ECL	Article 71.
Provide s	site sketches, clarificat	iolations May b ion, supplemental in	formation, locat	ions of photogi	raphs or samp	les and/or locat		ı <u>.</u>
	[Unco	orrected violations m	ust be described	d in detail and	located on a	sketch].		
//				M				
		/						
N - 11				بر // /				
				3///				
	(			3111				
				$\langle \langle \rangle \rangle / \langle \rangle$				
	(					*		
۱	$\int \int \int d^{3}x dx$							
12d DL					$t_{i,j}$			
201 = [	3/1/4	of / AUC		Control of the Contro	estilè-			()
		oste / AUC			and the second s		Theas	, The Mark
	1 {	Ir Ir					> (NCO	reved to
of 3 siderises		4	2	· ·			ا ایم ا	2 actions
ol3 snever	18	LA	to				pooling to	reved with seach with s
			tar 1				Pryse A.	,
	. *			e achale l	needor	b		
	Caula			earlies	he to	W -		
	1 Celly A.	)	Lack and	heidby a	icknowledg Proport sh	e recelpt of t leet.	the Facility Co	opy of this
	Inspector's Signatu	ire	below on s	Why see	Individual in I	Responsible Cha	urge [Please print]	
	spacer o orginate	·· <del>-</del>	Or					
				Signature			•	Date

### 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 HERSIMM Rd. An	1 *	FACILITY NO DATE	11 TIME
INSPECTOR'S NAME		INTERVIEWED AND TITLES		
REGION SHEET OF	CONTINUATION SHEET ATTACHED  Yes No	WEATHER CONDITIONS	15	UNDER ORDER  Yes A No
	e Subject to Applicable Civil, Adm Iditional Violations May be Noted			ECL Article 71.
	es, clarification, supplemental information, [Uncorrected violations must be des	locations of photographs or sa	mples and/or locations of vic	olations.
Call IAIB Seco	ndary 26.6 ind	ies — not wa	reling	
Call I DR MARCE	Alas meter leading	14		
North Leachde	and is bubbling. No	tsure working	conectly	
Concerns:	1-each to		: :	
	- breakorts or leadrate collection	n south slape	(mit cole)	below
	leadrite collaction	doch MUST	BE ADDICE	35 EP
	immediately!			
	- loce offert	antique on	sah slape	, hu le
		2 0 0 - ' 0 0 0 M	And the second	
	Need for reach I	ubbling " flow	in AROUNG	sone y ve
	neuty installed	wells.		
0012			1 4-	<b>1</b> 0
	_ On vaper mi weared. Intern	st souther	N Slape	K Newars
Č	incorned. Intern	nediate care	e needd.	<i>a i</i>
•	- protonding w	iste / UNCOVER	ed upote e her leachale	is pooling &
	- Bou Bless ha o in side riser y	If of top the hereby seknowle	And Flad dge receipt of the Faci	Jeels intermelia
Pum	oin side river y	Inspection Report	sheet B SCCW	Con, weeds
to be	tor's Signature  Thyed. It has	No Worklade	in Responsible Sharge Pleas	e parast 5-6
Week	(s.	Signature	J	Date

Facility 4/y/and landfill
Date & Time 10/13/4 1/:25-3:00
Weather Overcest 50's, Steady east wind -
Inspector John Munn Kovin H. VTZ
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION Cell 1 Riser valve leaking - stort dr. is
Cell 1 Secondary @ -26.7 - sensor? Cett "P. Ilow" needs to be veplaced - missing
Pond/breakost between Wells 7+9+3
Loachate breakouts on south slope below The trance
(in fre w westernedge of cell 4's laster edge
OBSERVATIONS/ CONCERNS/PROGRESS
· High level light in Cell 1/2 Rises Bonthal is lit.
Bubbles in Cell 3 Fiser Bldg - flow on loft channel @
>2.0 (maked out) Right channel @ 1.0 - What should
Cett Leachest Ponds - 1 gauge, Beft to right: 0.6, 1.0, 0.9, 0.4 seem What should they be?
Seem What should they be?
Weekly kachete inspections indicate All Pumps Working"
Yet Cell 1 A/B Secondary pump was pulled + inoperative
When something isn't "good" - is "fair" or "poor", note why in comments ( Refer to weekly self inspection form?
Whole 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 / D	13 11 Time	~11:45				Inspect	or M	NN	<b>→</b>			
	Cell 1 Primar	y Cell 2 Pri	mary	Cell 1 Sec	ondary A/B	Cell 1 S	Secondary C/D	Cell 2 Secondary E/F	Cell 2 Secondary G/H			
Reading	19.0	14.	14.7		-26.7		0.2	18.7	10.8			
		o Hi	Lo	Hi	Lo	Hi	Lo	Hi Lo	Hi Lo			
Limit		21.2"	8.6"	12" 20"	8"	12"	8"	12" 8"	12" 8"			
Alarm Set	24"	23.6"	Cell 2 Groundwater E/F			20"		20"	20"			
	Cell 1 Groundwate	· ·			Groundwater G/H		Notes: Leachate Ponds -					
Reading	Hi Lo		39.1		13.2		Top of Stonefloor betabasias is 4.3' MAN Operation Real is 13'					
Limit			Lo 8.6"	Hi 12"	Lo	MAD OPERAtion Redel is 13'						
Emm		"   21.2"	0.0	12	0							
	Cell 3 Primar		Cell 3 Secondary Bubbler / 3, 5		Bay 1 Primary		1 Secondary	Bay 2 Primary	Bay 2 Secondary			
					Bubbler 9.8		41	Bubbler //, Z	Bubbler 5.2			
Reading	Flow Control /C	Flow Control	14.)	Flow Control	10.0	Flow Contro	1 70.0	Flow Control 3,9	Flow S.O			
	200 CO	.o Hi	Lo	Bay 1 Stick	9-67	(Stick is 16')		Bay 2 Estimate				
Limit	20"   12	2" 20"	12"	Measure	1							
Cell 1&2 Riser Building:	Cell 1 Primary	Cell 2 Primary					Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water			
Warning Lights (check if lit)	Cell 1 E/F GW	Cell 2 G/H GW					Vault Flood	Heat Trace Failur	re Remote Pump			
(	, ,					/						
Cell 3 Riser Buildin	g:	***************************************	AC Pow	ver	High Level		Low Level	Loadout Inhibit	Primary Sump			
Warning Lights (check if lit)			Canan da	C	Station 2.1	1-	Variation d	D F14	II. A Torres Pail			
			Seconda	ary Sump	Station 2 L	еак	Vault Flood	Pump Fault	Heat Trace Failure			
Leachate Impoundm (check if lit)	ent Warning Lights	AC Power Failure	High Le	evel	Low Level		Loadout Inhibi	t Bay 1 Primary	Bay 1 Secondary			
Bay 2 Prim	Bay 2 Sec.	Station Leak	Pump F	ault	Loadout Ov	verfill	Heat trace Fau	t SRB Flood	Discharge Alarm			

7 F	-Tom Composer Kol-Kur Elec
	Tem Campiser Kor-Kur Etec
142	TESTED CELL 1 P/B SECONDATEG L'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 SECONDARY LOVEL TRANSDUCER - RE CALIBRATED
al B	CHECKED & SET CEU 3 PRI & SECONDARY
	BUBBLER AIR FLOW CONTROLS TO
,	B. SHOULD BE BETWEEN . 5 TO 1.0
	SOFM, FLOWS MAY VARY WITH LEVEL
1	BETWEEN MIN & MAX IN SUMP THE
	DIFFERENCE IN READOUT LEVELS WILL VARY LESS THAN I" WITH SOFM SET
	BETWEEN , 5 TU 1,00
MPOUNDME	T SET BUBBLERS AIR FLOW TO
Anna Paris P	T SET BUBBLERS AIR FLOW TO

### John Munn - Hyland odor complaint

From:

John Munn

To:

Munn, John

Date:

11/4/2011 8:42 AM

Subject:

Hyland odor complaint

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 @ 1030 5/w Justin Thaine 585-415-1521 Re asking to be

a nose for me.

Facility Hyland Landfill	
Date & Time 10/18/11 12 - 2pm	
Weather Party Cloud, Steady SW wind (Hag strong ht)	
Inspector John Man	
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION  MINON Leachate seeps on W slope ~ 5' west of HTW-14, ~ 25 E of CO-1  CGU 1 A/B Sensor READING - 34.7	_८3
Bigger Priority is south slope	3

#### OBSERVATIONS/ CONCERNS/PROGRESS

11:45. 12 00 Down Angelier (SD, Rd) + cep Beacock Hill to towler.

Sight oder noted along Beacock Hill from entrance to about 100 yets up Beacock Hill - Oder become stronger as I came up landfill entrance roadway - Noticealle along N perimeter road / please office fump / generator on well on S slope but no flow - no one manning. I shut generator.

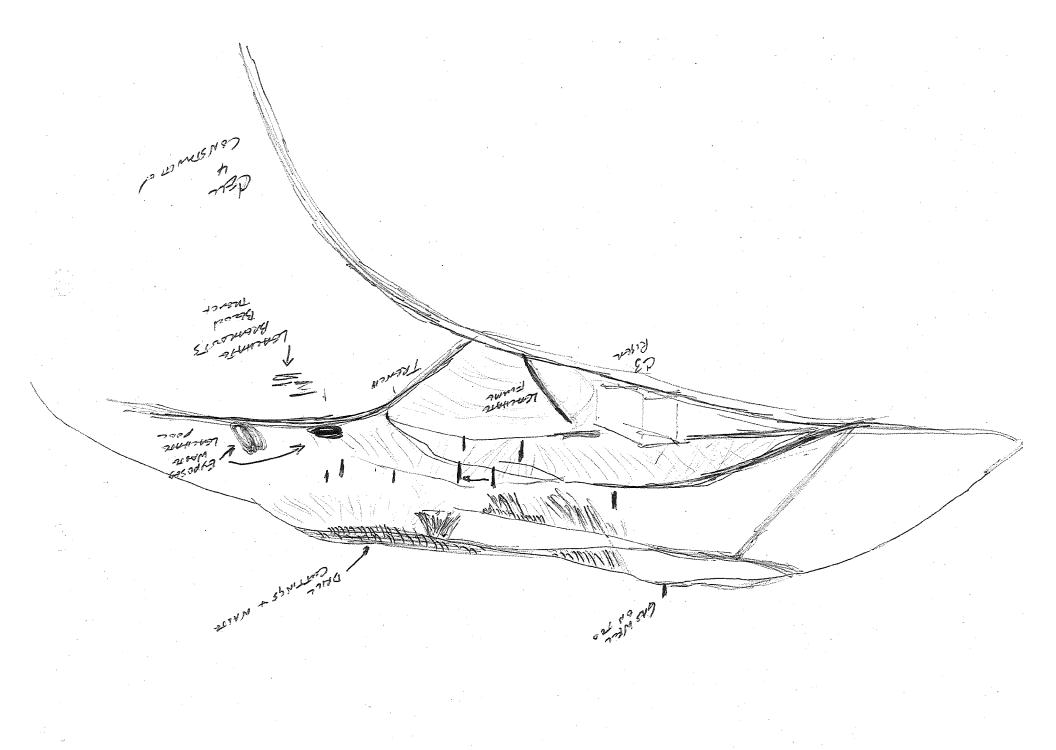
Drain hole has some flow in but draining very slowly beeping up w/ draining e hat not if thero's a rain storm a has to handle entire South slope!

Waste compaction + left on.

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/	/1) Time	12:30 1	in	Inspector MV NN							
. / /	Cell 1 Primary	y Cell 2 Pri	Cell 2 Primary		Cell 1 Secondary A/B		Secondary C/D	Cell 2 Sec	ondary E/F	Cell 2 Secondary G/H	
Reading	// /		13.6		-34.7		0.2		2-	8.3	
	Hi L	STATE OF STREET OF STREET, STR			Hi Lo		Hi Lo		Lo	Hi Lo	
Limit	20" 8	7.535	8.6"	12"	8"	12"	8"	12"	8"	12" 8"	
Alarm Set	24"	23.6"		20"		20"	ALCOHOL: CARONELLA AL	20"	Date of the second	20"	
	Cell 1 Groundwate		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H		Notes: High level light is on Cell I Primary from Senter o			nser drip	
Reading	17.8	3,4	3.4		11.4						
Limit	Hi L		Lo 8.6"	Hi 12"	Lo 8"						
-	Cell 3 Primary	y Cell 3 Seco	ndary	Bay 1	Primary	Bay	l Secondary	Bay 2 I	Primary	Bay 2 Secondary	
	Bubbler 1.4	Bubbler	136	Bubbler	8.4	Bubble	4,3	Bubbler	11.4	Bubbler 5.3	
Reading	Flow / / 5	/ Flow Control	LONG THE REPORT OF THE PROPERTY AND A SECOND OF THE PROPERTY O		8.6	Flow Control 4.1		Flow Control //, 2		Flow S,u	
Limit	Hi L		Lo 12"	Bay 1 Stick Measure	8-6	(Stick is	16')	Bay 2 Estimate	11-2	Bo Hom of Tin	
										INLET IS 1)	
Cell 1&2 Riser Building:	Cell 1 Primary	Cell 2 Primary					Cell 2 E/F Sec	Cell 2 G/H Sec		Cell 1 Grnd Water	
Warning Lights (check if lit)	Cell 1 E/F GW	Cell 2 G/H GW					Vault Flood		Trace Failure	Remote Pump	
Cell 3 Riser Building Warning Lights	<b>;</b>		AC Pow	er	High Level		Low Level	Load	out Inhibit	Primary Sump	
(check if lit)			Seconda	ry Sump	Station 2 L	eak	Vault Flood	Pump	Fault	Heat Trace Failure	
Leachate Impoundme	ent Warning Lights	AC Power Failure	High Le	vel	Low Level		Loadout Inhibi	t Bay	l Primary	Bay 1 Secondary	
(check if lit)	Lights Lit										
Bay 2 Prim.	Bay 2 Second,	Station Leak	Pump Fa	ault	Loadout Ov	verfill	Heat trace Fau	t SRB	Flood	Discharge Alarm	
1											



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

Date	Time													
	Cell 1 Primary		Cell 2 I	Cell 2 Primary		ondary A/B	Cell 1	Secondary C/D	Cell 2 Sec	ondary E/F	Cell 2 Secondary G/H			
Reading					•									
100 A	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	-	٠												
	Hi	Lo	Hi _	Lo	Hi	Lo								
Limit	20"	8"	21.2"	8.6"	12"	8"			•					
	Cell 3 Primary		Cell 3 Se	Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		condary		
	Bubbler		Bubbler		Bubbler		Bubble	er .	Bubbler		Bubbler			
Reading	Flow Control	eronis jenija svikace veluceč ik	Flow Control		Flow Control	-	Flow Contro	ol	Flow Control		Flow Control			
	Hi	Lo	Hi	Lo	Bay 1 Stick		(Stick is	s 16')	Bay 2 Estimate					
Limit	20"	-12" .	20"	12" -	Measure		100					Marie Marie (1995)		
Cell 1&2 Riser Building:	Cell 1 Primary	Cell	2 Primary	Cell 1 A	VB Sec	Cell 1 C/D	Sec	Cell 2 E/F Sec	Cell	2 G/H Sec	Cell 1 Gr	nd Water		
Narning Lights (check if lit)	Cell 1 E/F GW	Cell	2 G/H GW	2 G/H GW Low Lev		vel High Level		Vault Flood		Heat Trace Failure		e Remote Pump		
(Gheek ii iii)	."													
Cell 3 Riser Building Warning Lights	7.			AC Pov	ver	High Level	L	Low Level	Load	lout Inhibit	Primary	Sump		
(check if lit)			•		~					-	77			
				Seconda	ary Sump	Station 2 L	eak 	Vault Flood	Pum	p Fault	Heat Tra	ce Failure		
Leachate Impoundme	ent Warning Lights ACL		Power Failure	High Le	evel	Low Level		Loadout Inhibi	t Bay	1 Primary	Bay 1 Se	condary		
(check if lit)				The land the		Dow Level		Loadout minor		Bay 1 Primary		- Jimi j		
Bay 2 Primary	Bay 2 Secondar	y Stat	ion Leak	Pump F	ault	Loadout O	verfill	Heat trace Faul	t SRB	Flood	Discharg	e Alarm		

Facility Hyland Landfill
Facility Hyland Landfill  Date & Time 10/20/1, 12-2
Weather Mostly Cloudy - Strong winds, Pain larger ding. 40-50
Inspector John Munn
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION
- Focus ON THE SOUTH SCORE SURFACE LEACHATE
GAS LINES, SHAPING SLOPE FOR DEAINAGE.
- CELL 1/2 SOLDNORRY A/B SENSOR - PLEASE FIX
OBSERVATIONS/ CONCERNS/PROGRESS
Water truck blowing white exhaust.
1100 poheed Sawmill odor @ Main Rd in angelie + Peacoch Hill - by
Some lande II will Do oders in Angelia circle / So, Rd aven.
Some lands: 11 oiles on Peacock H.II between 1-86 + Entrance / Herdman
GET on sike w/ leachete line cleaning.
So. Buy draw down for cleaning / inspection
South stope leachete / exposed wask - still needs to be
focusad on.
Blowing plasme / wask on E slope
Packing / placement @ top of outside stope of cell 30
This form given to: TERRY LUND
This form given to: IERRY LUW

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

Date 10 20	Time	12:25	Inspector MUNN									
· · · · · · · · · · · · · · · · · · ·	Cell 1 Primar	y Cell 2 Pri	Cell 2 Primary		Cell 1 Secondary A/B		econdary C/D	Cell 2 Sec	ondary E/F	Cell 2 Secondary G/H		
Reading	16.3	//3.0			-34.7		0.2		18.3		10.1	
		o Hi 21.2"	Lo	Hi	Lo	Hi	- Lo 8"	Hi	Lo 8"	Hi	Lo	
Limit  Alarm Set	24"	21.2" 23.6"	8.6"	12" 20"	8"	12" 20"	O O	12" 20"	8	12" 20"	8"	
,	Cell 1 Groundwate	Cell	Cell 2 Groundwater E/F		Cell 2 Groundwater G/H						-	
Reading	149.3	2.7	2.7		12.9							
Limit	Hi         Lo         Hi         Lo           Limit         20"         8"         21.2"         8.6"             Cell 3 Primary         Cell 3 Secondary		Hi 12"									
and the property of the second streets of the second configuration of the second streets and the second streets			ondary	dary Bay 1 Primary		Bay 1	Secondary	Bay 2	Bay 2 Primary		econdary	
	Dalette	Poststalo-	18.0	Bubbler	12.3	Bubble		Bubbler	448.7	Bubbler	5.7	
Reading	Flow / Control / C	Flow Control	18,5	Flow Control	12.4	Flow Contro	4,2	Flow Control	8.5	Flow Control	5.3	
		o Hi	Lo	Bay 1 Stick	12-6	(Stick is 16')		Bay 2 Estimate				
Limit		2" 20"	12"	Measure		County County						
Cell 1&2 Riser Building:	Cell 1 Primary	Cell 2 Primary	2 Primary Cell 1 A		A/B Sec Cell 1 C/D		Sec Cell 2 E/F Sec		Cell 2 G/H Sec		Cell 1 Grnd Water	
Warning Lights (check if lit)	Cell 1 E/F GW	Cell 2 G/H GW	GW Low Lev		vel High Level		l Vault Flood		Heat Trace Failure		Remote Pump	
				i								
Cell 3 Riser Buildin Warning Lights	ıg:		AC Pov	ver	High Level		Low Level	Load	lout Inhibit	Primary	Sump	
(check if lit)	No.			ary Sump	Station 2 Leak		Vault Flood	Pum	p Fault	Heat Tra	Heat Trace Failure	
Leachate Impoundm (check if lit)	nent Warning Lights	AC Power Failure	High Le	evel	Low Level		Loadout Inhibi	t Bay	1 Primary	Bay 1 Se	econdary	
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump F	ault	Loadout O	verfill	Heat trace Faul	lt SRB	Flood	Discharg	ge Alarm	

Facility	Hyland Landfill	
Date & Time	10/25-/11 1245-615pm	
Weather	- Overcost - Slight drivile, Westerly wind,	50 8
Inspector	John Mung	
	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?

bosin. / the in to perturbe mains. die druge. Possible surces - over filled roath lade 5) 5411 moush John The source of the beachine Coulout i no SE sed, pend. 4) Ned gre lugerstore on dith may extrace to in terrest. rest where go pipe 4 gos well pine extension 3) Mud som cuch slope, just such i access \* pond ( lat boss) deened, a sediment removed \* det doned with the - Leed of teached soill remediation werd left. 1) Still weed & frinish fine construction - 2-2 days 1/22/01 WALM 2012/14 ma 00:01

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

Generator: Alvance Resource	DATE:	10-6-11
Name: M & T TRUCKING		ar ya kaba
CUSTOMER: Wat Trucking	<i>:</i> .	
HAULER: M&T TRUCKING	WASTE PR	ODUCTS:
DRIVER: woody	Clean C	t i d
TRUCK: 108		
TRAILER: 86 Louis	rock nerga	Coventa
SIGNATIRE: Warren wood	J	
FACILTY: HYLAND		t vi
6653 HERDMAN RD ANGLICA NY 14706 (585)466-7271		
SIGNATURE:		

DATE:

Facility Hyland hand hill
Facility Hyland hand hill  Date & Time 10/27/11 245-37pm
Weather Overcart / Ram, ly W smo D,
Inspector John Munn
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION
No ados noted on South Bre. Smell of Saw mill @ I-86
Inferval node I.86
No INSPECTIONS  Check of of Just a Sp. 4 Status  OBSERVATIONS/CONCERNS/PROGRESS
Cattails pend excavated lefter Reacrete spil.
Empound went Stone wash out will need to be Repaired.
repaired.
Spoke al Teny Sequence was Chester initiated pump transfor. Trucker was going to sheet it down Chester went out to Dr. appt. 3 did not return.
pump transfor. Trucker was going to sheet it down
Chester went out to Dr. appt. 3 did not return.
Trucke failed to Vetura @ End of Day to
Suit prup. Jailue to comme cate entler up a down
Smit prup. Jailue to comme te ester up a dowl trucker should not have been given regions bit to
Terry says procedure is now changed - he will have
This form given to:

### John Munn - Angelica Dump Odor

From:

"jlstuck@juno.com" <jlstuck@juno.com>

To: Date: <jrmunn@gw.dec.state.ny.us>

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

Facility tyland Landh!
Date & Time $\frac{10}{3}$ , $\frac{1}{11}$
Weather Overcast, 40: South wind
Inspector Joun Muna
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION
South slope - privity - lead lete in
Storm water rungs leacht cally cally
seeps 5
OBSERVATIONS/ CONCERNS/PROGRESS
Very stight oder on South Are. Also istee oder from Sawnte Willage circle. @ 11:45 mg. Not Certain of source of South Are oder-its so slight it may be due to passing trucks?  Soil in Cattails sed basin is removed. accumulated water
flowing into basin is marging the carry deten appears basins. Water flowing in the stormwater deten appears
Water is from the storm water basin into the outlet
overflows). Over needs general grading/sceeding to repair
Water flowing in Reachate Impacted ditch is running dear.
This form given to: Town Lunn

This form given to: Terry Lunn

Leacher pond - South boy is vetilling. Stone washout has not been repaired. Leacher level @ top & washout.

AU new work w/ placement of intermediate

Core in over 2-3 weeks - wet condetions

Samp wells on south slope. Gas ventry from surface many leachete seeps in upper plateau "30" west of from western most gar well.

Leachete is profing in the new cell construction Storm water dita that runs E/w along the north edge of cell 4

Some exposed weste on Eslope about '3 from top, outside slope

SE sed pond dramage detch/enluert at end of voad needs affention. - Some fabric is wanted out! Stone needs replacement.

Manage stone over enskur gestertide - about 1/3 w/ cushon gestert, stone @ 1/2

Structural foll between lines & draw is being placed. Rinery line "/2 uncovered w/ cushion.

On site Technical Suc on site to do sampling.

ges plan @ 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 /0/31/	/ Time	1-1.30 pm				Inspecto	or MU	NN		·	
	Cell 1 Prima			Cell 1 Seco	ondary A/B	Cell 1 S	Cell 1 Secondary C/D Ce		ondary E/F	Cell 2 Secondary G/H	
Reading	10.8	/3.	13.3		-31.7		0.2		2.6	9.4	
Magazia Karangan Sangan Karanga Karangan Karangan Sangan Karangan	Torrespond to the second secon	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	Cell 2	2 .	Ce	11 2	Notes:				-	
·	Groundwa	ter Groundwat	er E/F	Groundw	ater G/H	Bur	no Cell 1	Gr. Ales	s milled	1 to	
Reading	17.9	9.6		13	.0	, , ,	mp Cell 1 veple en dle locke 1/2 car	Slagor			
	Hi	Lo Hi	Lo-	Hi	Lo	Llean	de locke	20/0	low on	en on	
Limit	20"	8" 21.2"	8.6"	12"	8"	Cell	1/2 can	wet-l	unable to	Shut.	
	Cell 3 Prima	ry Cell 3 Seco	ndary	Bay 1 I	Primary		l Secondary		Primary	Bay 2 Secondary	
	Bubbler	J Bubbler	17.6	Bubbler	10.2	Bubble	50	Bubbler	9.7	Bubbler 5.3	
Reading	. Flow Control 4	7 Flow Control /	1811	Flow Control	10.5	Flow Contro	$1 \mid 9.9$	Flow Control	9.5	Flow S, 3	
	Hi	Lo	Lo	Bay 1 Stick	10	(Stick is	16')	Bay 2 Estimate	10'		
Limit	20"	12" 20"	12"	Measure	/ *	2 1122 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			10		
Cell 1&2 Riser Building:	Cell 1 Primary	Cell 2 Primary	Cell 1 A	A/B Sec	Cell 1 C/D	Sec	Cell 2 E/F Sec	Cell	2 G/H Sec	Cell 1 Grnd Water	
Warning Lights (check if lit)	Cell 1 E/F GW	Cell 2 G/H GW	Low Le	vel	High Level		Vault Flood	Heat	Trace Failure	Remote Pump	
(check if iit)					V	/			,		
Cell 3 Riser Building	•	<u> </u>	AC Pov	ver	High Level	1	Low Level	Load	lout Inhibit	Primary Sump	
Warning Lights (check if lit)						-			,		
(check if iit)		-	Seconda	ary Sump	Station 2 L	eak	Vault Flood	Pum	p Fault	Heat Trace Failure	
Leachate Impoundme (check if lit)	nt Warning Lights	AC Power Failure	High Le	evel	Low Level		Loadout Inhibi	it Bay	1 Primary	Bay 1 Secondary	
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump F	Sault .	Loadout O	verfill	Heat trace Fau	lt SPR	Flood	Discharge Alarm	
Day 2 I Inniai y	Day 2 Secondary	Station Doak	T ump I	walt	Douadout O	, ,,,,,,,,	1104 11400 1 40	5105	17004	2 Distriction 1 Marin	

### 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	6653 HE	RAMAN RD	FACILITY NUMBER	DATE	TIME
HYLAND O	LANDHIC		E/CA(TI.		92,5,1,7	10/1///	1230
INSPECTOR'S NAME	E	CODE	PERSONS IN	NTERVIEWED AND 1	TITLES		41
MARK	1.LANS	5	I	E BOYLE	3		
REGION WEATHER	CONDITIONS			DEC PERMIT NUM	BER		
9 65	of SUNNY			9-023	32 -1000	00311000	02
SHEET	CONTINUATION SHEET ATTACK	HED PART	(S) 360-				
	□ Yes D(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

GEDCOMPOSITE DIRAMAGE LAYER HAS BEEN INSTALLED OULL

APPROX 50% OF LANDFILL

CONTRACOR WAS PLACING STONE FOR THE PRIMARY SITE-

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

Individual in Responsible Charge (Please print)

Mah Hans
Inspector's Signature

Signature

Date

MH/KH/File

war-Releasablo....

### **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

Date:

October 14, 2011

Reporting Period:

September, 2011

Facility Monitor:

John Munn (JM) of 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.

Facility Syland land fill
Date & Time $\frac{9}{7} / n = 8^{-0} / 2^{-30} pm$
Weather Avercent, Min, led's, easterly wind
Inspector John Munn
OBSERVATIONS/ CONCERNS/PROGRESS
No odors noticed of site . On site odors are not
5trong -
Landfill liftel is minimal - Some @ working face and in
Strong- Landfill lifter is Minimal-Some & working face and in grass but not a problem. Waterways and dotakes are Clear / free of liber.
Progress is made on South Slope to addies fifthe leacher breakouts - Last ditch effort hole has been eliminated;
breakouts - Last ditch effort hole has been eliminated,
Stakes should for drawns to be installed by well william
Drill rig held up - no R permits being issued. Leaven
draine into ancher french going well.
Intermediate core being applied at present to north
top of cells 1+2. South side need cover) - grading +
Steeping not complete.
Work on intermediate cover + South slope
in progress -
This form given to: 1evry Lung  Some Mankers of tooks need to be done see be
Some minder a to be pread to be done - such

# Maintenance tarks i

Joil stockpile by South debentum basin #3 needs
to be seeded. Also previously seeded soil on
South side of pile has 1911s in need of correct present further
evosion. Should be done soon to establish grass.

Bulbs in Cell 1+2 pump ayoden need replacement
and system has sensors in need of celibration—
eyample—shows 46" of leachate in Cell 2 primary
and 50" in Cell 14/3 Seanday.

Bulbs on or cer

O Seachate desention in poundments need to be cleaned. Is there a schedule for this?

Facility fyland Landfill
Date & Time 9/14/11 33- 43- pm
Weather Sunny 70's westerly wind
Inspector John Munn
OBSERVATIONS/ CONCERNS/PROGRESS
No offsite oders.
Site generally litter free. Litter only on last
slope @ working tace.
Cell I A/B pump pulled for replacement.
Dition and surface waters are clear.
Soil being hauled to top of cells 132
for intermediate cover.
6 rolls of liner (secondary) placed in Cell 4
Construction work on Slope / contour of
che wise many 15 to be placed.
Work progresses on South slope on top of cells 1+2 for later 10 weller to be drilled on S. slope  This form given to: Terry Lung
top of cells 1+2 fer reter. To week w
This form given to: Terry Lunn
No Violations.

Facility Hyland Landfill
Date & Time $9/15/11 + 12^{30} - 3^{45}$
Weather Odescart, Cloudy, rain, 50's, West wind, Clearing
Inspector John Mung
OBSERVATIONS/ CONCERNS/PROGRESS
Me oders in angelica en tue village. Possible odors (very
feint) along leacock Hill by cell tower, but not certain.
Trash on sloper of exposed waste where digging gas
lines took place. Exposed weste trash on north a west slopes. Sloper need seed that grass cover -
Slopes, Stoper need seed/ togthe grass cover-
many are arecs.
Small leachate break out on North stope located @
Small leachate break out on North slope located @ midpout up/down slope @ westernost gas lines going
down hill.
- Filled line trench not volled leven - villing - needs grass.
Anding @ NW corner on foe of the west slope by gar well.
of gar plant dead grass I not covered.
of gar plant dead grass / not covered.
Tons of N+W slopes need grass corer-bare.
This form given to: Terry Lung

Cell 1/2 Reser Blog:

Cell 1 A/B secondary pump pulled for maintenance

Cell 3 - Jump lights to on

Leachase ponder Q "12"

Buy 1 sec. light to "on"

Low level light to "on"

Low level light to "on"

Rolls of secondary liner are uncovered (for ce 114)

Leachate chute for leachate dramage to sump
15 being hypassed.

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

	Time	14:10				Inspecto	or Joh	in M	uny	· · · · · · · · · · · · · · · · · · ·							
	Cell 1 Primary	Cell 2 Prim	Cell 2 Primary		Cell 2 Primary		Cell 2 Primary		Cell 2 Primary		condary B	Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	16.9		14.7		L	0.2			8.4	10.5							
Limit	Hi " Lo 20" 8"	Hi 21.2"	Lo 8.6" ·	Hi 12"	Lo 8"	Hi 12"	Lo 8"	Hi 12"	Lo 8"	Hi Lo 12" 8"							
Alarm Set	ડપ Cell 1 Groundwater	23 6 Cell 2 Groundwate	er E/F	ひ Cel Groundw		20 Notes:	- IN I A CAUTEM W	20 ws LiA	۲	20							
Reading	17.2	37.8		12.4	,	Ce	11 1 A/B2	Pumpe	control of								
Limit	Hi Lo 20" 8"	100 AND	Lo 8.6"	Hi 12"	Lo 8"	Ce	11 or News	SWITI	pulled for	ento. V replacement.							
	Cell 3 Primary	Cell 3 Secon	odomy	Bay 1 P	rimary		Secondary		2 Primary	Bay 2 Secondary							
Reading	Bubbler //2 Flow Control //3	Bubbler /	8,51 9,2	Bay 1 F Bubbler Flow Control	11.7 11.9	Bubble Flow Contro	4.3	Bubble Flow Contro	11.7	Bubbler S.5  Flow Control S./							
Limit	Hi Lo 20" 12"	Hi	Lo	Stick	12	ACTOR TO THE PROPERTY OF THE PARTY OF THE PA	stick is 12	Estimat Bey 2	ie i								
Warning Light Statu	ıs: Check if light	s are lit	(III (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)														
		C1 A/B Sec	C1 C/I	Sec	C2 E/F Se	ec	C2 G/H Sec	С	1 Ground Wt	r							
C1 E/F GW C2	G/H GW I	Low Level	High L	evel	Vault <del>No</del>	WFlood	Heat Trace I	Fail R	emote Pump								
AC Power Hig	gh Level I	Low Level	Loadou	ıt İnhibit	Primary S												
Second. Sump Star	ation 2 Leak	Vault Flood	Pump I	Fault	Heat trace		High Level	Øn St	a 2 Leak Qn	Water in Vault							

Facility Hyland Landfill
Facility Hyland Landfill  Date & Time 9/19/11 1145-245
Weather Odercast, Windy, 3N-5 Wind
Inspector John Munn
OBSERVATIONS/ CONCERNS/PROGRESS
Loads of soil placed on top of A/B cells-
Some grading was done. More work needed.
11/2 of leachete in ponds -
Lell 1 A/B secondary pump pulled - still ou
of suc. Wasting to new pump
Leachate sump 15 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

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 Pr				rimary		econdary /B		econdary /D		econdary /F	i	econdary /H			
Reading	3 19.4 15.6		19.4 15.6			19.4 15.6 0.2 INVI			INJA	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	Cell 2	Cell 2	Notes: Cell 1 A/B fump	on 196 Service
	Groundwater	Groundwater E/F	Groundwater G/H	- Pierra to be can	le cod
Reading	17,7	48.2	12.5	(Cell 18 Fransducer )	s out of ground.
	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	
	Bubbler	1.5	Bubbler	8,7	Bubbler	11.5	Bubbler	4.5	Bubbler	11.7	Bubbler	5.4
Reading	Flow Control	116	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 st	ick is 12'	Estimate			
Limit	20"	12"	20"	12"								

Warning Light Status: Check if lights are lit

	status. Check ii ng	<u> </u>		<del></del>		<del></del>	
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 Leyel	High Level	Vault Flow	Heat Trace Fail	Remote Pump	
,		W.	JAN.				
AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump			
	Of V	MAN V					
Second. Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat trace Fail	High Level On	Sta 2 Leak On	Water in Vault
		-					

Facility Hyland Landfill
Date & Time $\frac{9/21/11}{15-245}$
Weather Overcast, Cloudy "70°F, Swwind
Inspector John Munn
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION
Top cover for cells 1+2 3 leachate
gonding on South slope - per September
le Der Fram Joe Bayles
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 Sol
placed + graded- more work needed /to
be done. ASR Pile blended/graded
into surface

This form given to: Term Lun

Facility	Hyland Land fill
Date & Time	9/22/11 11 00 mm
Weather	Cloudy at Sun, 70 5 / RAIN!
Inspector	John Mana

### ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Cell 1 A/B Secondary pump needs to be installed,

Leachate breakouts on Boruth slope below thench.

Cell 3 bubbler Typlem is donn- no Control on

Cell 3 bubbler Typlem is donn- no Control on

Leachate pumping- Needs to be placed in

Service.

### OBSERVATIONS/ CONCERNS/PROGRESS

Brogress being made on drilling wells on South Stope to draw leachete, Soil placed on top of Cells 1 2 - grading book taking shape- more work to be done No offsite odors

This form given to: Fat Boylar Terry Lunn

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

Date 9/22/	Time	1:00 gm				Inspecto	or M	uNN		
	Cell 1 Primar	Cell 2 Prin	mary	Cell 1 Se			Secondary C/D		econdary //F	Cell 2 Secondary G/H
Reading	14.3	14.9		NOT	OPERATNE	0	7.2	18	F, 4.	11.1
	Hi L	o 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"	4.40	20"		20"		20"		20"
	Cell 1 Groundwate	13	er E/F	Cel Groundw	ll 2 vater G/H					A/B set to OH,
Reading	17.6	39,8		12	18	Cell	2 Second	ey@ 18.	4, Alexander	E sete 12, pinup
	Hi L	o Hi	Lo	Hi	Lo	15 8	78			
Limit	20" 8	" 21.2"	8.6"	12"	8"	Cell	3 Bubbler	- Zystem	not ope	nature - no cent.
	Cell 3 Prima	ry Cell 3 Seco	ndary	Bay 1 F	Primary	Bay 1	Secondary	Bay 2	Primary	Bay 2 Secondary
	Bubbler A	Bubbler St.	418	Bubbler	11.5	Bubble	4.5	Bubbler	11.2	Bubbler 5.4.
Reading	Flow Control M	Flow   F	1n	Flow Control	11.27	Flow Contro	90342/y	Flow Control	10.9	Flow Control 4.3
	Hi L	o Hi	Lo	Bay 1 . Stick	12	(Stic	k is 16')	Bay 2 Estimate		
Limit	20" 12	2" 20"	12"	Measure	14				12	
C1 Prim	C2 Prim	C1 A/B Sec	C1 C/D	Sec	C2 E/F S	ec .	C2 G/H Sec	C1	Ground Wt	r
C1 E/F GW	C2 G/H GW	Low Level	High Lo	evel	Vault Flo	d	Heat Trace	Fail Rer	note Pump	
										`
AC Power	High Level	Low Level	Loadou	ıt Inhibit	Primary S	Sump	Warning L	ight Statu	s: Check if	lights are lit
							Notes: (el	3-bull	les of not	running- no aid
Second. Sump	Station 2 Leak	Vault Flood	Pump F	Fault	Heat trace	e Fail		•	<del>(6)</del>	<b>,</b>
					·					

reachable lights - Pray secondary light

# 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)

Γ	FACIL	JTY N	AME	LOCATIO	N		FACILITY NUMBER	DATE	TIME
	11.		MO LANDFILL	120	<b>.</b>	ACC	0.28117	10.9	2.7.1.11.3.1.0
-	INSPE		R'S NAME	CODE	PERSONS I	NTERVIEWED AND	TITLES	0110	11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1
				11					0
-		74		1-1	7ER			700S	Suff-RVISON
1	REGI	ON V	VEATHER CONDITIONS 70 'S	SW U	UND	DÉC PERMIT NUM	MBER		
1000	9		11000 3 RAN -PC	11AR	N.	19-10-213	3121-10101	110131	10000121-1
-	SHEE	T	CONTINUATION SHEET ATTA	CHED PAR	T(S) 360-			210101	19 9 9 9 9
	,								
		_OF	Yes DANO						Attached
		,	Violations of Part 360 are Subject to App	licable Civil,	Administrative	and Criminal Sand	tions Set Forth in ECL	Article 71, an	d as Appropriate.
			the Clean Water and Clean Air Acts	. Additional a	and/or Multipl	e Violations May Be	Described on the Attac	ched Continu	
							ield at the time of inspension of the time of inspension has occurred		
					ORDER ON C			MPLAINT	
_	NI	v	₩ PART 360 PERM FACILITY MANAGEMENT	III 🗀	ONDER ON C	ONSENT L	EXEMPT   COI	AFLAINT	
ź	In In	Ď	Solid waste management facility in the second	s authorized	and manage	ment occurs within a	approved areas, 360-1.5	5(a): 360-1.7(	(a)(1).(b): 360-8.3(d).
-			2. Incoming solid waste is monitored						
_		_	approved for management at the	facility:		Nogo	ALECOTED		
<b>24</b>	<b>X</b>		Hazardous/Low-Level Radioac     Control Program. 360-1.14(e)	tive wastes. '1)	360-1.5(b); 3	60-2.17(m). 75°	, ACCO   1-2		
溟			c. Department Approved Facility		Wastes. 360-	1.14(r); 360-2.17(l),(g	o)(1).		
	寒		d. Bulk Liquids. 360-2.17(k). 🖊	T ACCEP	T&20				
	<u>S</u>		e. Whole Tires. 36-0-2.17(v). //a						
ч	PA	L-1	<ol> <li>f. Lead Acid Batteries. 360-2.17(</li> <li>3. Operator maintains and operates</li> </ol>	facility comp	onents and e	quipment in accord	ance with the permit an	d their intend	ded use:
4			<ul> <li>Maintenance of Facility Comp</li> </ul>						
Ø			b. Adequate Equipment. 360-1.1						
Ø			<ol> <li>Operational records are available</li> <li>Unauthorized Solid Waste Record</li> </ol>						
異			b. Self Inspection Records. 360-		(.)(.).				
	Z		c. Permit Application Records. 3						
□ %⊒	<b>⊠</b>		<ul> <li>d. Monitoring Records. 360-1.14</li> <li>e. Facility Operator Records. 360</li> </ul>						
Z			f. Fill Progression Log. 360-2.9(						
<b>P</b>			<ul> <li>g. Primary Leachate Collection a</li> </ul>	ind Removal		. 360-2.9(j)(3).			
□ <b>S</b> s	<b>183</b>		<ul> <li>h. Asbestos Waste Site Plan. 366</li> <li>i. Random Waste Collection Vel</li> </ul>			250 2 17/~)			
200	1.1	L	OPERATION CONTROL	ncie mspecu	on necorus.	300-2.17 (q).			
<b>(</b>			5. Solid waste, including blowing litt	er, is sufficie	ntly confined	or controlled, 360-1	.14(j).		
Ø			<ol><li>Dust is effectively controlled, and</li></ol>	does not co.	nstitute an of	f-site nuisance. 360-	1.14(k).		
Z,			7. On-site vector populations are pro						1600
~		Ų.	<ol> <li>Odors are effectively controlled s</li> <li>WATER</li> </ol>	o maraney u	o not constitu	ite a muisance, 300-	1.14(11). 700 25-7241	- 0,000	Medel
K			Solid waste is prevented from ent	ering surface	waters and/	or groundwaters, 36	0-1.14(b)(1).		
20			10. Leachate is minimized through dr					e waters. 360	0-1.14(b)(2); 360-2.1.7(g).
			ACCEDO						
20			11. Access to the facility is strictly an			by fencing, gates, s	igns, natural barriers o	other suitab	ile means. 360-1.14(d).
M			<ol> <li>On-site roads are passable. 360-1</li> <li>WASTE HANDLING</li> </ol>	.14(n); 300-2	2.17(S).				
14			13. Solid waste is spread in layers 2	feet or less in	thickness, p	roper compaction is	achieved with 3 passe	s of appropri	iately sized equipment, and the
,			working face area is the smallest				abmorea mare pacce	a or appropri	acory sizes equipment, and the
×			14. Lift height does not exceed 10 fee		least 4 perce	ent and no more tha	n 33 percent, and wast	es are placed	and graded in accordance
			with fill progression plan. 360-2.1 15. Solid waste preparation measure:		autions are n	rovided:			
葱			a. Stabilized/Dewatered Sludges			i o viaca.			
	×		b. Asbestos Waste. 360-2.17(p)(	3). Not	ACCEPTE	<b>₩</b>			
	æ		c. Tanks. 360-2.17(r).						
श्रद्धा			COVER  16. Daily cover material is suitable in	quality of or	oner compos	ted thickness and is	s annlied and maintein	ad where and	t when required to control
تعبي		-	vectors, firas, odors, blowing litte	r, and scaver	nging. 360-2.1	7(c).			
A			17. Intermediate cover material suitate 360-2.17(d). WORK IN	ole in quality,	of proper co	mpacted thickness,	and is applied and mai	ntained wher	e and when required.
	×		360-2.17(d). WORK /W  18. Final cover system material is sui	PROGRA	tu of proport	TKOCEEDI.	ry vere	anintained of	60 3 17(a)
۵	)PI	L,I	MONITORING	renia ili digil	iy, or proper	compacted internes	a, and is applied and if	ionitaliieu. St	10-2.17 (°).
	Ø		19. Monitoring wells are intact, 360-2	.17(a); 360-2.	.11(a)(8)(v).(c	)(1) <b>(i</b> ).			
<b>)</b>	. 🗀		20. Decomposition gases are monitor						
			OTHER						
			On Continuation Sheet identify any ot	her violations	5.				

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

Individual in Responsible Charge (Please print)

ire T

Date

Facility ffyland landfill
Date & Time 9/29/4 9:40 - 12:15
Weather Cloudy 602, RAIN
Inspector John Munn
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION
- Cell I A/B Secondary pump not running - levell
41.8, Setpoint is 20" to run. Should be running
based on control, not running based on flow meter.
- One well appears to have leachase @ ground level
Observations/concerns/progress  Odors noted on upper half of fearock ## (between 1-86 Bridge + landfill entrance) of leacock ##11. Odo were not strong but noticeasle
1.86 Bridge + landfill entrance) of leacech Ail. Odo
were not strong but noticeasle
9:40 - No oders in angelier south of I 86 Bridge
Hydro seed done over previous weakened. OH seconday line
Hydro seed done over previous weakened. OH secondary Ima
South slope is improving - significent progress seen with cover 3 sunface drying.
Seen with cover 3 sunface drying.

This form given to:

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

• /	Cell 1 Prima	11:15 A		Cell 1 S	econdary	·	Mun econdary	Cell 2 Se	econdary	Cell 2 S	econdary
	Cen i i i ini	Cell 2 Pr	imary		/B	I .	/D	E			/H
Reading	17.2	15.6	<b>9</b>	41.8		0,2	2_	18.	7	8.1	•
		л Ні I	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	- 20" 8	3" 21.2"	8.6"	12"	8"	12"	8".	12"	8"	12"	8"
Alarm Set	24"	23.6"	i merenin	20"		20"		20"		20"	
	Cell 1 Groundwate	. Cell er Groundwa			ll 2 vater G/H	Notes: 7	No Any (	Ci) over	re Unil	To Premp	Not he
Reading	17.2	37.1	i	12.	·y		, ,			J	
	Hi L	o Hi	Lo	Hi	Lo						
Limit	20" 8	21.2"	8.6"	12"	8"				-		
	Cell 3 Prima	ry Cell 3 Sec	ondary	Bay 1 I	Primary	Bay 1 S	econdary	Bay 2 I	Primary	Bay 2 Se	econdary
	Bubbler 2.	Bubbler ,	15.8	Bubbler	11.1	Bubbler	4, 3	Bubbler	11.2	Bubbler	5.4
Reading	Flow Control 2.5	Flow Control /	6.3	Flow Control	11.3	Flow Control	4.1	Flow Control	11.0	Flow Control	5.2
	Hi I	o Hi	Lo	Bay 1 Stick	W 11 1	(Stick	is 16')	Bay 2 Estimate			
imit	20" 1	2" 20"	12"	Measure	11-6				(1		
1 Prim	C2 Prim	C1 A/B Sec	C1 C/I	) Sec	C2 E/F S	ec (	22 G/H Sec	C1 (	Ground Wt	r	
1 E/F GW	C2 G/H GW	Low Level	High L	evel	Vault Flo	od F	leat Trace l	Fail Rem	note Pump		
			i					V <sup>2</sup>			
C Power	High Level	Low Level	Loador	ut Inhibit	Primary :	/ -	Varning L	•	: Check if	lights are	lit
1.0	G4-4: 2 T - 1	X714 E1 1	n- 1	D14	II		Notes: Thon	ll move			
econd. Sump	Station 2 Leak	Vault Flood	Pump	rauit	Heat trac	e ran					
	in this he ladel			out Inh.	,	ri wan		re. The			

MH/RH/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:

September 9, 2011

Reporting Period:

August, 2011

Facility Monitor:

John Munn (JM) decy

#### 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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> 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 & 1/1/11 21-0pm. 02517

- Leachete pool offer hole deg on south
slope on 2nd level.

- Now goo wells being wish Med. (vertical wells)

- Leachete levels in both pends obers. Molling progress

- Leachete levels in Cell Z premary at 104

Ove to electrical sheet / burnt wise on

Fo: day.

FACILITY: Hyland landfill
DATE & TIME: August 2, 2011
WEATHER CONDITIONS: Sunny, 70°s-80°s, SW to W to NW WIN
INSPECTOR'S NAME: John Munn, Mary Mc INtosh
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Wa ong
Cell 2 frimary @ 94.3" front @ 23.6 - level decrease
Cell 2 Primary @ 94.3", limit @ 236 - level decreasing from 8/1 inspection following service - No lights
Trom of mypeone of
Call 2 Grandwater 62 30" alarm set for 22" No litet
Cell 2 Grandwater @ 30", alarm set for 20", No 1, hts Cell 3 High level warning 1,54+ 3 Station 2 leak on High kell or
Cell of they was his 1,547 & sianon & real on Arguneres of
Leachate pends look good
Litter looks good
Hust Control being employed.
Jurface water look good.
Jonth Stope work in progress to address
pooling leachate
Gas wells being Ir. Head

This form given to: Towy Lunn

FACILITY: Hyland
DATE & TIME: 8/17/11 3 00 5 pm
WEATHER CONDITIONS: Sunny 80°
INSPECTOR'S NAME: John Munn / Kevin How to
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Last Ditch Drain" over flowed into surface water
basin; contaminating surface water of drawage.
Basin being pumper - too Slow - need to pump
into a tanker 3 remove
Jeachate impoundment bubble system on N'impound
ment says 9.5' but the pond stick shows 6/2"
of exposed stick, indicating 51/21 of leachete.
disconnect between physial measurement +
electronice
Progress : drain in Cell 4 ; geofyh le / c/ay are
being placed.
gas plant scheduled to be down 8/17 8 AM 11 MM
This form given to: Arca / 4 m -

FACILITY: Hyland
DATE & TIME: 8/19/11 10-115 Am
WEATHER CONDITIONS: Sunny 80°
INSPECTOR'S NAME: John Mung
•

### VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

deachate overflow into po sedbasion is being addressed - Sed basen is being purped with Cleanost. Fast ditch effort" leachete interception will be filled. Thench installed across Slope to intercept rund into Stone/ leachase collection on west sloped cell 3A by road. South slope being dozed to remove drawage intercepts Stick measure may be @ 16', not 12' ta 11 as we Thought, explaining the difference between bulller system & stick @ N leachate fond. - To be veritied corrected when good to drawed. Hogness being made.

This form given to: levy lun



# 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 NYCHR Subpart 360-2

SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT (For Use at Mixed Solid Waste Landfills, Industrial/Commercial Waste Monofills, or Ash Residue Monofills)

	FACIL	JIT INA	OVIE	LUCAIR	314		FACILI	IIY NUMBER	DATE		IIME
-	4	112	NO CANDRILL	ANA	ELICA	NY	012	2 S 1 17	01812	14111	1430
Ī	INSPÉ	CTOR	'S NAME	CODE	PERSONS I	NTERVIEWED AND	TITLES		L-T		
1	7	-			1 -				^		
-	<u> ₩</u>	11/20	Muss	14	TERR	J LUNN DEC PERMIT NUN	) PE	RATION	SJUPE	FRUISO	<u>r</u>
	REGIO	W NC	EATHER CONDITIONS		/						
1	9	1	WERRALT "7. STRAN	195 W.	1003/	9-023	2.2 .	LALA LA	N. A. 2	0.0.0	
-	SHEE		CONTINUATION SHEET ATTAC		RT(S) 360-	7-0-2		-1001016		010101	0 -
	3: ILL			neb FA	11(3) 300-						
	1	OF_	3 X Yes 🗆 No								Attached
L.									********		
		V	olations of Part 360 are Subject to Appli								(8,
			the Clean Water and Clean Air Acts.			re observed in the fi				ion Sneet.	
						and do not mean n					
			Ø PART 360 PERMI	т 🗆	ORDER ON C	ONSENT []	EXEMPT	. 🗆 coi	MPLAINT		
С	NI	٧	FACILITY MANAGEMENT								
ĸ			1. Solid waste management facility is	authorize	d and manager	ment occurs within a	pproved	i areas. 360-1.5	5(a); 360-1.7(a)	(1),(b); 360-8	.3(d).
			<ol><li>Incoming solid waste is monitored</li></ol>		ol program for	unauthorized waste	, and so	lid waste mate	rials accepted	are those aut	horized and
	Ħ		approved for management at the fa	acility:	200 1 5/5) 2	00 0 17(m) Alla	- 4/-	- 0			
8		_	<ul> <li>a. Hazardous/Low-Level Radioact</li> <li>b. Control Program, 360-1,14(e)(1</li> </ul>	ive wasie:	S. 360-1.3(D), 31	00-2.17(III). Ny M	- NO	HICEPTE	TD .		
25			c. Department Approved Facility f		Wastes, 360-1	.14(r); 360-2.17(l),(p	0)(1).				
	×		<ul> <li>d. Bulk Liquids, 360-2.17(k).</li> </ul>	7							
	<b>≥</b> <b>≥</b>		e. Whole Tires. 36-0-2.17(v).	. ኣ ~/	A - NOT	ACCEPTED					
	(A)	_	e. Whole Tires. 36-0-2.17(v). f. Lead Acid Batteries. 360-2.17(w 3. Operator maintains and operates fr	ر. acility com	ponents and e	quipment in accorda	ance with	h the permit an	d their intende	d use:	
20			a. Maintenance of Facility Compo	nents/Site	Grading, 360-1						
×			b. Adequate Equipment. 360-1.14	(f)(2). 5	CE NOTE						
Ø			<ol> <li>Operational records are available value.</li> <li>Unauthorized Solid Waste Records.</li> </ol>								
Z)	<u></u>		b. Self Inspection Records, 360-1		.14(1)(1).						
_	<u>-</u>	_	c. Permit Application Records. 36		).						
	<b>E</b>		d. Monitoring Records. 360-1.14(i								
Z			e. Facility Operator Records, 360-								
氢			<li>f. Fill Progression Log. 360-2.9(e g. Primary Leachate Collection ar</li>		l System Logs	360-2.9(i)(3)					
	28		h. Asbestos Waste Site Plan. 360-	2.17(p)(2)	M/A-	45BESTOS N	OT Ac	CEPTED			
$\triangleright$			<ol> <li>Random Waste Collection Vehi</li> </ol>	cle inspec	tion Records. 3	360-2.17(q).					
			OPERATION CONTROL					en - 1 -			
×			<ol> <li>Solid waste, including blowing litte</li> <li>Dust is effectively controlled, and</li> </ol>	r, is suffici	ently confined	or controlled, 360-1.	.14(j). •	est nove	•		
<u>z</u>	_	_	On-site vector populations are pre-						1.14(1).		
(28			8. Odors are effectively controlled so								
			WATER								
2			<ol><li>Solid waste is prevented from enter</li></ol>								
M			10. Leachate is minimized through dra	inage com	trol or other me	eans and is prevente	ed from e	entering surfac	e waters. 360-1	I.14(b)(2); 36(	)-2.1.7(g).
-08	_	_	ACCESS								
周			<ol> <li>Access to the facility is strictly and</li> <li>On-site roads are passable. 360-1.</li> </ol>			by rencing, gates, si	gns, nat	ural Darriers of	otner suitable	means. 360-	1.14(d).
		_	WASTE HANDLING	14(11), 000	2.17(3).						
M			13. Solid waste is spread in layers 2 fe	et or less	in thickness, p	roper compaction is	achieve	d with 3 passe	s of appropriat	ely sized equ	ipment, and the
			working face area is the smallest p	racticable	360-2.17(b)(1)	).					
ব			14. Lift height does not exceed 10 feet		at least 4 perce	nt and no more than	1 33 per	cent, and wast	es are placed a	ind graded in	accordance
			with fill progression plan. 360-2.17 15. Solid waste preparation measures		cautions are n	rovided:					
8			<ol> <li>Stabilized/Dewatered Sludges.</li> </ol>	360-2.17(	n).						
	8		<ul><li>b. Asbestos Waste. 360-2.17(p)(3)</li></ul>	. 4/F	- NOT A	cctosts					
	E		c. lanks, 360-2.17(r).	.,							
*-	_	-	COVER								
<b>23</b> ,			<ol> <li>Daily cover material is suitable in ovectors, fires, odors, blowing litter,</li> </ol>				applied	and maintaine	ea where and v	vnen required	to control
×			17. Intermediate cover material suitable	e in qualit	, of proper cor	npacted thickness, a	and is a	oplied and mai	ntained where	and when req	luired.
			360-2.17(d).								
	<b>6</b> 6		18. Final cover system material is suita	ible in qua	lity, of proper o	compacted thickness	s, and is	applied and m	aintained. 360	-2.17(e).	
			MONITORING								
□ <b>≥</b> a	 .ख		19. Monitoring wells are intact. 360-2.1					In more			
<sub>P</sub>		H	20. Decomposition gases are monitore OTHER	u and cor	ni olieu. 300-2.	(r(i), 300-8.3(c). 3	GE #	UTE			
			On Continuation Sheet identify any oth	er violatio	ıs.						

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

Individual in Responsible Charge (Please print)

Signature

Date

#### 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	J				FACILITY NO.	DATE	TIME
			•	. اد ح	1				1/14/30
HYZAND LAND	MLL	FIN	4621		7—		025117	00211	11700
INSPECTOR'S NAME			CODE	PERSONS II	NTÉRVIEV	VED AND TITLE	- <del></del>	_	
JoHN Mu.	NN		M	Tenn	y L	und,	MERATIONS	Sugaris	(e) L
	OF CONT	TINUATION	SHEET AT	TACHED	WEATH	ER CONDITION	is	U	NDER ORDER
9 2	<u> 3</u>   🏻	Yes 🗌	No		10 "	Crous	7		Yes 🗷 No
Violations of Part 360	) are Subjec	et to Appl	icable (	Civil Admi	nietrativ	e and Crim	/ inal Sanctions S	ot Forth in Fi	CL Article 71

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 13 down for a boot a week.

  Spraying being done by on-site construction contractor. Orday,

  of audit, dry conditions and strong winds caused significant dust.

  Dust does not carry of f-site due to distance of neighbors.

  Excavaroas Both excavators are out of service, and needed to

  manage/correct current leachate drainage groblems.
  - 5. Blowing litter is not being managed. Strong wind quests 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 hitter need to be improved.
  - 6. Dust CONTROL IS SpOTTY. THE CONSTRUCTION CONTRACTOR IS TAKING CARLE 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 DOORS ARE NOTED DEF-SITE, RECENT DIGGING INTO WASTE CREATED SIGNIFICANT ODORS, ODORS STRONG ATTHE WORKING FACE, BY GASLINE TRENCHES RECENTLY EXCAVATED AND RECOVERED, AND AT LEACHASTE PONDS/SEEPS ON SOUTH FACE
  - 17. Caus 1.2 Hove ADC COVER AND ARE STILL AN ACTIVE PORTION OF THE LAMB FILL. 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 ARC ESCAPING FROM LEACHATE POOLS / TRENCHES

    DUG IN THE WASTE, AND AS SUCH ARC UNCONTROLLED; (LANDFILE

    COLLECTS GAS POR ENERGY RECEVENCY)

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

John Berkung Sen	TERRY LUND	
Inspector's Signature	Individual in Responsible Charge [Please print	
	Signature	Date

#### 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

		Continuat	ion snee		•	
FACILITY NAME	LOCATIC	N		FACILITY NUMBER	DATE	TIME
HYLAND LANDFIL.	e ANG	Crica 1	NY	02517	0181214	11111430
INSPECTOR'S NAME	CODE	PERSONS INTE	RVIEWED AND .	TITLES		
Losso MUNN	M	TERR	4 LUN.	N DICKATA	Posts Su	PLAVION
REGION WEATHER CONDITIONS	STN	W/S DE	C PERMIT NUM	BER	74.	
9 PUENCAST 7			1-102	3,2-10,0,0	0,0,3,00	01010121-1
SHEET CONTINUATION :		T(S) 360-	1. 1. 1.		1 1/1	
3 of 3   Yes to	No					Attached
01   1103 /gal 1				and the same of th		Attached
Provide site sketches	Additional Violation s, clarification, supplement (Uncorrected violation)	opropriate, the Cless May Be Noted on tal information, local on must be described.  O Currac	an Water and Cl in Sheet One of to cations of photo- ibed in detail and	ean Air Acts. his Inspection Report. graphs or samples and d located on a sketch).  RECTI VE AC	or locations of vio	olations.
WATER RUNOI	F ON Son	TH SLOPE	- 0 2	CACHARE B	BREAKOS	15 BN SouTH
						HE TOE ON THE
SLOPE ALLOW	S LEACHTAY	2 70 EM	STEN / 13	BECOME Su	AFACE V	VATER RUN-OI
@ A LEACHATE	- DRAIN DV	ER FONE	ONA O	REZEASED	LEACHT	HE INTO
SURFACE RE	en-ork on	8/14/1	AH	EAVY RAIN	STORM (	CURRECTIVE ACTION DO
DI THE TOP OF	= CELLS 19	2 GENE	NOTE 120	EACHATE O.	est or No	ECESSITY BEER
THE SURF	A CE DOES	Not Hm	ove AN	INTERIM 6	loven.	,
Flooded (F)	O LES	contrate scitte Brem scitte Brem	eost of	CALSTATE CE	+	- STONE CEUZ CEUY
LEACHT	TRENCH			Drain		TIEIN
	met de la company		indome		,	
Dines (	EXPOSED WIS	572	FACE	05Ey 431Z-		
N		WELL -				
	7					
	Toe or was to				\	
DE LEACHAR BRE	· · · · · · · · · · · · · · · · · · ·	a.TH S.	NOF R	LACE TE		
(a) I WACHAG PUMP -	CELL Z PRI	MARY @	16 apm	I her	eby acknowledge opy of this Inspec	receipt of the tion Report sheet.
ELLACHAG PUMP- CELL 2 PRIMARY	@ 47" W	MIT IS ~	209	TERN	y Lun.	
1	, )			Individual	n Responsible Ch	narge (Piease print)
When Barhand N	Lan			Term	in	
Inspector's Signal	ure			Signature		Date

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

Date $8/29/$	/( Ti	me /	1300				Inspecto	or Mc	ens/f	IINTZ	
	Cell 1 F	rimary	Cell 2 I	•	A	econdary /B		Secondary C/D	E	econdary E/F	Cell 2 Seconda G/H
Reading	9,0	)	47	194TS	Ser G	.57	8	1.2	18:	D D	8.4
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	+Lo	Hi	Lo	Hi Lo
Limit	20224	8"	24.2"	8.6"	42 <sup>12</sup> 44	8"	122	8"	سنند .	.8"	1224 87
n examinaria (nos unio late) (sexinos estruturas e 183) las recentares.			23.6		w	Strictle Strictles Strictles	10		70		
	Cel Groun		Ce Groundy	vater E/F		ll 2 vater G/H	Notes:	Riser A	1891 - es 561	- To Au	TE
Reading	45	45:9		9.6		Notes: Risch Bleg 1 - All Switches SET To Austo Collegendary Elf Permo not running - 1 m. +@12,@18 what are light's set at? Leak @ Coll Literar value and					
	Hi	Lo	Hi	Lo	Hi	Lo	what	race light	s ger aus.	Sin - E	
Limit	20"	8"	21.2"	8.6"	-12"	8"	Cell2	prim pumping	5e "16 51"	•	
				To the state of th	T C C C C C C C C C C C C C C C C C C C	1 May 2 mo Ca. 120 20 20 11 hours of care 1					
an in the second symbol part of	Cell 3 I	rimary	Cell 3 Se	condary	Bay 1 I	Primary	Bay 1	Secondary	Bay 2	Primary	Bay 2 Seconda
No layer	Bubbler	15,6	Bubbler	13.0	Bubbler	8,8	Bubble	* 4,4	Bubbler	11.4	Bubbler 4.9
Reading 0	Flow Control	15.4	Flow Control	13.6	Flow Control	9.1	Flow Contro	1 4.2	Flow Control	11.3	Flow 4.3
Limit	Hi 20"	Lo 12"	Hi 20"	Lo 12"	Stick	~Q	-	stick is 18'	Estimate		
Warning Light St		if lights a	re lit				EALHATI	ther to a	HTS ON		
C1 Prim	C2 Prim	C1	A/B Sec	C1 C/I	D Sec	C2 E/F S	ес	C2 G/H Sec	C1	Ground Wt	tr
C1 E/F GW	C2 G/H GW	Lov	v Level	High I	Level	Vault Flo	)W	Heat Trace	Fail Rer	note Pump	
,							e.				-
AC Power	High Level	Lov	v Level	Loado	ut Inhibit	Primary S	Sump				
Second. Sump	Station 2 Lea	ak Vai	ılt Flood	Pump	Fault	Heat trac	e Fail	High Level	On Sta	2 Leak On	Water in Vau
				- 4111		1111111111111		-11-511 20 1 01	544		,, a.o. iii 7 aa

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:

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.

	FACILITY: fyland Landfill
	WEATHER CONDITIONS: 80's, Overcart/hazy. Sw win2
	WEATHER CONDITIONS: 80's, Overcost/hazy. Sw win2 INSPECTOR'S NAME: John Munn / Al Zylinski
	VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	hand fill odors noted on Peacock Hill Rd between
	landfill entrance à cell tower (a bout midway betwee,
	- consistent w/ Bserved wind direction.
	No odors noted in angelica Village center. West and north leachate seeps have been covered:
Praded	!- I hay placed down to encourage grass fice
- 0	One roll of geotextile has exposed end-near Toladz traile
· ·	Site has minimal litter. None observed blowing
	Dust control (road Spraying) being employed.
	Leachate impoundments are both high.
	leachate was being hauted. 2 tankers loaded
	leachate was being hauled. 2 tankers loaded during Visit - Both about 9'
	This form given to: Terry Lunn

FACILITY: Hyland landfill
DATE & TIME: 2/11/11 10 30 2 7m
WEATHER CONDITIONS: Sun, 80's, phily close, 5kg
INSPECTOR'S NAME: John Many
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
No Violations
No odors noted along peacock 4:11 Rd from
1.86 to Herdman Rd.
Water controls being used. Sun & winds
are drying out soils Papiely.
Some litter needs removal from east Storm
Water hasin.
Overall, site is litter free
La riade beine Meuled -
Consistent lift placement are good,
This form given to: / levry Luny
This form given to: Terry Lung South Slope leachate sleps 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 4/28.
Followed up 6/29 w/ sike visit and visit to South St. Repeated
visit on 6/30.

On 6/29 I met anither neighbor/resident on South St who also
mentioned / complained of the odors - did not get his name.

Odors were a same time as reported by Michelle. I also stopped
in a town hall at I-860 exit a 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 in South St.

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)

Γ	FACIL	ITY NA	AME	LOCATION FACILITY NUMBER DATE TIME
İ	4	ıla	w des	Herman Rt Auselinia 9751707711111400
-	INSP	СТОЯ	'S NAME	CODE PERSONS INTERVIEWED AND TITLES
ı	V	(a	ua Hista	S TERRS LUNA LANDBILL SUR
Ī	REGIO	W NC	EATHER CONDITIONS	DEC PERMIT NUMBER
_	9		let humid	9-0232-00003,00000
	SHEE	T _	CONTINUATION SHEET ATT	ACHED PART(S) 360-
L		OF	Yes □ No	Attached
		٧	iolations of Part 360 are Subject to Ap	plicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate,
			the Clean Water and Clean Air Ac	ts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet. scord of conditions which are observed in the field at the time of inspection.
				ed NI Indicate no Inspection and do not mean no violation has occurred.
			PART 360 PER	MIT ORDER ON CONSENT EXEMPT COMPLAINT
© Ø	NI	V	FACILITY MANAGEMENT  1. Solid waste management facility	r is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
				ed by a control program for unauthorized waste, and solid waste materials accepted are those authorized and
	۵			active Wastes, 360-1.5(b); 360-2.17(m).
<b>2</b>			<ul> <li>b. Control Program, 360-1.14(s</li> <li>c. Department Approved Facility</li> </ul>	)(1). ty for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
	<b>3</b>		<ul><li>d. Bulk Liquids. 360-2.17(k).</li></ul>	
	<b>3</b>		<ul><li>e. Whole Tires. 36-0-2.17(v).</li><li>f. Lead Acid Batteries. 360-2.13</li></ul>	
				s facility components and equipment in accordance with the permit and their intended use: ponents/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
			b. Adequate Equipment. 360-1	.14(f)(2).
			<ol> <li>Operational records are availab         <ul> <li>Unauthorized Solid Waste R</li> </ul> </li> </ol>	
			<ul> <li>b. Self Inspection Records. 36</li> <li>c. Permit Application Records.</li> </ul>	0-1.14(i)(2).
2			d. Monitoring Records, 360-1.1	4(i)(4).
			<ul> <li>Facility Operator Records, 3</li> <li>Fill Progression Log. 360-2.</li> </ul>	
8	□ 26		<ul> <li>g. Primary Leachate Collection</li> </ul>	and Removal System Logs. 360-2.9(j)(3).
			<ul> <li>h. Asbestos Waste Site Plan. 3</li> <li>i. Random Waste Collection V</li> </ul>	60-2.17(p)(2).
RES		_	OPERATION CONTROL	in a section of the s
<b>₽</b>			<ol><li>Dust is effectively controlled, ar</li></ol>	itter, is sufficiently confined or controlled. 360-1.14(j). d does not constitute an off-site nuisance. 360-1.14(k).
æ Ø			On-site vector populations are p     Odors are effectively controlled	revented or controlled, and vector breeding areas are prevented. 360-1.14(I). so that they do <b>not</b> constitute a nuisance. 360-1.14(m).
-	_	_	WATER	to the solution a historial. Out 1.17(III).
			Solid waste is prevented from e     Leachate is minimized through	ntering surface waters and/or groundwaters, 360-1.14(b)(1). drainage control of other means and is prevented from entering surface waters, 36ht 1.14(b)(2): 360-2-1.7(c)
_	_	_	ACCESS Lending	drainage control of other means and is prevented from entering surface waters, 380-1.14(b)(2); 360-24.7(g).
Ø Ø			<ol> <li>Access to the facility is strictly a</li> <li>On-site roads are passable, 360</li> </ol>	and continuously controlled by fencing, gates, signs, natural barriers of other suitable means. 360-1.14(d).
-	_	_	WASTE HANDLING	111 (0), 300 2.11(0).
<b>(4)</b>			<ol> <li>Solid waste is spread in layers: working face area is the smalle:</li> </ol>	2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the
1			14. Lift height does not exceed 10 f	eet, 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 15. Solid waste preparation measure	
	□ Ø2		<ul> <li>a. Stabilized/Dewatered Sludg</li> </ul>	es. 360-2.17(n).
<u></u>			c. Tanks. 360-2.17(r).	18) NOT ACCEPTED
	_	_	COVER	
<b>₽</b>			vectors, fires, adors, blowing lit	n quality, of proper compacted thickness, and is applied and maintained where and when required to control er, and scavenging. 360-2.17(c).
<b>3</b>			<ol> <li>Intermediate cover material suit 360-2.17(d).</li> </ol>	able in quality, of proper compacted thickness, and is applied and maintained where and when required.
	<b>3</b>			uitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e). トゥーアルタレーCoシング IN PLACE (ルンS)72
<b>3</b>	9		MONITORING  19. Monitoring wells are intact. 360	
	 (8)		20. Decomposition gases are monit	ored and controlled. 360-2.17(f); 360-8.3(c). (205 Bubblish Up 1/2 Rough
			OTHER On Continuation Sheet identify any	other violations 1
			On Continuation Officer (Contary any	2.17(a): 360.2.11(a)(B)(V),(c)(1)(j).  ored and controlled. 360.2.17(f); 360.8.3(c).  Gos Bubbling up Brough  other violations.  feach It be en Kouts/pools on South
_	_		7-1/	Super
1	M	M	eniate / ser	Saus concerns.
		^		slope.  si CUS concerns:  and of lendrate breakouts possels on South slop  ADC/unste and top of Cell IX 2 + South  I hereby acknowledge receipt of the  Facility Copy of this inspection Report sheet.
	1	Re	_ dev elope m	and of lendrate beautous pours
•	く	. 9	44 4 4	ADO but and top of Cell 182 + South
2	_ ) .	$\mathcal{N}_{i}$	ed to Cover 1	I hereby acknowledge receipt of the
	)	5/	ope of - 1-	
	_	, )	1/0/1/	Individual/in Responsible Charge (Please print)
		/	1/17	Y h
	70	Ju.	Inspector's Signature	Signature Date
			/	

### 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]

Hylonds, H		Augelica D	025170721	11 1400
INSPECTOR'S NAME		S INTÉRVIEWED AND TITLES		
REGION SHEET OF CONTINUE OF CO	UATION SHEET ATTACHED	WEATHER CONDITIONS	: 1	UNDER ORDER  Yes No
Violations of Part 360 are Subject t Additional Vi		ministrative and Crimin d on Sheet One of this		n ECL Article 71.
Provide site sketches, clarification	on, supplemental information		r samples and/or locations of vi	olations.
		and in motals and incosed	on a successifi	
-Sid Rises Blf -C -high level	! list on			
= Solahan A &	2 lead light.	<b>~</b>		
Lead to bosins - Si	te KISCR 1010	01: 4		d d
- leall in 3	, de Rixa bldg.	(lealling	unive)	
_land le	vel 18ht on	Ma		
- over fire	M - 10114 & 111.01	**************************************		
- over for	11 /	1	· · · · · · · · · · · · · · · · · · ·	
-Beas in STREPER	sis bly fo	re cells 17		
-Next to -seed sta	odpile Noveth	THE GAS PLATE	<b>*</b>	
-1 0. De Great	las are	Ne-aspea	my on sa	the slope,
Need to care	le + ca	en top. y	O Cells 1	X S'
- Need interior - Need interme	, Disal	Cover on	top of ce	el 192
- 1) of interme	diste cover	an swo	h slape,	
16.	113	I hereby acknow Inspection Repo	viedge receipt of the Fac ort sheet.	ility Copy of this
Inspector's Signatur	re	individu	ual in Responsible Charge [Plea	se print]
			,	Date

#### 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  HY 1005  INSPECTOR'S NAME	LOCATION  HE dime A DV  CODE PERSONS	relic(T) INTERVIEWED AND TITLES	FACILITY NO. DATE	11 1400
REGION SHEET OF CON	CODE PERSONS  STINUATION SHEET ATTACHED  Yes  \[ \int \text{No} \]	WEATHER, CONDITIONS		UNDER ORDER
Violations of Part 360 are Subje				· · · · · · · · · · · · · · · · · · ·
	ication, supplemental information, Incorrected violations must be desi			olations.
N. ADI	C Carrel on	- needy		
to	Loods of 5:H.	Ataly		
Necds	cary			
# 1	LIL		ACTURE	= ARIGA
/- * * * * * * * * * * * * * * * * * * *	haredler	James 1		- 144001
		premarl 32	and \	
	$\int_{\lambda}$	I hereby acknowl inspection Repor	edge receipt of the Fac t sheet.	ility Copy of this
Inspector's Sign	nature (NCO vered) Needs in kin	edinte com Individua	al in Responsible Charge [Plea:	se print]
	Needs	Signature		Date

FACILITY: Syland Landhill
DATE & TIME: 1/27/11 1/30 - 200 pm
WEATHER CONDITIONS: Cloudy (50%) "80°F, Wesles by win
INSPECTOR'S NAME: John Mung
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
No offiste odors noted.
Landfill liller is under control
Dust control neaded - (short staff?)
Riser bldg 1+2 panel lights burnes oft- Cell 2 secondary pump to be pulled -
Leachate pond of (north pord) =9'
Leachete pond "2 (south pond) "10"
Compacten / left height good.
Work @ South face on road @ Cell'3 b/c

This form given to: Terry Lun n

# 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					75, o Ok Hi Lo							
	Ok	Hi	Lo	Ok	Hi	Lo	Ok	Hi	Lo	Ok	Hi	Lo
Status (check)	V	200	821	V						V		
Limit		2011	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)	V			/								
Limit	X	12"	8"		12"	8"		,			,	
	Cell 2 Groundwater E/F		Cell 2 G/H	Ground	water	Cell 3 Primary Cell 3 Second		Second	lary			
Reading	26.0		12 6		Bubbler 16.1			10,1 BrMher 9.4				
	Ok	Hi	Lo	Ok	Hi	·Lo	Ok	Hi	Lo	Ok	Hi	Lo
Status (check)							011	20	12		20	12
Limit										X		
, ,		By I f		Bey (S	Indroun	dment	14 Be	yz ser	ح			
Reading F/o	rulcont o	9.0 C		6	400	CHILDIA 2	Dat	e				
150	from f	8.7 h	5.1 -u -	1013		60						
Down 3/2 FF	1		1 Tr .	: (A) / (F)	LIE LAN	Lo	Tim	1e				
	Ok	Hi	Lo	Ok/De	) III 🗸 '	LU	1					
Status (check)	Ok A	Hi	LO	ØK70€	) III V	LO	-   -,	pector:_	· · · · · · · · · · · · · · · · · · ·			
		Hi	Lo		m	LO	-   -,	oector:_				
Status (check)		Hi	Lo		m	LO	-   -,	pector:_			ž	
Status (check) Limit		Hi	LO		MI	LO	-   -,	pector:_				
Status (check) Limit		Hi , L	LO LA/ps		C10,	DSec	-   -,	pector:_	sec,	C2 G	Lit Se	۷, ۲
Status (check) Limit	hts l	Hi M C 11 gw	I A/B	sec, wlevel	CIC,	DSec n levil	Insp	26/1	sec,	CZ G	$\Lambda$	c, Cl
Status (check) Limit	hts l	n, C	I A/B	500	CIC, High	DSec	Insp	26/1	gec, ) Hear	10	$\Lambda$	c, C.

Impoundment Vight AC Power Falue, High bear , low lest, Loadout In hist, Bay 1 Prin Ben 1 Sec, Boy 2 from, Ban 2 Sec, States 1 leak, Pump Fant boadon TNerfill, Heat Trace Fast, SRB Flood, Deschage Afan Bayo Sec Flord LOADOUR From May / Sec 91mm Buy 1/ Bay 2 Barl See Rup Fry 1 Fran Reup Select Swith Buy 2 Sec Propo By 2 Prm Rup.

MH/KH/File

eldsassidie

Non-Releasable

# **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:

July 7, 2011

Reporting Period:

June, 2011

Facility Monitor:

John Munn (JM)

#### **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.

FACILITY: Hyland Landfill	**
DATE & TIME: 6/2/11, 9 AM - 300 pm	
WEATHER CONDITIONS: "60°F, Windy, Blue Sky, Pt	. Cloudy
INSPECTOR'S NAME: John Many	•

## VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Objective - To inspect loads from Presser Rand Special Wask Approval \$ 2380. Waste was to contain mud? trash bago. The trash bago (per Jesus of class up co.) were to contain cleaning materials + med.

Upon delivey, The first two loads contained bags of must rays, but other items including empty contained, wood, metal turnings, furniture, floor mass + rugs, office equipment wood shavings, plastic signage materials, balloons, gluedup 4"pre gipe, hand tooks, and office garbage. Nothing hazardour was found. The gallon next two loads contained mostly plastic bags of rags potter of degreeser / cleaning agent were found - 2 almost full. Cleaning hoses, empty sada & been bottles, cleaning tools - squeezes, mor handlar, wringer. Thems were consistent w/ cleaning lifet. Total Some free flowing liquids. Total operators to cover but not at too of edge of slope.

Repervork not consiste & with material recoiled.

FACILITY: Hyland Candfill
DATE & TIME: 6/8/11, 930/1230
WEATHER CONDITIONS: 20-80 F. Sunny Hayy
INSPECTOR'S NAME: John Muna/Kevin Hinte
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Some tracking on Reacoch Hill? Herdman Roads-
Landbill oder along Herdman - South Wind - 1101 Strong
Dust is a concern. Water spray is deployed but not able
to control dest More effort needed.
I parhate prophects on all slopes. Need to be corrected.
South face leachate ponds are major, other faces pale in
5 ignificance.
Chech dans along defention basin 2 are too high-should be 'h height of channel so water stays in channel.
be 1/2 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
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 blds) - station 2 leak indicator light is on
Cell I Primary level + Cell I groundwater level indicators LCDs ave
Cell 2 GH groundwake light is on Cell I Primary level + Cell I groundwater level indicators LCDs are inoperative. This form given to: <u>Rory Luay</u>
This form given to.
Earthen dans needed on St corner gas line from flat @ top where it intersects w/ slope to prevent top the runoff from going downshop

FACILITY: Hyland Land HII.
DATE & TIME: 6/13/11, 255-3pm
WEATHER CONDITIONS: Sunny pof Cumules clouds, 70°s
INSPECTOR'S NAME: John Munn
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
No opons, Westerly Wing
Justy - More dust control needed.
North leachate seep - almost direct up.
West " " " " " " " " mpoundment is full- needs to be drained. Leachate is from surface drain ob,
not kachate seeps
South slope - work being done to close + cover kachete
South slope- work being done to close + cover leachete impoundments & cover top to reduce infiltration
Construction activity - big dig ongoing. Silt control
Sonstruction activity - big dig ongoing. Silt controll fence placed around soil pile by gas plant.
Depart @ 300 pm
This form given to: Not GIVEN To FACILITY

FACILITY: Hy land landfill
DATE & TIME: 6/14/11/11/00_2 200 pm
WEATHER CONDITIONS: Overcant, Same sprinkles, 60's
INSPECTOR'S NAME: John Munn
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Some ASR on hoadway (Reacoch Hill & Herdman) -
Street sweeper war in operation at time - had not
Street sweeper war in operation at time - had not yet gotten to waste. North leachate seeps have been reduced, area
Seeded, trash cleaned.
West seep war full- Chester drawed while I war on
3, te. Water Reachate is craining from gas line.
Soil is being loaded on top of mound to grade
Soil is being loaded on top of mound to grade water away from in filtrating.  South Slope leacher to being tilled with
Delps + un pound men
Don't Slope Ractore is being tilled with
clear soil. levery plans to remove waste and
clear soil. Terry plans to remove waste and place soil orde hill.
heachete unpoundments are ok. Litter, is
feachete impoundments are OK. Litternis good. Some waste at for of new lift at cell 3
needs to be correct.
This form given to: Terry Luna
,

	FACILITY: Hyland Landfill
	DATE & TIME: 6/16/11 215 315 pm
	WEATHER CONDITIONS: Rain 60's
	INSPECTOR'S NAME: John Muny
٠	VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
-	Heavy Rains created rungs - drive by found.
	Shield inspection w/ TERRY LANN.
	Noted No odors
	Worth feachate 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
	West slope was cleaned so of waste @ leachete impoundment. Very 1: the rundy draining into hole
	impoundment. Very little rundly draining into hole
	I South slope hole @ base has been filled + packed.
	Wench to drain to tooting stone is working to
(3	French to drain to footing stone is working to intercept surface water off slope  Noted problem w/ s. It runoff @ east Sed pond. Spile  This form given to: Ferry Luna
	a/ Mike of Tolady to correct leffect a solution.



### 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				LOCATIO	N		FACILITY NUMBER	TIME					
1	HYLAND LANDFILL A				ELICA	NY	012151117	0629	11/200				
					PERSONS II								
1	30	Ha	1 MUNN	S	Terr	4/1100	Doer	toms Man	16 00-				
-	REGIO		EATHER CONDITIONS			DEC PERMIT NUM	Dpera	70113 7-10011					
	9		60's 100% (1	to a lad	سه حام ((ه صم	9-02	32-10-01	003000	ו כו מומול				
-	SHEE	Т	CONTINUATION SHEET ATTAC	HED PAR	T(S) 360-	111012		- 19 19 10 10	21000				
	j	05	/										
OF □ Yes 🕱 No										ached			
	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.												
							o violation has occurre						
_	NI	ν	PART 360 PERMI	т 🛚	ORDER ON C	ONSENT	EXEMPT   CO	MPLAINT					
复		. 🗆	FACILITY MANAGEMENT  1. Solid waste management facility is	authorized	and manager	nent occurs within a	approved areas, 360-1.	5(a): 360-1.7(a)(1).(b)	: 360-8.3(d).				
			<ol><li>Incoming solid waste is monitored</li></ol>	by a contro	ol program for	unau <b>tho</b> rized waste	e, and solid waste mate	rials accepted are tho	se authorized ar	nd			
	<b>S</b>		approved for management at the fa a. Hazardous/Low-Level Radioact		360-1.5(b); 36	50-2.17(m). N	9						
Æ	_		b. Control Program. 360-1.14(e)(1	).		•							
	)ST		<ul> <li>c. Department Approved Facility f</li> <li>d. Bulk Liquids, 360-2,17(k).</li> </ul>	or Specific	Wastes, 360-1	.14(r); 360-2.17(l),(g	0)(1).						
	<del>,</del> <u>a</u>		d. Bulk Liquids. 360-2.17(k).   e. Whole Tires. 36-0-2.17(v).   f. Lead Acid Batteries. 360-2.17(w).										
	M	nd their intended use:											
E S			<ul> <li>a. Maintenance of Facility Compo</li> </ul>	nents/Site				THE STATE OF THE S					
×			<ul> <li>b. Adequate Equipment. 360-1.14</li> <li>4. Operational records are available v</li> </ul>		red:								
×			<ol> <li>Unauthorized Solid Waste Reco</li> </ol>	ords. 360-1									
XX O	<b>E</b>		b. Self Inspection Records. 360-1.14(i)(2). c. Permit Application Records. 360-1.14(i)(3).										
			d. Monitoring Records. 350-1.14(i)(4).										
le S			e. Facility Operator Records360-1.14(u)(1). f. Fill Progression Log. 360-2.9(e).										
8 B			<ul> <li>g. Primary Leachate Collection an</li> </ul>	d Removal		360-2.9(j)(3).							
□ <b>፷</b>	Ā		<ul> <li>h. Asbestos Waste Site Plan. 360-</li> <li>i. Random Waste Collection Vehice</li> </ul>	2.17(p)(2). cle Inspecti	<i>N/A</i> ion Records 3	60-2 17(a)							
•			OPERATION CONTROL										
XX			5. Solid waste, including blowing little										
Z Z			<ol> <li>Dust is effectively controlled, and of</li> <li>On-site vector populations are previous.</li> </ol>					1.14(1).					
E			8. Odors are effectively controlled so	that they d	o not constitut	e a nuisance. 360-1	.14(m).						
₩			WATER  9. Solid waste is prevented from enter	rino curtaci	a watere and/o	r graupdwatore 35	0.4 14(b)(4)						
Á			10. Leachate is minimized through dra					e waters, 360-1.14(b)	(2); 360-2.1.7(g).	•			
	_	_	ACCESS										
Ž,			<ol> <li>Access to the facility is strictly and</li> <li>On-site roads are passable. 360-1.</li> </ol>			by fencing, gates, si	igns, natural barriers o	other suitable means	i. 360-1.14(d).				
			WASTE HANDLING	,,									
A			13. Solid waste is spread in layers 2 fe	et or less in	n thickness, pr	oper compaction is	achieved with 3 passe	s of appropriately size	ed equipment, ar	nd the			
Ø			working face area is the smallest p 14. Lift height does not exceed 10 feet				n 33 percent, and wast	es are placed and gra	ded in accordan	ice			
			with fill progression plan. 360-2.17	(b)(2).			•						
K			<ol> <li>Solid waste preparation measures</li> <li>a. Stabilized/Dewatered Sludges.</li> </ol>	360-2.17(n)		ovidea:							
	<b>M</b>		b. Asbestos Waste, 360-2.17(p)(3) c. Tanks, 360-2.17(r).	NA									
ш			COVER	•									
风			16. Daily cover material is suitable in q	uality, of pr	oper compact	ed thickness, and is	applied and maintain	ed where and when re	quired to contro	) I			
<b>\</b> 29	П		vectors, fires, odors, blowing litter, 17. Intermediate cover material suitable	and scaver	nging. 360-2.17	7(€).							
-46	_		360-2 17/d)										
	×)		18. Final cover system material is suita	ble in quali	ty, of proper c	ompacted thicknes.	s, and is applied and n	naintained, 360-2.17(e	). N/H				
	×		MONITORING  19. Monitoring wells are intact. 360-2.1	7(a): 360-2	.11(a)(8)(v) /c)	(1)(i).			,				
×			20. Decomposition gases are monitore										
			OTHER		_								
			On Continuation Sheet identify any other	ei violation:	5.								

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

Individual in Responsible Charge (Please print)

Signature

Oate

FACILITY: Hyland Landfill
DATE & TIME: 6/29/11
WEATHER CONDITIONS: 60: 100% Claud Cover
INSPECTOR'S NAME: John Munn
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Litter is under control-minimal litter onsite, some
Pickup needed on South side & last stope.
No oders noted off site. On-site oders were minima
and only noticed at close proximity to wask.
Leachent breahouts on North and West Slopes look
very good. Breakouts appear to have been stopped;
Soil was roughed in and ready for final grading,
seeding than South slope leachate breakouts
are being consolidated and reduced. Clay
Cover is being placed on stope to reduce infiltration and create clean stormwater rungs
(instead of rung) that needs to be managed as leachate, (over)
This form given to: Terry Lunz

Good progress on Morth + west Supes, progress Continues on South Slope.

Dust central is being used.

Sediment fences were built curound 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 / stockpuled to

cell 3 for core

02517 MH JMA

FACILITY: Hylands	
DATE & TIME: 6   30   1	
WEATHER CONDITIONS: SCALET,	705-
INSPECTOR'S NAME: Keun Hant	2/ John MUNN

### VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

- Gell (primary 198 miches - No lights on.
- Both Basins high of capacity - weed to bring in todeup hater / need to had more.

I hast did extoct hale " Not draining. Weed to pick up was to from (SE corner) had excavation & place on landfill.

- Need to grade / correr the lutie top of landfell.

This form given to: Terres Lung

my/ky/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) dco

#### **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 claymud 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.

FACILITY: Hyland Land Sill
FACILITY: 4/4/and Land Sill  DATE & TIME: 5/3/11 , 11:45 - 25 2 15
WEATHER CONDITIONS: 50° Overcest, Steady rain
INSPECTOR'S NAME: John Muny
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Rain is saturating the site. Waste is being
compacted. He blowing litter. Litter from
last Thursday's high winds has been
picked up. Both leachaste have alon
1-2' below bottom of intet pipe. No odors.
North Stope leachate impoundment is overflowing,
Corrective actions being implemented. South
Hope leachate impoundment is being pumped.
unto fanken truck and put into leachete
sonds. West blope leachese interception is working to prevent run of.
This form given to:   Auge 1 A 2

DATE & TIME: 5/3/1.
DATE & TIME: 5/3/1.
WEATHER CONDITIONS: Page 20 2
WEATHER CONDITIONS: fage 232 INSPECTOR'S NAME: John Mano
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Gravel placed and packed cext to
truck wash? mud has been scraped back,
Problems cited on Thursday \$1/28 are being
addressed but the rain and wet condition
present difficulties.
Power outage @ 2:05-gas plant
down, Angelica power out. Unable to run
flare w/o power.
No construction due to vain.
This form given to: Joe Boy las

Pg 182

FACILITY: Hyland Landfill	
DATE & TIME: 5/16/11	
WEATHER CONDITIONS: Dvercast, 50's, no wind	rain stopped.
INSPECTOR'S NAME: John Munn	

### VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

No odors other than at learnate breaks Its, especiely @ South Slope. Oders not offsite heachate seeps being workled on. North Slope is not running. West slope has small weep draining into berned drain. South Sope leachate is still ponding but not flowing into multiple drains. 2'of clay placed on top 8 lower west side of South Slope to miniminge preahouts. Stopes are still wet/shopping for Machinery. Leachase por resention basins are 12'-leachate being handed. This form given to:

Pg 20 2

FACILITY: Lyland Landfill	
DATE & TIME: 5/16/11	
WEATHER CONDITIONS:	
INSPECTOR'S NAME:	

#### VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Liller is not any issue. Tire wash operationalReadway is clean. Jill is being placed &

SE corner of cell 3. Adequate Compaction.

Cover is good for other areas.

Need to descuss w/ Mark Hans time to

allow ADC to remain "uncovered"

No 155ues seen with surface waster

rundy.

This form given to: lerry lung.

FACILITY: Hyland Landfill
DATE & TIME: 5/19/11 130-330 pm
WEATHER CONDITIONS: Cleaning -> Overcast -> Storm Clouds/Roun -> Cham
INSPECTOR'S NAME: John Mung
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Drive by inspection - leachate seeps are being
addressed. North + west seeps are being intercepted-seeps
are small trickle / to day. Clay has been placed in
about 2/3 of lower half of South Slope of Cell 3 A
4 3B to address breakouts. Some ASR on Herdman
+ flacoch Hill - Sweeper was working on road and
like a not accumulating from visit to visit -
Litter is not a problem - no oders.
Monitoring well 38 has been removed, MW 4 removal, sin
process.
Leachate is Ok. both ponds are about 12"-6"
Delow the pipes
Progress he ing made on leachate breakouts - Progress is hampered by wet conditions / weather This form given to:
This form given to:

DATE & TIME: 5/25/11 200-300 pm
DATE & TIME: 5/25/11 200-300 pm
WEATHER CONDITIONS: Summy 70's
INSPECTOR'S NAME: John Mung
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Observations - Some weeping on north slope from
We direct outed leachate breakout. Very minor
But Interest beamed So! I West Supe a cong.
Jon threat Stone leathate selps
last to Bonded by Derm of West
Kuncking down the drill cuttings stope
the exposed maderial slope and prepare face for a cover so rung does not need to be and
a cover so rung does not need to be and
Remember beschate.
Both leachate ponds are high-would
Trucks are using tire washer. It is
Good. Work being done to dig new cell 4. Ckey being Stockpiled and placed on South slope. This form given to: Toe Boyles
Ukey being Stockpiled and placed on South slope
This form given to: Joe Boyles
No offsile odors noted.



## 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

				LOCATIC	" HERS	MANKD,	FACILITY	JIVIDER	DATE		INIE		
	HY	14	ND LANDFILL	ANGE	1110	NY	01215	11 17	1215	212111	0/2/3/0		
- [	INŚPE		R'S NAME	CODE	PERSONS	INTERVIEWED AND		17	9 3 8	- 10 Page	1 0- 0		
	7		/	S									
-	<u>س ل</u>	Ho	V MUNN	<u> </u>	IERR	DEC PERMIT NUI	, OP. 1	MAN/	FLER				
	REGIO	- 1	EATHER CONDITIONS		W	DEC PERMIT NUI	MBER		7				
	9	9 <	TRING South WINDS Part	lu dh	ule 70°	19. 10.23	3121-10	7.6.4	9 9 9	1000	• 3		
-	CHEC	T   09/	CONTINUATION CHEET ATTA	W C/O	7/0	11-00	$\int  \alpha  -  c $	1016	40131	U U U	0 -4-		
1	ن د د د		CONTINUATION SHEET ATTAC	HED   PAR	11(5) 360-								
	/	OF	Yes No										
L											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.												
	. ~	····	I his form is a reci	ord of cond	litions which	are observed in the t	field at the time	of Inspe	ction.				
			_			n and do not mean r							
			36 PART 360 PERMI		ORDER ON	CONSENT	EXEMPT	□ CON	<i>I</i> PLAINT				
C	NI	V	FACILITY MANAGEMENT										
×			Solid waste management facility is	authorized	and manage	ment occurs within a	approved areas	s. 360-1.5	(a); 360-1.7(a	a)(1),(b); 360-8.	.3(d).		
			2. Incoming solid waste is monitored	by a contro	ol program to	r unauthorized waste	e, and solid wa	ste mater	rials accepted	d are those aut	horized and		
	×		approved for management at the fa a. Hazardous/Low-Level Radioacti		360-1 5(b):	360-2 17(m) 4/ A							
73/			b. Control Program. 360-1.14(e)(1	).	. 000 1.0(0), 1	500 2.11 (III). JU JJ4				•			
720			<ul> <li>Department Approved Facility for</li> </ul>	gr Specific	Wastes, 360-	1.14(r); 360-2.17(l),(p	p)(1).						
_	7		d. Bulk Liquids, 360-2.17(k). A. /	A									
	,259. 1986		e. Whole Tires. 36-0-2.17(v). f. Lead Acid Batteries. 360-2.17(w)	A									
ш	~	_	Dega Acid Batteries, 360-2.17(w)     Operator maintains and operates fa	). <i>N/J?</i> scility com:	onnante and	acuinment in accord	anno suith the u		al alumin income				
Ø			a. Maintenance of Facility Compo	nents/Site	Gradina, 360	1.14(f)(1): 360-2.17(	ance with the μ h).(u)	Jerniii and	a meir intend	ied use:			
阈			b. Adequate Equipment, 360-1.14	(f)(2).	g								
_	_		<ol> <li>Operational records are available w</li> </ol>										
風			a. Unauthorized Solid Waste Reco		14(i)(1).								
與口口 <b>其</b> 與其口	□ 158		<ul> <li>b. Self Inspection Records. 360-1.</li> <li>c. Permit Application Records. 360</li> </ul>										
	Ø D		d. Monitoring Records, 360-1.14(i)		•								
メ	<b>"</b>		e. Facility Operator Records, 360-										
M			f. Fill Progression Log. 360-2.9(e).										
Z			g. Primary Leachate Collection an			s. 360-2.9(j)(3).							
<b>5</b> 27	⊠′		<ul> <li>h. Asbestos Waste Site Plan. 360-</li> <li>i. Random Waste Collection Vehice</li> </ul>	2.17(p)(2).	NIT	000 0 47(-)							
,	_		OPERATION CONTROL	ne mapeoi	on newius.	360-2.17(q).							
ŻΪ	П		5. Solid waste, including blowing litter	r le pufficio	nthy confined	or controlled 260 f	146\						
Ž.			Dust is effectively controlled, and d										
NAMA			<ol><li>On-site vector populations are prev</li></ol>	ented or c	ontrolled, and	vector breeding are	as are prevent	ed. 360-1	.14(1).				
Ø			<ol> <li>Odors are effectively controlled so</li> </ol>	that they d	o not constitu	ite a nuisance. 360-1	i.14(m).						
			WATER										
X			<ol><li>Solid waste is prevented from enter</li></ol>										
×			<ol><li>Leachate is minimized through drai</li></ol>	nage conti	ol or other m	eans and is prevente	ed from enterin	g surface	waters, 360	-1.14(b)(2); 360	)-2.1.7(g).		
مد	_	_	ACCESS										
2			11. Access to the facility is strictly and			by fencing, gates, si	igns, natural ba	arriers or	other suitabl	.e means. 360-1	i.14(d).		
74	_	П	12. On-site roads are passable, 360-1.1	4(n); 360-	2.17(S).								
red <sup>2</sup>	П		WASTE HANDLING	nt or loss !	thickees	roner comic	achieus	2 00 -0:	n né no '	atabe ai=	iomont c-dut-		
) <sup>CE</sup>	7	ų.	<ol> <li>Solid waste is spread in layers 2 fer working face area is the smallest principle.</li> </ol>				acnieved with	o passes	от арргорги	areiy sized equi	ipinent, and the		
X			14. Lift height does not exceed 10 feet,				n 33 percent. a	nd waste	s are placed	and graded in	accordance		
•			with fill progression plan. 360-2.17(	b)(2).			. ,						
_	_	_	15. Solid waste preparation measures			rovided:							
Ä	□ Set		a. Stabilized/Dewatered Sludges.										
	94 92		<ul> <li>b. Asbestos Waste. 360-2.17(p)(3)</li> <li>c. Tarıks. 360-2.17(r).</li> </ul>	NIN									
		_	COVER										
100			16. Daily cover material is suitable in q	uality, of or	oper compac	ted thickness, and is	s applied and r	naintaine	d where and	when required	to control		
	-		vectors, fires, odors, blowing litter,							c	-U Garrings		
Ø			<ol><li>17. Intermediate cover material suitable</li></ol>				and is applied	and main	itained where	and when req	juired.		
مد	_	_	360-2.17(d).										
A			<ol><li>Final cover system material is suita</li></ol>	ble in qual	ty, of proper	compacted thickness	s, and is applie	ed and ma	aintained. 36	0-2.17(e).			
_	_	_	MONITORING										
×			19. Monitoring wells are intact. 360-2.1										
7	ш	U	<ol> <li>Decomposition gases are monitore</li> <li>OTHER</li> </ol>	u and CONE	ionea, 360-2.	17(1); 300-8.3(C).							
			On Continuation Sheet identify any other	r violation									
			S. Samuation direct identity any office	. TOMON									

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

sponsible Charge (Please print)

Date

#### 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 LOCATIO				TION			1	FACILITY NO.	DATE	"	ΓIME
HYLAN	OLA	NDFIL	L A	NGELIC	A NY	r		025117	0526	110	12130
INSPECTOR	R'S NAME			CODE	PERSONS	NTERVIEWE	AND TITLES	TERRY	Lun	Sal	
504	N M	2NN		S		ARDNS					
REGION	SHEET	OF	CONTINUAT	ION SHEET A			CONDITIONS	7	0'5	UNDER	ORDER
9	2	2	Yes	<b>№</b> No		STOWN	Soum Wi	NOS PARTA	Ly CLOUR	∕ ☐ Yes	∕⊠No
		•		,				7	7		

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 NONTH + WEST SLOSES WELL FURTHER WORK TO STOP SMALL FLOWS ACROSS SURFACE.

LEACHATE PONDING ON SOUTH WEST CONVEN OF SOUTH SLOPE - BEING REINFUSED INTO WASTE MASS - WORK PROGRESSING ON SWEETS MEET 3:1 GRADE AND CAP W/ CLAY TO MINIMIZE LEACHARE PRODUCTION. WEATHER DEPENTENT ACTIVITY - APPRIX. 1000 YOS OF Chay MOVED TO Swot. For Cover - Bost PLACED, MORE TO PLACE. TERRY LUNN ESTIMATES 2 WEEKS OF DRY DAYS ARE NEEDED TO EFFCENT A SOLUTION. - GOAL IS TO SHED CLEAN SURFACE WATER RATHER THAN HAVE IT REINFUSE. ALL LEACHAR IS BEING CAPTURED.

ODORS NOTES ON PEACOCK HILL RO. - THE TO POWER OUTTHE By GAS PLANT. FLARE IS RUNNING. ODOR NOT SEVERE.

No VIOLATIONS NOTED. PROBLEMS NOTED NEED CORRECTION AS SOON AS POSSIBLE WEATHER PERMITTING.

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

Terry Lunri Individual in Responsible Charge [Please print]

Date

FACILITY: Afgland Candfill
DATE & TIME: 5/31/11 12 50 PM
WEATHER CONDITIONS: Sunny pt. Cloudy, 80°5
INSPECTOR'S NAME: John Muna
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS Scanday 5/29
Power out Friday 1/pm - Sal am 3 Am - No flare / ges plans
Howh out Friday 1/pm - Sat am 3 Am - No flare / ges plant 9CL + lever being delivered / stacked for Celly
North leachase seep is trickling - no overflow over bein from rain
West leachate seep appears dry. no overtow on her in
North basin @ 12', South basen @ same apparent level. Deachate
being hauled. 8 loads.
15 " of Vacuum when power plant ides and does not produce
Spark ignitum laguer, landfill gar a chilled to " F
CH4 = 54%, O.C. 00 17, COLC 44%
No OFFSITE ODORS,
ROAD WAYS ARE CLOAN, WATER TRUCKS IN USE FOR DUST CONTRE
SITT 15 OX FOR CITTOR - NOT A PROBLEM.
SURFACE WATERS ARE CLEAN / NO LEALHAGE DEF WASTE PICE
This form given to:   Parce

MH/File

## 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

May 24, 2011



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

Dear Mr. Boyles:

wiessable
Non-Revessable

# 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, 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

### **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

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.

raciliti	
DATE & TIME: 4/4/4 10:10-1	2000 132 -315
WEATHER CONDITIONS: Over at	
INSPECTOR'S NAME: John Mun.	· · · · · · · · · · · · · · · · · · ·
THOLATIONS/ADEAS OF	CONCERN/OBSERVATIONS
ANDy Weltke Tenn Locusion	
The makes a market	PRIM. 60ml HOPE
AN CHOR	Na Maria
D.	Prin 60ml HOPE
Brandon } Repair Co.	2 No LINGO
	60ml HDCG

This form given to:

			ndfi 11		
DATE & TIM	E: 4	15/11	1/ 30-	P 13	
WEATHER C	ONDITIO	VS: 30	Winde	10ght 1, Snow	Hurries
INSPECTOR	S NAME:_	John	Munn	· -	

Repair to lina done 4/4 is coveredover of protective phywood & falvice. Test sample was sent to lab 4/4 + parsed tension consider test, Will get report sent to

Wasked site. Two leachate breakouts - 70 East & flare on north Stope and "150'Not Cell 1 pumps house on west stope. Terry pur Chester on Jos & was being taken care of immediately.

Litter being picked up in last stope- Site 1s free of snow-sime messy areas - continuely being worked on.

No Violations

This form given to: Levry Lung

FACILITY: HYLAND FANOFILL
DATE & TIME: 4/7/11
WEATHER CONDITIONS: OVERCAST, SNOWCOVER, MID 30'S, SNOW MELTING
INSPECTOR'S NAME: JOHN MUNS
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
LEACHATE WAS COMING TO SURFACE ON NOTTH SLOPE
SPORE W/ TERRY/CHESTER WHO INFORMED ME IT WAS INTER-
COPTED AND DIVENTED BACK INTO THE CELL FERRY &
Offester Strower ME THE PROBLEM AND THEIR SOLUTION
NOT A PROBLEM AS LEACHARD IS REINJECTED INTO THE
CFLL. TEARS TELLS ME THIS IS A TEMPORARY SOLUTION
UNTIL FOR CONDITIONS DRY OUT AND CAN DE WORLD
No OFFSITE ODORS NOTED. No OTHER LEACHATE
BREAKOUTS. AND WEST
ALSO NOTE - Some AREAS ON COLL I NORTH, SLOPES
NUED GRADING TO SHED WATER.

This form given to: Tenny LUNN

### HYLAND LANDFILL OFFSITE ODOR INSPECTION

DATE: 4/7/11
DATE:
TIME:
TEMP: ~35
WIND: NONE DISCHAME
ODOR LEVEL AND LOCATION: NOT LANDFILL
Opon OF SAWMELL AT INTERSECTION
OF PEACOCK HILL + I-86, AND APPROX.
Oid mi along Peacokk Hill towns Landfill.
ODOR LEVEL:
<b>NOTE:</b> 0 = No odors, 1 = Light, 2 = Moderate, 3 = Strong
OBSERVER: John Mundo
TITLE: Environmental Engineer I

FACILITY: Hyland landfill
DATE & TIME: $4/12/11$ $2-3$ pm
WEATHER CONDITIONS: Overcast, Strong win Liguists, 50's, no Snow on
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 stope a NW
Leachate ponds are low- North Frond @9~ 9/2, South @ 2-3'. below en let pipe bottom
Street sweepen war working entry roadway, truck
wash was working
Odors from Saw mill noded in Argelica @ intersections
of I. 86 + Reacock Holl & gibson Hill + I-86 - NoTLANDFILL

This form given to: Terry Lung

### HYLAND LANDFILL OFFSITE ODOR INSPECTION

DATE: $\frac{4/(2/n)}{n}$
TIME: 2:30 pm
TEMP: 505
WIND: Strong / gusts ENE - NE
ODOR LEVEL AND LOCATION:
On site only - no odors noted off site
Odors noted a (upward) Slachate pond.
Odors due to shut down of gar collection for manifold hook up ODOR LEVEL: 2 Temporary Condition - will be corrected
ODOR LEVEL: 2 Temporary Condition - will be corrected within an how or two.
NOTE: 0 = No odors, 1 = Light, 2 = Moderate, 3 = Strong
OBSERVER: John Mung
TITLE: Environmental Engineer I

FACILITY: Hyland Lanoffill
DATE & TIME: 4/13/11, 100 pm - 230 pm
WEATHER CONDITIONS: Overcast, drizzyle, 50°F
INSPECTOR'S NAME: John Munn
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Like pick up is being Lone - many bags collected.
good job! Where cleaned-thoroughly Lone- elsewhere lifer is not bad severe.
deathate imprindments are down took good - 9
Street sneeper war working, taking advantage
Tire wash war working & trucks were using it.
No odors noted off site. No odors noted
on perimeter voads ævound footprint.  No Violations.
Waste is being compacted/correct This form given to: Terry Luga
The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s

### HYLAND LANDFILL OFFSITE ODOR INSPECTION

DATE: 4/13/11
TIME: 12 55 pm
TEMP: 250"1=
WIND: Out of the east-light winds
ODOR LEVEL AND LOCATION:
No offis, le odors noted.
I smelled diesel fiel on my way into knotfill following
a dump truck
ODOR LEVEL: D
<b>NOTE:</b> 0 = No odors, 1 = Light, 2 = Moderate, 3 = Strong
OBSERVER: John Mugy
TITLE: Environmental Engineer I

FACILITY: Kfyland Candfill		• .	•
DATE & TIME: 4/18/11 1:00 -230 pm		•	,
WEATHER CONDITIONS: Descent, Spenadic driz	yle.	Sof	SW
INSPECTOR'S NAME: John Mung			Wind

#### VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

For Doors? LITTER PRIOR TO ENTERING SITE.

LITTER WAS BEING PICKED UP ARONG PERESON HILL AS I WALKED ROADWAY. SLIGHT LANDRIC Daon ON ROADWAY-

At Sitt-Surpris White Drawage Was
Generally Clean; Tree of like . Leachate breakouts on N slope were under control, Some
side slope maintenance needed on N slopeSeeding/grading.

This form given to:	Terry	Luna.	<u> </u>	

### HYLAND LANDFILL OFFSITE ODOR INSPECTION

DATE: 4/8/11 100 pm
TIME: / pm
TEMP:
WIND: SE,
ODOR LEVEL AND LOCATION:
Some odor noted in beacock Hill Rd.
between Herdman & Pink House
ODOR LEVEL: /
<b>NOTE:</b> 0 = No odors, 1 = Light, 2 = Moderate, 3 = Strong
OBSERVER: John Muna
TITLE: Environmental Engineer I

FACILITY: thy land Landfill
DATE & TIME: 4/21/11 10:45 - 330 pm
WEATHER CONDITIONS: Oveness - 35°5 Snowing - Clearing, NW
INSPECTOR'S NAME: John Mann
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Small leachase breakouts on North, west
and South 3, Le Stopes - Same as notel 4/7
and South 3, Le Slopes - Same as notel 4/7 Breakosts are under control. Litter was being collected - site was well
Carea for, some litter in surface runds
ditakes.
Lealiste ponds mointained - both @ 9/21
No odas nited off site.
No Violations noted.

This form given to: Joe Boyles

### HYLAND LANDFILL OFFSITE ODOR INSPECTION

DATE: 1/21/11
TIME: 10:45 Am
TEMP: ~ 35°
WIND: /ight north/northwest
ODOR LEVEL AND LOCATION:
Placoch Hill- no odors noted
Herdman Rd - no odors noted
ODOR LEVEL:
<b>NOTE:</b> 0 = No odors, 1 = Light, 2 = Moderate, 3 = Strong
OBSERVER: John Munn
TITLE: Environmental Engineer I

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

Date

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

	(	For	Use at	Mixed Soli	id Waste Lar	ndfills, l	ndustrial/0	Commercial W	aste Monofills,	or Ash Residue Monofills	)
Γ	FACIL	ITY N	IAME			LOCATIO	N HERED	MAN ROAD	FACILITY NUMBER	DATE TIME	
_	1,0	LA		ANDFIL	١.	ANGE		kuezdny ca		042111	345
		_	R'S NAMI			CODE	i	NTERVIEWED AND			
-	<u>`</u>	<u> </u>	her.		]	5	722				
l	REGIO	ON V	VEATHER	CONDITIONS				DEC PERMIT NUM			
-	7	$\perp$	40		LUCAST			9-1021	32-00	010131101010102	2 <sub>1-1</sub>
	SHEE	Τ		CONTINUATION	N SHEET ATTACH	IED PAR	T(S) 360-				
L	_/_	_ OF .		□ Yes 12	Ĺ No						Attached
		,		Clean Water and T	l Clean Air Acts. A his form is a reco	Additional a rd of cond VI Indicate	and/or Multiple It <b>ions whic</b> h a	e Violations May Be re observed in the fi and do not mean n	Described on the Atta eld at the time of insp o violation has occurr		
С	М	٧		ITY MANAGEM	ENT						
K										.5(a); 360-1.7(a)(1),(b); 360-8.3(d). erials accepted are those authorized	d and
			ар	proved for mana	agement at the fa	cility:			, and some waste mat	strais accepted are triose autitorized	anu
西西西西西西					v-Level Radioactiv m. 360-1.14(e)(1)		360-1.5(b); 3	60-2.17(m).			
\$							Wastes. 360-1	.14(r); 360-2.17(i),(p	)(1).		
3				Bulk Liquids, 3 Whole Tires, 36							
\$					ries. 360-2.17(w).						
	_	_								nd their intended use:	
ģ					r Facility Compon prient. 360-1.14(1		arading, 360-1	.14(f)(1); 360-2.17(h	),(u).		
			4. Op	perational record	is are available w	here requi					
	<u> </u>				Solid Waste Recor Records, 360-1,1		14(i)(1).				
					tion Records, 360	.,,,					
	文				cords. 360-1.14(i)						
	Ã.				or Records. 360-1 n Log. 360-2.9(e).						
	\$				ate Collection and		System Logs.	360-2.9(j)(3).			
	Ŕ				e Site Plan. 360-2						
	π£.				Collection Vehic	ie inspecti	on Hecoras. 3	60-2.17(q).			
Ø.				ATION CONTRO		is sufficie	ntly confined	or controlled. 360-1.	14(i).		
È			6. Du	ist is effectively	controlled, and do	oes not co	nstitute an off-	site nuisance. 360-1	.14(k).		
英母女子								vector breeding are e a nuisance, 360-1	as are prevented, 360	-1.14(l).	
7			WATE		ery controlled so t	mac iney o	o not constitu	e a nuisance, 380-1	. r-(m).		
Z			9. So	ilid waste is prev achate is minimi				r groundwaters. 360 ans and is prevente		ce waters. 360-1.14(b)(2); 360-2.1.7(c	g).
2			11. Ac 12. Or	cess to the facil	ity is strictly and o passable, 360-1.1			oy fencing, gates, si	gns, natural barriers o	or other suitable means. 360-1.14(d).	
Ď.					ead in layers 2 fee	at or less in	thickness, pr	oper compaction is	achieved with 3 passe	es of appropriately sized equipment,	, and the
) BÚ			WC	rking face area	is the smallest pr	acticable.	360-2.17(b)(1)	;		tes are placed and graded in accord	
`			wit	th fill progressio	n plan. 360-2.17(b	o)(2).					
Ø					ration measures a atered Sludges. 3			ovided.			
Ž.					e. 360-2.17(p)(3).						
LX.			COVE	Tanks. 360-2.17 ₹	(1)-						
Ą			16. Da	ily cover materia					applied and maintain	ned where and when required to con	trol
Q'			17. Int	ermediate cover	s, blowing litter, a material suitable				ιπd is applied and ma	intained where and when required.	
	政			0-2.17(d). nal cover system	material is suitab	ole in quali	ty, of proper c	ompacted thickness	, and is applied and r	maintained. 360-2.17(e).	
_		_		FORING				_			
□ Ø	<b>Q</b> (				re intact. 360-2.17 ses are monitored						
			OTHE		i Jambiés amus máts s	i=l=si=					
			On Co	ntinuation Sneet	identify any other	r violations	i.				
	2	,	1.00	a commence of		Les 1	BNTROC	LED IN	THE (AN)	DITICL	
	. 5	)	LEM	(APP (C)	م ر دھے	,	,.,		in ar	,, -	
				1000 1	1012774						
				100.	SOUTH						
				10N X	WEST						
				1	• 1					D-11/2 110	
									· BETNE	PICKED VP eby acknowledge receipt of the opy of this Inspection Report sheet.	
		w	MD.	BLOWN	LITTER	AFTE	N 5740	WMETT!	> ' I here	eby acknowledge receipt of the opy of this inspection Report sheet.	
				•					Facility Co	ANA OLI MIS MISPERMON MARON SUBSET.	
			nA		a						
			M.	2/1/	lane				C maividual I	n Responsible Charge (Please print)	1
			116	pector's Signate	TV NA				Demy 1/2	<u> </u>	
			47.16						>impatitre/I		Date



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)

FAC	ILIT	YNAME	4.5			LOCATION	ON		DATE TIME				
H	7/	IN	d trac	1/37	770	Herd	mon Pd.	Augelicalt.	9 925	17	042	18/1	1300
IÑŚI	⁵EĊ	TOR'S N	IAME, 1 -	1		CODE	PERSONS	NTERVIEWED AN	ID TITLES	_	_		
1	New HINTE					Tee	es LUNA	1, Ld.	SUP	e1000	'L		
REG	HON •		HER CONDIT	TIONS	01 1.		<i>,</i> .	DEC PERMIT N	IUMBER		. 7		
	<u>L</u>	w.	<b>~47</b> , 1	anyl	lany,	60	5	7-02	32-10	000	<u>ر ح 0 ر</u>	000	0 2 -
SHE	ET	3	CONTIN	JUATION S	HEET ATTAC	HED PA	RT(S) 360-						
	L	OF <u></u>	- A	′es □ N	0								Attached
								e and Criminal Sa					ite,
			the Clean Wa	ater and Cit	ean Air Acts. form is a rec	Additional	and/or Multiple	e Violations May I are observed in th	Be Described on	the Attach	ed Continua	ition Sheet.	
								and do not mea					
			. •		T 360 PERMI	т 🗅	ORDER ON O	CONSENT (	□ EXEMPT	□ COM	PLAINT		
NI D			.CIL!TY MA! . Solid wast			authorize	d and manage	ment occurs withi	n approved area	s. 360-1.5 <i>(</i>	(a): 360-1.7(a	a)(1) (h): 360-f	3.3(d)
			. Incoming s	olid waste	is monitored	by a contr		unauthorized wa					
<b>J</b>	0				ment at the f evel Radioact		s. 360-1.5(b); 3	60-2.17(m). 🛝	er AC	CEP1	7 <u>-</u> 7		
Ó					360-1.14(e)(1		Master 260	4 4 4 4 4 4 2 5 0 0 4 7 11					
	0	=		quids. 360-		or special		1.14(r); 360-2.17(l					
翻		<u> </u>		Fires. 36-0-2	2.17(v). s. <b>360-2.1</b> 7(v	. >	LOT	ACCUEPT	ن عا				
		3	. Operator n	naintains ar	nd operates f	acility com		quipment in acco		permit and	their intend	ed use:	
0		_ _			cility Compo ent, 360-1.14		Grading, 360-	1.14(f)(1); 360-2.1	7(h),(u).				
=			. Operationa	il records a	re available i	where requ							
					d Waste Rece cords. 360-1		1.14(1)(1).						
奥					Records, 36 is, 360-1.14(i		).						
*		_	e. Facility	Operator F	lecords, 360	-1.14(u)(1).	,						
羅		<u> </u>			og. 360-2.9(e Collection ar		I System Logs	. 360-2.9(j)(3).					
86 Arc			h. Asbest	os Waste S	ite Plan. 360	2.17(p)(2)		2,,,					
9	L	□ □	i. Handoi PERATION C		ollection veni	cle inspec	tion Records.	360-2.17(q).				1.01	3.4
		□ 5	. Solid waste	e, including				or controlled. 360	)-1.14(j). <b>Ve</b> A	es w	コペルグ	Lot	1/2012
								i-site nuisance, 36 vector breeding	60-1.14(k). areas are preven	ted. 360-1.	.14(h.	Wind	DIALC TO
	E							te a nuisance. 36					was re.
	r		ATER . Solid waste	e is preven	ed from ente	ring surfac	e waters and/	or groundwaters.	360-1 14/b\/1\				
								eans and is preve		ng surface	waters, 360-	-1.14(b)(2); 36	0-2.1.7(g).
_			CESS	the facility	e etrictly and	continuou	sly controlled	In Securing Propose	La Danie	Seart or a	othor avitabl	e means, 360-	4 4 4 (4)
					sable. 360-1.	14(n); 360-	2.17(s).	1	, , , , , ,				
	_		ASTE HAND			Ko	ad to S	E boon				ded.	
IJ	ı.	<b>13</b>					in thickness, p . 360-2.17(b)(1	roper compaction ).	i is achieved with	13 passes	ot appropria	itely sized equ	upment, and the
	C	□ 14			ceed 10 feel an. 360-2.17		at least 4 perce	ent and no more ti	han 33 percent, a	and wastes	are placed	and graded in	accordance
			Solid waste	preparation	n measures	and/or pre	cautions are p	rovided:					
<b>2</b>		<u> </u>			red Sludges. 160-2.17(p)(3			EGPTE	- N				
		3	c. Tanks.	360-2.17(r).		, ,	-, Au	eep i G	ري				
			VER Daily cover	material is	suitable in d	mality, of n	roner compac	ted thickness, and	d is applied and a	maintained	where and	when remilled	1 to control
_	_		vectors, fire	es, odors, t	olowing litter,	and scave	nging. 360-2.1	7(c).					
U	ε		360-2.17(d)	).				mpacted thicknes					
*	C	□ 18	Final cover	system ma	aterial is suita	able in que	ity, of proper	compacted thickn	ess, and is applic	ed and ma	intained. 360	1-207(e):Ap	ã.
4	Ε	٦ 40	Manitarina	wells are in	Mark 200 0 1	7(-), 200 (	2 4 4 / - 1/61 / - / -	14161			-		
建	C	□ 20	. Decompos	ition gases	are monitore	ed and con	trolled. 360-2.	17(f); 360-8.3(c).					
		01 On	HER Continuatio	n Sheet ids	ntify any oth	er violation	ıs.						A
,		٠.	Comment	1 _		) .		. 0	locati	in a	m	. למיסב	west
) c	m	12/2	eus,	1312e	sh or	<i>†</i> . '	+ pon	nderay	10000	5	, /	1 1-	1- let
٠	•	1		. e	Don	oite	cat	chmai	t tree	m ch	ردع:	note	, record
U	فار	7 71 1	2 . 0 M	, د.	~~ y				1).		ا سے	D 10	20 AF/
5	//	le	avi-s	5,7	e n	n , 4	vest	イン	oesn	J. 44	, <b>-</b> ^	7 '''	
8 د	•	,	J.	۵	lon .	12						-	
P	1	ing 0	n W	Xse.	中への方	"		nd	1	1	50 0	4.	weat , leadal od fill bs he he sheet.
, الأسحب	, 644	• •			ュ	D		nuch	upsh	L hereby	y acknowled	ge receipt of t	he
) , ,	ed	to	AGV	e 4	2 Vit	for	m I	. ,	1 /1.5	acility Cop	y of this insp	ection Report	sheet.
	Į.	ا ،	a mel		e,n:	che	3 Sp	m	V / WIR	<i>ا</i> ر	D ::-	Oh	
<b>(1</b> )	D.	y 7	geson.	م ر	1/		1		ر کن <sub>ind</sub>	lividual in f	responsible 	Charge (Pleas	se print)
	٠.	1	Inspectors	Signature					<u>عه ک</u>	~ h~		·	
4		//	//		~ >				aignature	•			Date
-	U	K	:/(	/(	)		BEGIO	NAL OFFICE	COPY				

### 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 N	, ,	:1.ty	HERDMAN	RI. An	iselical	(7)	FACILITY NO		11 1300
	INSPECTOR	'S NAME	/	СО	DE PERSO	NS INTERVIE	WED AND TITLES			
	REGION	SHEET	_	NTINUATION SHE		ED WEAT	HER CONDITIONS	3		UNDER ORDER  ☐ Yes ☐ No
	Violations	of Part 36	0 are Subje	ect to Applica	ible Civil, A	Administrat	tive and Crimir eet One of this	nal Sanctions	Set Forth in	ECL Article 71.
	۹ /۱	rovide site s	ketches, clarif	ication, suppleme	ental⁄Intormat	tion de ations	of photographs o	r samples and/or		lations.
	N.			POT	enin	described in	detail and located	on a sketcing		0.3
)				$\neq$ $^{w}$	X X	k	X	XX	1	Sink.
					X.			0	对	7 0:
V							Bench	T TOP OF	SLOPE	Side Rai
			. 1		-	Strategy washingtoner	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	-	2	1317
$\left(\begin{array}{c} x \end{array}\right)$	-000		$\int$		-	1	1-1	1	12 1	Leadante
	I Wash.								4	
X		:								
Ш			1/					/ >		
				(						
	. Lim							)	(	
	Solution	\	<i>[</i>	· _		~	-			
sel.	•					1			ı	
						1	L			
		/								1 1
1	a la T	- L	PAUN	ile en	west	- a a	sarch s	Ne de	spite	collection  throw of this
L*	Lren	ches.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,	· / )	4
-1.	erous ead of	ba	ends o	* por	رمنه	en u	hereby acknow	vledge receip ort sheet.	to the Each	of this
1		- J	espector' Sid	nature	J	to 54	f-mahindivid	1/2 Bolto	D W in V	blows
. C	reliu	ingy (	end it	ams/8	using		landura	Joseph Joseph John John John John John John John Joh	onargo prodo	blows e print]  Tilt on 0.
U /	làske	d I	a. 1000	of at 20	.3 So	n Cel	$\mathscr{U}  \mathcal{3}_{\underline{.}}$	Nohi	h lead	. lift on O.
- Z - ]	eachale	/sa	sein a	re boto	6, X	pleade t	tercepart	rie to	rema	Telt on O.
2		- 17	~ 0-	- //	•					

FACILITY: fylans Landfill
DATE & TIME: 4/28/11 10:30 10 Pm WIND- AY6 = 30 MA
WEATHER CONDITIONS: Windy, PARTY CLOUDY, GUSTS > SOMPH,
INSPECTOR'S NAME: JOHN MUNN, KEVIN HINT

### VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

- NOT EXFECTIVE. WORKING FACE TOO LARGE INAPPROPRIATE

  FOR OPERATING. CONDITIONS WASTE DUMPED HIGH THEN

  PUSITED \* 200' DOWN SLOPE & SPREAD | COMPACTED.

  LARGE WORKING FACE CONTRIBUTING TO BLOWING PLASTICS

  \* PAPERS 3 DUSTS. TERRY LINN TOLD ST PROBLEM &

  CORRECTED CONTINGENCY PLAN REVIEWED LANGUAGE WAS

  VAGUE. PERMIT WAS SPECIFIC BUT NOT APPLICABLE TO

  THE SITUATION, SITUATION WAS SERIOUS PAPERS + BLASTICS

  WERE BLOWING HUNDREDS OF YARDS
  - 2. LEACHATE BREAROUTS ON NONTH & WEST SLUPES ARE NOT BEING INTERCEPTED BY A TRENCH & REDIRECTED INTO THE LANDFILL LEACHATE IS BLENDING INTO DISTURGED CLAY AND SURFACE WATER ON THE SIDE SLOPE

		1-0	7	
This form	given to:	TETTING	LUNN	
	_			

FACILITY: PHYLAND LANDRICE, PAGE 2 OF	2
DATE & TIME: 4/28/11 10 30m - 1 - pm	
WEATHER CONDITIONS:	
INSPECTOR'S NAME:	
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS	
TIRE WASH IS INEFFECTIVE FOR CLAY /D.  VEHICLES PASS THROUGH ACCUMULATION M.  THE WASH. WHILE THE WASH MAY ADDRE  WASTE, IT FAILS TO SOLUE THE PROPER  COMBINED WITH THE UNPARCED DRIVE  CLAY, AND IN IT MAY ALSO BE CON  ROADWAY DUST BY FROM THE WATTER  GENTRATES	STHE TRACKED LEM DE TRACKED WY SURFACES WTHIBUTING TO
DESCRATE MODITORS NEED MAINTENANCE	

This form given to: JERRY LUND

MH/File

# **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.

KH PEH

02817

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.

FACILITY: Hyland handfill angelia Ny

DATE & TIME: 3/2/11 @ 625 m - 10:10 pm

WEATHER CONDITIONS: Mid 30's -/1914 fluries overcast some

Cloud break, Westerly wind-steady

INSPECTOR'S NAME: John Munn

### VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

arrived @ 1-86 + 91 bsm Hill Rd @ B25 Am

Drove 9,65 m Hill to Angelica, 4 mrough Angelia to

Peacock Hill. Slight landfill extors noted on

Peacock Hill at cell tower, but not strong.

Drove into langelica and along County Rt 2

to see if odors traveled. Did not notice

odors any other locations

Toured landfill w/ Terry Lum - Landfill is under control - Some litter in trees but it was scheduled to be picked today. About 10 trucks lined up @ start of day (~700 pm), garbage @ working face is being coresed. No protruding was to seen. Good cores. Roadways are good/wantoned. This form given to: Terry Lung

Surface wase ponds are free of litter of rungs is flowing as intended. All looks good.

- GTEP down 1/2 to detn -> Terry tuan given notice 1/2 to get Flave up

FACILITY: Hyland landfill - Angelica
DATE & TIME: 3/8/11 100 pm - 2pm
DATE & TIME: 3/8/11 / pm - 2pm  WEATHER CONDITIONS: Sunny, "30 F Snow Core
INSPECTOR'S NAME: The Munn
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Strong landfill gar soon by flare; along north permeter vone
a all along western roadway.
Both leachate junder @ 12'-leachate is being hauled.  Me Les @ 11.1 (Buy 1- north), 10.8 (Buy 2 - South pond)
Flare run @ 880 CFM Rup@ 1842 - System Shut down
by Roch gas + Electric System back on line +
odors deminished.
No litter problems.
Met w/ Joe Boyles, Terris Lann,
Met Larry Skilling, Reg. VP (from Alfred) for Caslle
This form given to:

FACILITY: Ayland Landfill	
DATE & TIME: 3/15/11, 12-100 pm	
WEATHER CONDITIONS: 30 & - 40 & , bught hazy &	ky
INSPECTOR'S NAME: Sohn Many	

# VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Snow melting-mostly gone - emerging little in Storm water channels / drainage ditakes, especially on north + westsides of side. Litter pickup is unduway w/ bags lined up for pickup. Some oders when went North 5ide Stopes. Storm water/sunface water on south/ Southwest are clear of litter, Some protruding waste on southen slope, and waste exposed from gas line installation needs to be correctible stope is stable Safe to work on. After in words beyond nothern Jence line. Waste consed@ working face looks good. Roadway into landfill has some ASA / distaccumulation.

This form given to: Terry Lung

Der carcor 6595 gibin Hill es

FACILITY: Afgland Landhill
DATE & TIME: 3/24/11 11:00 Am
WEATHER CONDITIONS: Mostly Cloudy, 8" Snow Cover, 20's
INSPECTOR'S NAME: SOHN MUND
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
Approached on Peacoch Hill from I-86. Nonces Doors By PINE House AND
CAR THE TO TOLOGIAN FROM NOTH ODORS SMELLED
FUNTHER DOUTH. GOT OUT OF CHILL POTTING SAN DUST - PROBABLY FROM SITUM M. L. LANDFILL GAS BUT ALSO LIKE ROTTING SAN DUST - PROBABLY FROM SITUM M. L. TONFIRM ON EXIT. (WIND DIR PER HYLAND'S STATION - MNE)
PCONFIRM ON EXIT. (WIND DIRECTE THROUGH 8/3, - VERN NOT ON PAREN L.  - CHIP TIRE TEMP LOG CHECKED - COMPLETE THROUGH 8/3, - VERN NOT ON PAREN L.  - DANY LOG CHECK FEEL TO MANCH 23. DE SIGNIFICANCE LITTER PICK DE  - DANY LOG CHECK FEEL TO MANCH (3/22) 3 GRAYER PLACEO TO REDUCE TRACKING,  EFFORT & TIRE WASH OPERATIONAM (3/22) 3 GRAYER PLACEO TO REDUCE TRACKING,  STREET SUCCEPING STATED DEBUTE FOR COMPLETE ON MARCH - PREN 3/16, CELL 3 C. 4 THEN STREETED  THRE WASH STATED ON 3/22 (WEATHER PERMITTING)  - DMY LEACHASE - FEE - COMPLETE ON, MARCH - THRU 3/16 - ON  WEEKLY LEACHASE - FEE - COMPLETE ON, MARCH - THRU 3/16 - ON  WEEKLY RAMPON WASTE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/16 - ON  WEEKLY RAMPON WASTE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/24  WEEKLY RAMPON WASTE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/24  WEEKLY RAMPON WASTE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/24  WEEKLY RAMPON WASTE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/24  WEEKLY RAMPON WASTE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/24  WEEKLY RAMPON WASTE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/24  WEEKLY RAMPON WASTE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/24  WEEKLY SEE PROPOSITION - FEE - COMPLETE ON, MARCH - THRU 3/24  WEEKLY SEE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/18 - ON  WEEKLY SEE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/18 - ON  WEEKLY SEE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/18 - ON  WEEKLY SEE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/18 - ON  WEEKLY SEE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/18 - ON  WEEKLY SEE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/18 - ON  WEEKLY SEE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/18 - ON  WEEKLY SEE INSPECTION - FEE - COMPLETE ON, MARCH - THRU 3/18 - ON  WEEKLY SEE INSPECTION - FEEL - COMPLETE ON, MARCH - THRU 3/18 - ON  WEEKLY SEE INSPECTION - FEEL - COMPLETE ON, MARCH - THRU 3/18 - ON  WEEKLY SEEL - THRU 3/18 - ON  WEEKLY SEEL - THRU 3/18 - ON  WEEKLY SEEL - THRU 3/18 - ON  WEEKLY SEEL - THRU 3/18
masks litter, but there's none in the snow.
This form given to: TERRY LUNN

# 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				
- 1	2/5	12%	WA LANDELL	An	165-111A	NY	10,2,5,1	17	9,3,2	17111	1100
ľ	INSPE	CTO	R'S NAME	COD		NTERVIEWED AND	TITLES			<del></del>	L
-			44 (1								
-			~ MUNN	l	TERRY	ILUNN,	OPERATT.	カルリ	MANA	ille	
	REGIO	אואכ	EATHER CONDITIONS NNE L	UM		DEC PERMIT NUM	ABER ·				
	9		HOSTLY CLOUDY, 20'S,	BR	14.2T-Sin	9-10-20	3121-101	010	10.30	1100	カラニ系
-	SHEE	T	CONTINUATION SHEET ATTAC	HED	PART(S) 360-			<u> </u>	15 10 1/1		C 1/2-04   760
-	•										
		OF	□ Yes □ No	ı	-						Attached
_		1	finistings of Box 200 are Cubinet to Appl	achla C	ivil Administrative	and Criminal Cons	tions Cat Forth in	- FOL A	etials 71 and	aa Anneansia	•
		,	/iolations of Part 360 are Subject to Appl the Clean Water and Clean Air Acts.								ie,
	This form is a record of conditions which are observed in the field at the time of inspection.										
						and do not mean n					
			jar PART 360 PERM	T	☐ ORDER ON C	ONSENT	EXEMPT [	COM	IPLAINT		
C	MI	٧	FACILITY MANAGEMENT								
Ø			<ol> <li>Solid waste management facility is</li> </ol>								
•			Incoming solid waste is manitored		ontrol program for	unauthorized waste	e, and solid waste	e mater	ials accepted	are those aut	horized and
	屡		approved for management at the i a. Hazardous/Low-Level Radioac		stes. 360-1.5/b): 3	60-2.17(m). At la					
×			b. Control Program. 360-1.14(e)(								
N N			<ul> <li>Department Approved Facility</li> </ul>	for Spec	ific Wastes, 360-1	.14(r); 360-2.17(l),(p	o)(1).				
×				4/4							
DE COL			e. Whole Tires. 36-0-2.17(v). ***/f. Lead Acid Batteries. 360-2.17(v	A NA	, 1						
_	_	-	3. Operator maintains and operates	acility o	, omponents and e	quipment in accorda	ance with the per	rmit and	d their intende	d use:	
×			<ul> <li>a. Maintenance of Facility Compo</li> </ul>	nents/S							
R			b. Adequate Equipment. 360-1.14								
Ì¥			<ol> <li>Operational records are available a. Unauthorized Solid Waste Rec</li> </ol>								
Ø			b. Self Inspection Records. 360-1								
N TO TO TO AN			c. Permit Application Records. 360-1.14(i)(3).								
N.			d. Monitoring Records. 360-1.14(i)(4).								
E E			e. Facility Operator Records. 360-1.14(u)(1). f. Fill Progression Log. 360-2.9(e).								
)20			g. Primary Leachate Collection a		oval System Logs	. 360-2.9(j)(3).					
	<b>188</b>		h. Asbestos Waste Site Plan. 360								
M			<ol> <li>Random Waste Collection Veh</li> </ol>	icle insp	pection Records, 3	360-2.17(q).					
	_	_	OPERATION CONTROL		6-:N6		4.470				
,⊠ Day			<ol> <li>Solid waste, including blowing litte</li> <li>Dust is effectively controlled, and</li> </ol>								
1			7. On-site vector populations are pre					d. 360-1	.14(i).		
×			<ol><li>Odors are effectively controlled so</li></ol>	that th	ey do not constitu	te a nuisance. 360-1	1.14(m).				
			WATER								
Z			Solid waste is prevented from entrance							1 4 4 / 1-) / 0) - 00	0.04'7(=)
34	ш	ш	10. Leachate is minimized through dra	amage (	ontrol or other me	eans and is prevente	eu tram entening	surrace	waters. 36u-	1.14(0)(2); 35	J-2.1.7 (g).
שא	_		ACCESS 11. Access to the facility is strictly and	t contin	inusty controlled	hy fancinn detec si	ione natural harr	riers ar	othar suitable	maone 360.	1.14(4)
æ			12. On-site roads are passable, 360-1			by lending, gates, si	igno, naturar can	1010 01	otrier suitable	means. 300	1.1 <del>4</del> (d).
-			WASTE HANDLING	. ,.	. ,						
×			13. Solid waste is spread in layers 2 f				achieved with 3	passes	of appropriat	tely sized equ	ipment, and the
<b>L</b>	_	_	working face area is the smallest								
ð			<ol> <li>Lift height does not exceed 10 fee with fill progression plan. 360-2.17</li> </ol>		is at least 4 perce	m and no more that	n 33 percent, and	u waste	s are placed a	and graded in	accordance
			15. Solid waste preparation measures		precautions are p	rovided:					
	20		<ul> <li>a. Stabilized/Dewatered Sludges</li> </ul>	360-2.							
	E		b. Asbestos Waste. 360-2.17(p)(3	i).							
	)S		c. Tanks. 360-2.17(r).								
<b>S</b>	П		COVER  16. Daily cover material is suitable in	villeur	of proper compac	ted thickness and is	s anniiad and ma	intaine	d where and v	when required	to control
~			vectors, fires, odors, blowing litter				o applico una me			on required	
Ø			<ol><li>17. Intermediate cover material suitab</li></ol>				and is applied ar	nd mair	stained where	and when red	juired.
		_	360-2.17(d).							0.47(-)	
	×		18. Final cover system material is suit	able in	quality, of proper of	compacted thicknes	s, and is applied	and m	aintained, 360	-2.1/(e).	
	71,34	_	MONITORING	17/01-0	20 0 11/2/2014 /-	V4V6V					
□ <b>湿</b>	) <b>24</b>		<ol> <li>Monitoring wells are intact. 360-2.</li> <li>Decomposition gases are monitor</li> </ol>								
_	_	_	OTHER								
			On Continuation Sheet identify any other	ner viola	tions.						
			• •								

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

Takey Lucion
Individual in Responsible Charge (Please print)

Signature

. ./\

Date

FACILITY: Afyland Landfill
FACILITY: fylarol bandfill  DATE & TIME: 3/28/11, 2pm
WEATHER CONDITIONS: Sunny 20's, snow core, dry roads
INSPECTOR'S NAME: John Munn
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
From by Hyland to monitor for odoss via
Peacoch Hill from CRZO - None noted.
While driving up Peacock Hill I tollowed a
Semi trailer that was Pickery up Justican
road dust - was about 100 De kind which
he truck was almost obscured by voal dust,
up Peacock Hill and onto Herdman Rd
Entered landfill + Spoke of Terry ? Joe Boyles
Water not fearable at this time due to road icing
Concerns.
Concerns.

This form given to: \_\_

FACILITY: Hyland Landfill
DATE & TIME: $\frac{3}{29}/u$ //: $\frac{30}{29}$
WEATHER CONDITIONS: Sunay, Blue Sky 20's, Southwest Wind
INSPECTOR'S NAME: John Muna
VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS
gilling So thrace Cell 3C
Hosta pond "I' from bottern of pape. South pond " 2' from both
of pipe.
SPEDES Permit Scent 44 is evect.
detter is under certail Dady core look; good -
the exposed waste seen. Have was running
lailier at vequest of gas plant. No odor's noted.
gan plant war operating when I arrived. Heavy Stormwater rung diverted around stone
wiers in channel to retention possed on SE corner.
Terry is aware and harstone on hand to repair
; regrade the deamage Channel.
No odors noted on site. Travels took me along
north road to south west poul and along east road to sowth stormwater poul, to ADC staging area abone working face. No odors noted. No Vio letton, This form given to:  Terry Luin
to sowth stormwater poul, to ADC staging area
This form given to:
lerry Luna

11H/File MAH /File

OH

## **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) TM

#### **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.



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)

Γ	FACIL	JTY N	AME	LOCATIO	N		FACILITY NUMBER [	DATE	TIME			
	4	12.0	IND CANDFILL	4	NGELI	160	02517	5.2111	11/030			
ŀ	INSP	CTOF	R'S NAME	CODE		INTERVIEWED AND		219/10	911 1000			
l	-	Soul	N MUNN	Ş	JOE T	304165,	P. WA					
-	REGI		EATHER CONDITIONS	~	OUE	DEC PERMIT NUI	MBER					
	9		Mark Clark Car	2		1 _		a 2 A				
-	SHEE	 T	CONTINUATION SHEET ATTACK	<i>کے</i>	T(S) 360-	1 - 0 2	312-101010	0 3/0/0	1002			
		•	) Solution of Eliza Armor		1 (0) 000							
L	<u></u>	_OF _										
		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.											
							no violation has occurred.					
			☐ PART 360 PERMIT		ORDER ON C	CONSENT	EXEMPT   COMP	LAINT				
c	NI	٧	FACILITY MANAGEMENT									
100			<ol> <li>Solid waste management facility is a</li> <li>Incoming solid waste is monitored to</li> </ol>									
_	_	_	approved for management at the fa-	cility:				no do ropilos di o un	200 add 101160 a circ			
) D	- 🗆		<ul> <li>a. Hazardous/Low-Level Radioacting</li> <li>b. Control Program, 360-1,14(e)(1)</li> </ul>		. 360-1.5(b); 3	60-2.17(m). <b>1/07</b>	ACCEPTED					
			<ul> <li>Department Approved Facility to</li> </ul>		Wastes. 360-	1.14(r); 360-2.17(l),(;	p)(1).					
			<ul> <li>d. Bulk Liquids. 360-2.17(k).</li> <li>e. Whole Tires. 36-0-2.17(v).</li> </ul>	No.	T Ace	EPTED						
	4		f. Lead Acid Batteries. 360-2.17(w)		•							
Z			<ol> <li>Operator maintains and operates fa</li> <li>Maintenance of Facility Compon</li> </ol>					their intended use:				
1			b. Adequate Equipment, 360-1.14(		araumg. 500°	1.14(1)(1), 500-2.17(1	η,,(α).					
æ.			<ol> <li>Operational records are available was a. Unauthorized Solid Waste Record</li> </ol>									
_			b. Self Inspection Records, 360-1.1		.14(1)(1).							
Z			<ul> <li>c. Permit Application Records. 360</li> <li>d. Monitoring Records. 360-1.14(i)</li> </ul>		•							
			e. Facility Operator Records. 360-1	.14(u)(1).								
7			<li>f. Fill Progression Log. 360-2.9(e).</li> <li>g. Primary Leachate Collection and</li>	Refe.	+ Ra	d 1300k						
			h. Asbestos Waste Site Plan. 360-2			s. 300-2.9(j)(3).	·					
			i. Random Waste Collection Vehic	le Inspect	ion Records.	360-2.17(q).	JONON MEL	T 15 GAP	ODING LITTER			
ø			OPERATION CONTROL  5. Solid waste, including blowing litter,	is sufficie	ntly confined	or controlled 360-1	140FT WILL	NEED TO B	E PIERCO UPO S PERMIT			
	<b>F</b>		<ol><li>Dust is effectively controlled, and de</li></ol>	oes not co	nstitute an of	f-site nuisance. 360-	1.14(k).~ <i>MB~</i> ラル	on Coven	. 12.20.00			
			<ol> <li>On-site vector populations are previous.</li> <li>Odors are effectively controlled so t</li> </ol>					14(1).				
•			WATER									
Z			9. Solid waste is prevented from enter									
2	ш		<ol> <li>Leachate is minimized through drain</li> <li>ACCESS</li> </ol>	age conti	ol or other m	eans and is prevente	ed from entering surface t	vaters. 360-1.14(b)	(2); 360-2.1.7(g).			
Z	<b>'</b> 🗆		11. Access to the facility is strictly and	continuous	sly controlled	by fencing, gates, s	igns, natural barriers or o	ther suitable means	s. 360-1.14(d).			
Z			12. On-site roads are passable. 360-1.1	4(n); 360-	2.17(s).				•			
			WASTE HANDLING  13. Solid waste is spread in layers 2 fee	nrlessi	n thickness n	roner compaction is	achieved with 3 nasses	of appropriately siz	ed equipment, and the			
_			working face area is the smallest pr	acticable.	360-2.17(b)(1	<b>)</b> .						
Æ			<ol> <li>Lift height does not exceed 10 feet, with fill progression plan. 360-2.17(t</li> </ol>		t least 4 perce	ent and no more that	n 33 percent, and wastes	are placed and gra	ided in accordance			
_			15. Solid waste preparation measures a	nd/or pred		provided:						
	□ <b>Z</b>		<ul> <li>a. Stabilized/Dewatered Sludges, 3</li> <li>b. Asbestos Waste, 360-2.17(p)(3).</li> </ul>	60-2.17(n)	). 	<b>.</b>						
Ī			c. Tanks. 360-2.17(r).	1801	ACCEPT	60						
Page 5		_	COVER			and should be		,				
Ø			<ol> <li>Daily cover material is suitable in quivectors, fires, odors, blowing litter, a</li> </ol>				s applied and maintained	where and when re	equired to control			
Z							and is applied and mainta	ined where and wh	nen required.			
	4		Jou-2.17(0).  18. Final cover system material is suitat	ole in qual	ity, of proper (	compacted thicknes	s, and is applied and mai	ntained, 360-2.17(s	11. 42/2			
	′.		<ol> <li>Intermediate cover material suitable 360-2.17(d).</li> <li>Final cover system material is suitat MONITORING</li> <li>Monitoring wells are intact. 360-2.17</li> </ol>					(0	NO SUID			
	<b>Z</b>		<ol> <li>Monitoring wells are intact. 360-2.17</li> <li>Decomposition gases are monitored</li> </ol>	(a); 360-2	.11(a)(8)(v),(c	(1)(i).		•	TINAL COVER			
تعر	П	u	OTHER	anu com	. oneu. 360-2.	17(1); 300-5.3(C).						
			On Continuation Sheet identify any other	r violation	s.							

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

Milm Cana Signature

Individual in Responsible Charge (Please print)

Server 2-16-1
Signature Date

# Mark-FYI

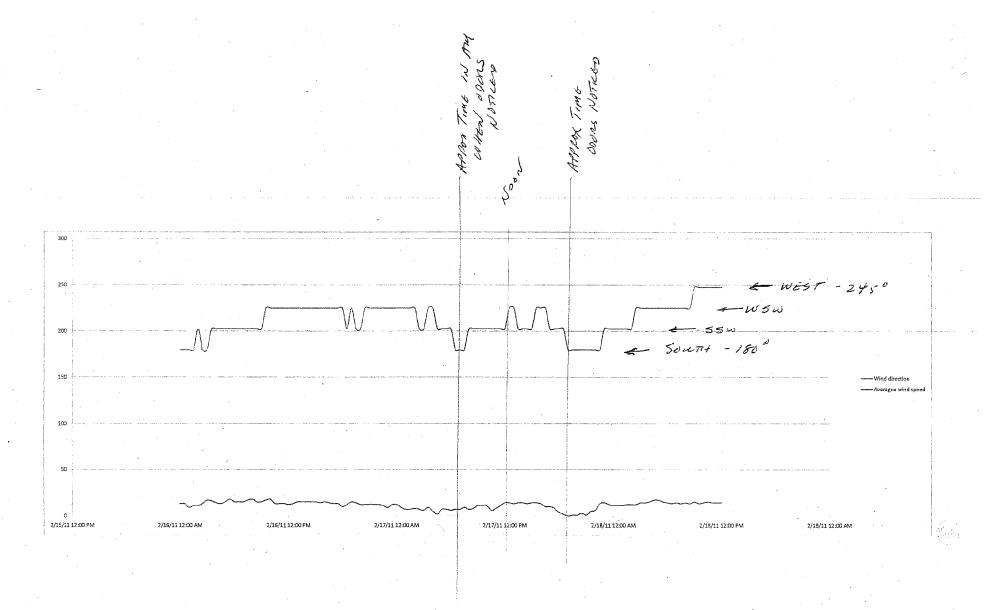
### DAILY INSPECTION REPORT

Facility	HYLAND GANDFILL, ANGELICA	
Date & Time	2/18/2011	
Weather Conditions	Sunny, 50's overcast sky strong SSW wind	quests
Inspector	JOHN MUNN	, -

### VIOLATIONS?AREAS OF CONCERN/OBSERVATIONS

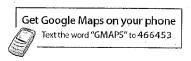
Observations: I'm here on an oder complaint sector from complaintents observations 2/17 at approx 7 Am + 5 pm (to /from work). I stopped in Angelia and spoke w/ 4 ind. viduels regarding their observations One to Id me he smelled odos on CR 20 (gilson Hill) occasionally. Went to landfull & 12 pm + Spike w/ Joe Boyler re why I was here. The downhaded wind data, for me - confirmed direction was from SSW. " and growed 2/19 would was from SSW all sky.

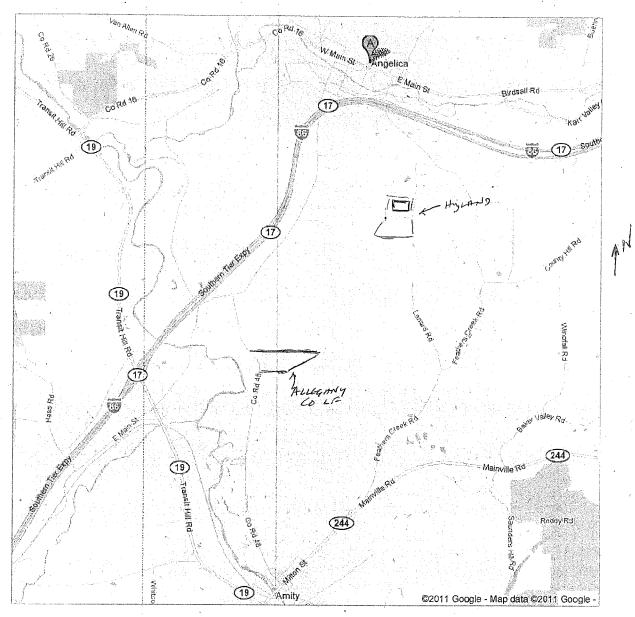
Areas of Concern: Terry burn came in and mertined he was travely along CR 20 last night with his wife and also smedled overs on Gilson 4.11- confined complaintant's observation. Based on would direction, odors would not be from Hyland. En addition, The landfill guardilecten line was capped and backfilled by 10 mm on 2/17 elimenting a possible Areas of Progress oder Source. Band on these observations and Stakments, it is my opinion that Hyland was not the some of the complaintent's odors. I suspent the allegang Land III may be the source, based on statments of oder location, wind direction and lack of odor/ger This form given to: mit gation Q the County faith! John A. Brown



Hyland wind direction/ Speed 2/16-2/18/2011

# Google maps Address Angelica, NY





MH/File

## **Monitoring Report**

Distribution:

Mark Hans; P.E., Regional Materials Management Engineer

(aleasable

Jan-Releasable-

Joseph Boyles, Landfill Manager

Facility Name:

Hyland Landfill

Facility Number:

02S17

Date:

February 7, 2011

Reporting Period:

January, 2011

Facility Monitor:

John Munn IM

#### **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.

XH \_\_\_

02517

#### **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 Tucsday, 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.

Inspector's Signature



# 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

Date

SOLID WASTE MANAGE	EMENT FACILITY INSPECTION REPORT  Continuation Sheet	diameter and
FĄCILIŢY NAME	LOCATION FACILITY NUMBER DATE TIME	
Hyland LFGTE	Arabas R. Aselicas 0,7 FO 1/0,1,06,11/140	0
INSPECTOR'S NAME	CODE PERSONS INTERVIEWED AND TITLES	
Kevin Histz	Joby Witzigman-	
REGION WEATHER CONDITIONS	DEC PERMIT NUMBER	
SHEET CONTINUATION SHEET ATTACH	<u> うんさい                                   </u>	1_
OF Yes No	Attack	hed
Additiona Provide site sketches, clarification, s	ect to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. al Violations May Be Noted on Sheet One of this Inspection Report. supplemental information, locations of photographs or samples and/or locations of violations. cted violations must be described in detail and located on a sketch).	
92-937.		
106 Majo wats pelido	7	
- All engines have he 50 = of head, before	at chardy every 10,000 GRs.	
Sure della coltan has	we scaled up 1 mil 5:11 nestly well.	
Jipa andonation on Ad	II had heat exchange in stocks	
Author engine down the	nord.	
everyone ROLNING Small	on they	
5390 methode, 190 out		
Do broplens , ve as	7//5	
Do proces y		
Facility in god	I Ingell	
9		
	I hereby acknowledge receipt of the	
al Me	Facility Copy of this Inspection Report sheet.	
Mei 4 Mg	Individual in Responsible Charge (Please print)	

REGIONAL OFFICE COP

FACILITY: Hyland	
DATE & TIME: 1/20/1/	11:40
WEATHER CONDITIONS: Light 50	au partil sur
INSPECTOR'S NAME: Wevin Ha	

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Cell IANB - seconday 21.4 inches - Light Not and

feat Trance Light on Value dripping in Side River Bldy for Cells 1 = Z.

Value dripping in Side River Bldy for Cells 1 = Z.

Waste being topilled at of land fill Must be

Cleared up.

This form given to: Terry Lund



# 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)

	FACI	LITY NA	ME 1	LOCATION FACILITY NUMBER DATE TIME
1	Ц		1 LIA	Heromon Hill Rd. Angles 0,2517 012711 1200
-	INSP	FOTOR	S NAME :	CODE PERSONS INTERVIEWED AND TITLES
1	INSPECTOR'S NAME			
1	U-	esio	n HINTE	5 Joe Boyles, GM
1	RÈGI	ION WI	EATHER CONDITIONS	DEC PERMIT NUMBER
1	0	3 /	Vercust, Swar Z	20's 9-10,23,2-10,0,0,031,00,0,02-1
- 1	(			
ı	SHEE	ĔΤ	CONTINUATION SHEET ATTAC	CHED PART(S) 360-
- 1	j	.OF	7   *** ***	
L	<u> </u>	_, 0r _	∠ ALYes □ No	Attached
		V	olations of Part 360 are Subject to Appli	icable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate,
				Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.
				cord of conditions which are observed in the field at the time of inspection.
			items marked	indicate no inspection and do not mean no violation has occurred.
			PART 360 PERMI	IT ☐ ORDER ON CONSENT ☐ EXEMPT ☐ COMPLAINT
C	Ni	V	FACILITY MANAGEMENT	
藥				s authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).
				i by a control program for unauthorized waste, and solid waste materials accepted are those authorized and
₫			approved for management at the f	
<u></u>			b. Control Program, 360-1.14(e)(1	
<b>2</b>		_		for Specific Wastes. 360-1.14(r); 360-2.17(I),(p)(1).
	<b>3</b>		d. Bulk Liquids. 360-2.17(k).	
	ď		e. Whole Tires. 36-0-2.17(v).	NOT ACCUPTED
	Ø		f. Lead Acid Batteries. 360-2.17(w	v). /
<b>2</b>				facility components and equipment in accordance with the permit and their intended use:
四			Adequate Equipment 360-114	Onents/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
~	_		Operational records are available v	where required:
<b>(2</b> )			a. Unauthorized Solid Waste Rec	
<b>3</b>			<ul> <li>b. Self Inspection Records. 360-1</li> </ul>	J.14(i)(2).
	<b>89</b>		<ul> <li>c. Permit Application Records. 36</li> </ul>	50-1.14(i)(3). Le e le trans
<b>3</b>			d. Monitoring Records, 360-1.14(	10) Note wante street, 5 /or /
			e. Facility Operator Records, 360- f. Fill Progression Log 360-3 0/o	1.14(1)(2). 1.14(1)(3). 1.14(1)(1).  1.14(1)(1).  1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1.14(1)(1).  1.1
<u></u>	- <u>-</u>		g. Primary Leachate Collection at	10(4). — NOTE DESINGE STORY STORY STORY STORY'S  10.14(u)(1).  10.1.14(u)(1).  10.1.1.14(u)(1).  10.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
		_	h. Asbestos Waste Site Plan. 360	-2.17(0)(2), LET ACCEPTED
			<ol> <li>Random Waste Collection Vehi</li> </ol>	ide Inspection Records, 360-2.17(g)NOTHILL-IN SECTION.
			OPERATION CONTROL	icle Inspection Records. 360-2.17(q). —NOTHTISL-IN SECTIM! While ricle Inspection Records. 360-2.17(q). —NOTHTISL-IN SECTIM! While rich ferze on er, is sufficiently confined or controlled. 360-1.14(j). does not constitute an off-site nuisance. 360-1.14(k).
æ				er, is sufficiently confined or controlled. 360-1.14(j).
<b>©</b>				does not constitute an off-site nuisance. 360-1.14(k).
<b>2</b>				evented or controlled, and vector breeding areas are prevented. 360-1.14(i).
營	ш		•	that they do not constitute a nuisance. 360-1.14(m).
raffis.		-	WATER	
(B)				ering surface waters and/or groundwaters. 360-1.14(b)(1).
188	ш	ш		ainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).
			ACCESS	
爾			<ol> <li>Access to the racinty is strictly and</li> <li>On-site roads are passable. 360-1.</li> </ol>	d continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
1000				.19(1), 300-2.17(5).
983			WASTE HANDLING	
le-s			working face area is the smallest p	eet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the
寧				t, 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	7(b)(2).
			<ol><li>Solid waste preparation measures</li></ol>	
<b>20</b>			a. Stabilized/Dewatered Sludges.	. 360-2.17(n).
 28	口		<ul> <li>c. Tanks. 360-2.17(r).</li> </ul>	1) NOT ACCEPTED
	_		• •	
<b>E</b>			COVER  16. Daily cover material is suitable in	quality of proper compacted thickness and is sential and -sistemed where and when required to senter!
2	ш		vectors, fires, odors, blowing litter.	quality, of proper compacted thickness, and is applied and maintained where and when required to control ; and scavenging. 360-2.17(c).
			17. Intermediate cover material suitable	le 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 suita	able in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).
			MONITORING	conne
	6		<ol><li>Monitoring wells are intact. 360-2.</li></ol>	
	<b>2</b>		20. Decomposition gases are monitore	ed and controlled. 360-2.17(f); 360-8.3(c).
			OTHER	$\gamma$
+ 2			On Continuation Sheet identify any oth	rer violations.  Leach to
.,.	1	11	- 1 to book	1 leach le
,	- ) -		eed le 11101	
-	く		1 /	The horizon
	1	,	1 class on	poller for Scart of
- 7	- 1	$\sim$	and Strul "	2 /2001/7
_	)		$i \cap i$	1 SNO King for Clark 11 C.
•	Ţ	1 /	a. I to tox lead	The posins,
- 3	1/	$\sim$ '	les a	1. We as tem fee mater huse for
1	ノ	<i>p</i> .	, to seppor	Mononic (1)
11	1	$\mathcal{N}^{\omega}$	ed / -	per violations.  I leach to leach to leach to leach the sins of the leach to leach the sins of the leach that have for hosins, leading to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach to leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the leach the
4	7	-	)	Facility Copy of this Inspection Report sheet.
•	)		1 00tos	Tosall Bould
		7/	///-#	SAUL BOYCH
	1	/_	-/( //\)	individual in Responsible Unarge (Please print)
_	_/	مع		
	6		Inspector's Signature	Signature Date
\			· · · · ·	$\mathcal{I}$
F)	Klo	01	to lobel moders is	is Celler north fre 1888, Re label meters in Cell
	VE	cel	w wall they on ou	MEGIONAL OFFICE COPY / C - MANC 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2



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	
	LAVIANDS-	Heredonia Hi	11 Kd. Auclid 1071	5170127111	208
	INSPECTOR'S NAME	CODE PERSONS	INTERVIEWED AND TITLES		
	Mevin HINTZ	S Jo	e Boyles,	MANKER.	
	REGION WEATHER CONDITIONS		DEC PERMIT NUMBER		
	9 Ourcast, SNAU, SHEET CONTINUATION SHEET ATT	205.	<u> </u>	1   1   1   1   1	
	SHEET CONTINUATION SHEET ATT	ACHED PART(S) 360-			
		•			Attached
<i></i>		ıbject to Applicable Civil, A	Administrative and Criminal San	ctions Set Forth in ECL Article 71,	NACONO CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONT
Spa	13 T				
pret	Violations of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Size of Part 360 are Siz	n, supplemental informatio	n, locations of photographs or	samples and/or locations of violations.	
	(L)afr	rected violations mast be t	described in detail and located t	on a sketchy.	i,
	11 ) ind 10 30 30		IE fill Anca	- Shtionz Full - Cell 2 second - Need to Inte	1, Duster
a.	n lac		- fill Har	- Cele 7 SOCIA	Do 211/1.
4	10ste	ACTIC	15	and to lake	1 meters
KI	MIS		and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th	West Co In	,,
/)					
	(   E		)'	·	
γ				l	
		)			
			The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	7 Cell 102 5	J. Ruce
\	26			Cell (02 -	h de l'or
NO		$\wedge$ 1	\	1 - COO 7 PG	) (i a a a
) <sub>\</sub>		all Z		1	and to
Hot	( ) /				, Cycup
			. 1	- Ceel Add	> Secondar
11	ed in			- Cell 2 PR	Jutim.
7				tooth uply	es lestin
AΛ				I would to as	Reduct V
$\omega$	\			, New to the	- ease met
	1//			. [	
	V/	\ . a !			. d 1
		el 1	5	Ad lead to sur	をり りのらい
	Λ/			Weed to saw	le achate
	/ //			There to asser	7—
				- NOTHING WE 13ASIN METERIN	RUING
				13ASIN METERIA	use pue
	1 // - wind hour	unite coult	t in Renecoox	1 To facete ups	
	a f aggrest	line			
	sens for in por	, , , , ,	into in Cel	9 3 C.	
1	11 - sod of p	Retribuil V	~//UC	I hereby acknowledge receipt of the Facility Copy of this Inspection Report she	et.
1	- wind hown east property  - spot of po	I mackly fee	south bosin.	. Same, supply of the mephode in report diffe	
	V Need John	And the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t		Individual in Responsible Charge (Please pr	rint)
	' M. MA	,			
	(Comspector's Signature		Signa	ature	Date
	'	REGI	ONAL OFFICE COPY		