

MH/KH/File  
MSH/MSH

Monitoring Report

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

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: December 31, 2012

Reporting Period: December, 2012

Facility Monitor: Beverly Lewinski (BL) *deg m*

OIL  
Releasable 02S17  
~~Non-Releasable~~

**Summary**

Compliance visits made on 12/3, 12/5, 12/6, 12/11, 12/14, and 12/20 by BL. A monthly inspection was completed on 12/05 by KH and 12/17 by BL. No offsite odors were noted on any visit. Erosion is a concern on the east slope of Cell 3C, along the south slope of Cell 3, and on the leachate seep patches on every slope. There is exposed garbage and ponded water that needs to be addressed on top of Cells 1 and 2. Leachate seeps were found on the north, west, and east slopes of Cells 1 and 2. Fugitive gas and leachate seeps were found on the south slope of Cell 3. In the beginning of December a gas pipe on the south slope of Cell 3 broke apart, the auxiliary flare was turned on until the area of the leak was isolated and the gas plant was turned on again.

**Observations**

**Waste Placement:** Placing waste in Cell 4A, compaction and lift height good.

**Daily Cover:** More cover needed on south and east slopes and northeast corner of Cell 4A. More cover is also needed on the southwest corner of Cell 4A where the tarp blew off. Tarp was blown off the west edge of Cell 4A throughout the month; it needs to be better secured.

**Intermediate Cover:** More intermediate cover is needed along the south slope of Cell 3 and on some areas on top of Cells 1 and 2.

**Road maintenance/Dust and Mud Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter. Dust control was not needed.

**Litter:** Litter was found along the north and west roads, near sedimentation pond #1, and in the drainage ditch that runs along the west edge of Cell 4A. Litter was picked continuously throughout the month.

**Storm Water Management:** There is concern over the erosion and rilling along the east slope of Cell 3C, placement of hay is an on-going project. There were deep rills found along the south slope of Cell 3 that need to be fixed. Erosion control is needed on the numerous patches put in place to control leachate seeps on the north, east, south and west slopes of Cells 1 and 2, and on the south slope of Cell 3. On the 12/5 visit, storm water overflowed the drainage ditch along the south slope of Cell 3; a larger drainage ditch was created.

**Leachate Seeps:** Leachate seeps remain an ongoing concern on every slope.

- **East Slope:** Seeps of leachate were found in the old roadway going up the landfill and up slope of GW-115 next to an orange container.
- **North Slope:** Leachate seeps found around GW-4.
- **West Slope:** Leachate seep due north of GW-12. Leachate is also seeping through all of the previously placed patches on the slope.
- **South Slope:** Leachate seeps were found to the southeast of LDW-2 and LDW-3 and to the east of LDW-9. Gas bubbles were found east of LDW-9A, on the south slope of Cells 1 and 2, and around the well with the basketball covering it.

**Leachate Management:** Leachate basins were kept with ample freeboard throughout the month. Bay 2 Secondary Pro-Control doesn't match bubbler reading and there is a light out in the Pro-control reading. On the 12/5 visit the Cell 4 Primary was high but there were no warning lights on. Cell 2 Primary pump was set to hand throughout the month.

**Odors:** On each visit, local Angelica roads were driven in search of offsite odors. No offsite odors were noted.

#### **Areas of Concern**

- Areas of poor intermediate cover on the south slope of Cell 3
- Ponded water and protruding garbage atop Cells 1 and 2
- Securing the tarp over garbage along west side of Cell 4A
- Erosion control on the patches placed over leachate seeps, along the east slope of Cell 3C and south slope of Cell 3.
- Enhancement of cover on the south slope of Cell 4A
- Continuation of self leachate breakout inspections daily

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 12/3/12 12:45pm

Weather Sunny 50°F Light wind

Inspector Beverly Lewinski

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- South slope need more cover over areas where the cover is light. More dirt is needed to help control rills.
- Top of cells 1 and 2, ponded water needs to be addressed.

OBSERVATIONS/ CONCERNS/PROGRESS

- North slope repaired breakouts are OK.
- West Slope repaired breakouts are OK.
- East slope repaired breakouts are OK.
- Gas pipe on south slope broke apart, in the process of fixing it now. Had to come in yesterday evening and turn on <sup>Auxiliary</sup> flare until the leak was found. The area was then isolated and the gas plant is currently running.
- Some litter along access road and around area entering working face.

This form given to: Terry Lunn

- Self breakout inspections will continue every day until the problem is under control.



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

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**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 <i>Hyland Facility</i>		LOCATION <i>Headman Rd. Argiletta</i>	FACILITY NUMBER <i>02517</i>	DATE <i>020512</i>	TIME <i>1400</i>
INSPECTOR'S NAME <i>Kevin Hintz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES <i>Leery Lunn Ldr Supervisor</i>		
REGION <i>9</i>	WEATHER CONDITIONS <i>Cloudy, 30s.</i>		DEC PERMIT NUMBER <i>9-0232-0000300002</i>		
SHEET <i>1 OF 3</i>	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PART(S) 360- Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.  
Items marked NI Indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT     ORDER ON CONSENT     EXEMPT     COMPLAINT

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

*Overall, in fair shape. Lots of areas of protruding/uncovered waste. See sheet 3 of 3. On daily/weekly sheets, all information shall be provided. On "daily in operation" sheets, need to "say" why pumps are on manual.*

*Inspector's Signature* \_\_\_\_\_

*Kevin Hintz*  
Individual in Responsible Charge (Please print)

Signature \_\_\_\_\_ Date \_\_\_\_\_



6 NYCRR Part 360

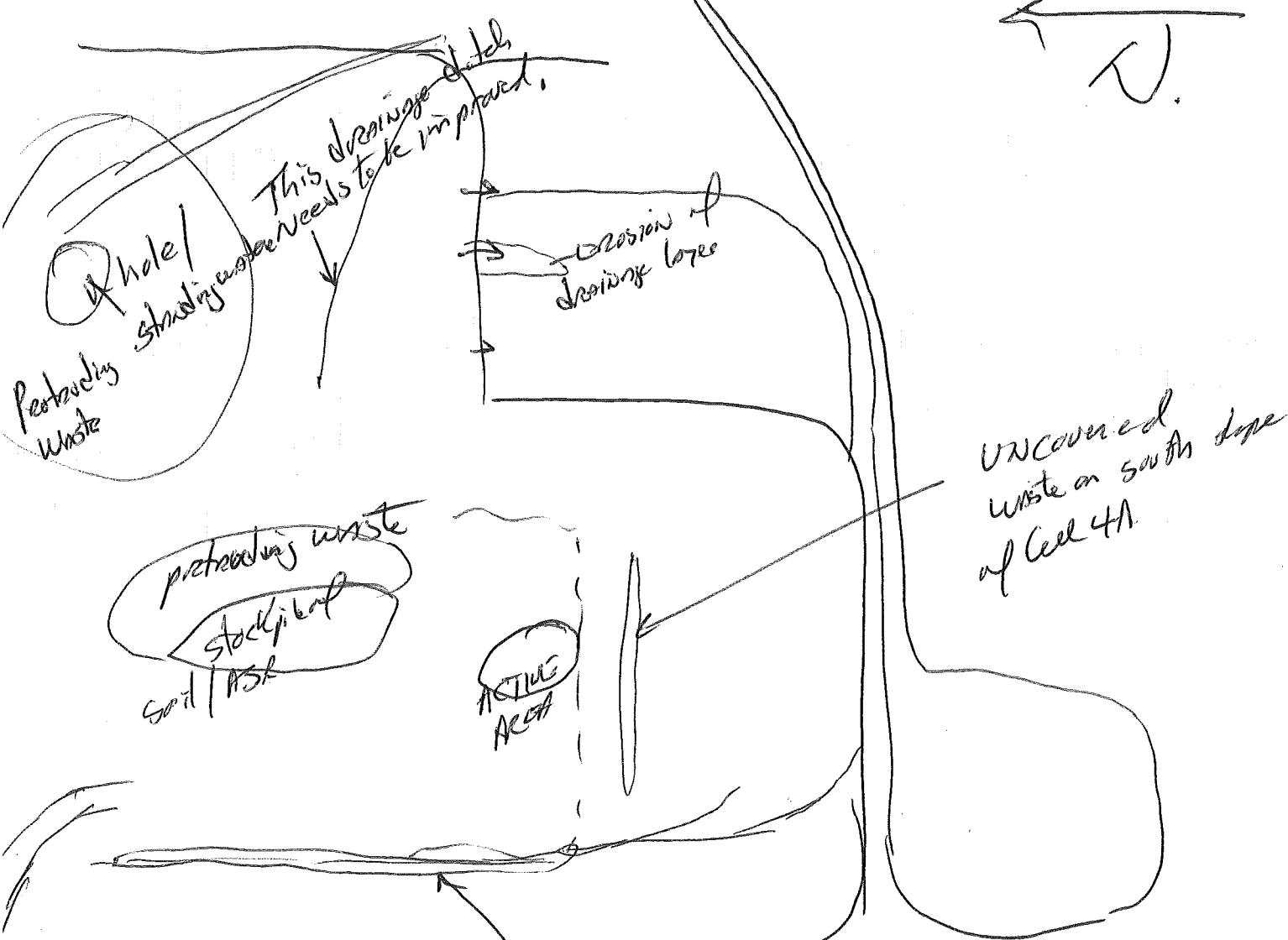
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet

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

FACILITY NAME <i>Hyland's facility</i>		LOCATION <i>Hudson Rd. Angelica (T)</i>		FACILITY NO. <i>02517</i>	DATE <i>12/05/12</i>	TIME <i>1400</i>
INSPECTOR'S NAME <i>Kevin Hutz</i>			CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Lunn</i>		
REGION <i>9</i>	SHEET OF <i>2 of 3</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input type="checkbox"/> No		WEATHER CONDITIONS <i>Cloudy, 30's.</i>		UNDER ORDER <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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



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

Inspector's Signature

*Need to trap or cover waste on leading edge,*

Individual in Responsible Charge (Please print)

*Serry Jr*

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 <i>Hylands Facility</i>		LOCATION <i>Heedman Rd. Angelica (7)</i>		FACILITY NO. <i>021517</i>	DATE <i>12/15/12</i>	TIME <i>1400</i>
INSPECTOR'S NAME <i>Kevin Hintz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Lund.</i>			
REGION <i>9</i>	SHEET OF <i>3 of 3</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input type="checkbox"/> No		WEATHER CONDITIONS		UNDER ORDER <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

Provide site sketches, clarification, supplemental information, locations of photographs or samples and/or locations of violations.

(Uncorrected violations must be described in detail and located on a sketch)

*Need to stabilize slopes to prevent erosion of cover off waste.*

*Cell 2 primary 43.5 - no lights on*

*Cell 2 primary flow meter - 51.6*

*Cell 1 low - light out*

*Leachate being hosed*

*Cell 4 primary 9.3 - no lights on*

*Need to pick up unacceptable materials from edge of select lift. Waste exposed on leading edge against west slope. Need to tarp or cover*

*Waste protruding on south slope near top (3/4 way up)*

*Windblown waste in ditch west of working area.*

*Bag 2 secondary - 5 vs 19 on residuals?*

*LDW-7 - protruding waste around it.*

*protruding waste in spots on upper south slope in area of gas line.*

*Paper pickers are out -*

*Travel wash not working -*

*- erosion of drainage lanes on north slope of Cell 4B. Need to improve ditches above.*

*- Need to fill hole on left side of road (on east top of land fill) & cover waste around the hole*

*- Need to cover waste near & next to gas line that runs across top of land fill*

*- Need to cover protruding waste around ASL file in Cell 4A*

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

\_\_\_\_\_  
Individual in Responsible Charge (Please print)

*Terry Lund*  
Signature

\_\_\_\_\_  
Date

# DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 12/5/12, 1:30pm

Weather Snow, 30-35°F, Wind

Inspector Beverly Lewinski

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- litter in drainage ditch next to Cell 4A
- poor daily cover on south slope of Cell 4A
- need to cover protruding garbage on south slope of Cell 3
- need to create a larger drainage ditch along south slope of Cell 3 above Cell 4B

## OBSERVATIONS/ CONCERNS/PROGRESS

- high rainfall event caused drainage ditch to overflow into Cell 4B causing stones to be moved.
- Cell 2 primary set to hand, high reading 43.6 but no lights on pump said it was pumping at 51.6 gal/min
- light is out on Cell 1 groundwater
- Cell 4 primary high, 50.4 with no warning lights on
- Bay 2 See doesn't match bubbler, light out?
- need better cover on NE corner of Cell 4A
- need erosion control on breakout patches, and continue to hay east slope
- need to get rid of various spots of ponded water ~~atop~~ and exposed garbage on top of Cells 1 and 2 and Cell 3C

This form given to: For my records.

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 12/6/12, 2:15 pm  
Weather Sunny, 35°F, Light Wind  
Inspector Beverly Lewinski

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- need better covers on south slope and west slope of Cell 4A
- Litter along the north and west portions of access road.
- Litter in storm water drainage ditch that runs along east side of Cell 4A.

## OBSERVATIONS/ CONCERNS/PROGRESS

- Currently working on making the drainage ditch bigger on south slope of Cell 3.
- Currently working on untopped area of garbage along east edge of Cell 4A
- Breakout inspections are being done daily but did not see one done today as of yet.

This form given to:

Terry Lunn



# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 12/11/12, 1:00 pm  
Weather Cloudy/Light Snow, 30<sup>o</sup>F  
Inspector Beverly Lewinski

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- Cell 4A needs more cover on south slope, east slope, on area near ABC piles, and south west corner where tarp blew off.
- Tarp needs fixing along leading edge of Cell 4A going down south west corner.

## OBSERVATIONS/ CONCERNS/PROGRESS

- need to address ponded water atop Cells 1 and 2
- need to cover exposed garbage near gas wells on top of Cells 1 and 2
- need to take care of ponded water and exposed garbage at top Cell 3C.
- need cover over protruding garbage on Cell 3A flats and south slope of Cell 3.
- No litter, site looks good.
- need some sort of erosion control on leachate seep patches on every slope.
- need more dirt on leachate seep on north slope as per 12/10/12 breakout inspection form

This form given to:

Terry Lemm

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 12/14/12 2:15pm  
Weather Sunny 30°F  
Inspector Beverly Lawinski

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- need to take care of ponded water and any exposed garbage on top of cells 1 and 2.
- need to fix Cell 4A west edge tarp and need cover on garbage on south west corner.

## OBSERVATIONS/ CONCERNS/PROGRESS

- Light out on display for Bay 2 secondary pro-control, it also didn't match bubbler reading.
  - South Slope:
    - need to take care of any exposed garbage
    - leachate seep to the south and east of Lbw-2 and Lbw-3
    - gas bubbles due east of Lbw-9A, left of horseshoe curve, and all around pipe with basketball.
  - West Slope:
    - Keep an eye on patch under Gw-12
    - seep due north of Gw-12
  - North Slope:
    - areas of concern all around Gw-4 and up slope of Gw-4
- This form given to: Terry Lunn

- East Slope:
  - leachate in roadway going up hill
  - seep to the north and up slope of Gw-115, coming out right next to orange container



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**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 <i>Hyland</i>		LOCATION <i>Angelica, NY</i>	FACILITY NUMBER <i>02517</i>	DATE <i>12/17/12</i>	TIME <i>0200</i>
INSPECTOR'S NAME <i>Beverly Lewinski</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Lunn</i>		
REGION <i>9</i>	WEATHER CONDITIONS <i>Cloudy 40°F</i>		DEC PERMIT NUMBER <i>91-0232-100, 903, 100002-1</i>		
SHEET <i>1</i> OF <i>2</i>	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PART(S) 360-  Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection. Items marked NI indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT     ORDER ON CONSENT     EXEMPT     COMPLAINT

- |                                     |                                     |                          |   |
|-------------------------------------|-------------------------------------|--------------------------|---|
| <b>C</b>                            | <b>NI</b>                           | <b>V</b>                 | <b>FACILITY MANAGEMENT</b>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 1. Solid waste management facility is authorized and management occurs within approved areas. 360-1.5(a); 360-1.7(a)(1),(b); 360-8.3(d).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 2. Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:                                |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | a. Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). <i>Not accepted</i>   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | b. Control Program. 360-1.14(e)(1).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | c. Department Approved Facility for Specific Wastes. 360-1.14(f); 360-2.17(l),(p)(1).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | d. Bulk Liquids. 360-2.17(k).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | e. Whole Tires. 36-0-2.17(v).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | f. Lead Acid Batteries. 360-2.17(w).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | b. Adequate Equipment. 360-1.14(f)(2).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 4. Operational records are available where required:  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | a. Unauthorized Solid Waste Records. 360-1.14(i)(1). <i>None</i>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | b. Self Inspection Records. 360-1.14(i)(2).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | c. Permit Application Records. 360-1.14(i)(3).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | d. Monitoring Records. 360-1.14(i)(4).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | e. Facility Operator Records. 360-1.14(u)(1).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | f. Fill Progression Log. 360-2.9(e).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | g. Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | h. Asbestos Waste Site Plan. 360-2.17(p)(2).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | i. Random Waste Collection Vehicle Inspection Records. 360-2.17(q).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <b>OPERATION CONTROL</b>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 6. Dust is effectively controlled, and does not constitute an off-site nuisance. 360-1.14(k).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 7. On-site vector populations are prevented or controlled, and vector breeding areas are prevented. 360-1.14(l).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 8. Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <b>WATER</b>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 9. Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 10. Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <b>ACCESS</b>   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 11. Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 12. On-site roads are passable. 360-1.14(n); 360-2.17(s).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <b>WASTE HANDLING</b>   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 13. Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 14. Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).                          |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 15. Solid waste preparation measures and/or precautions are provided:   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | a. Stabilized/Dewatered Sludges. 360-2.17(n).   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | b. Asbestos Waste. 360-2.17(p)(3). <i>Not seen</i>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | c. Tanks. 360-2.17(r). <i>Not seen</i>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <b>COVER</b>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e). <i>(None)</i>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <b>MONITORING</b>   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | 20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c).  |
|                                     |                                     |                          | <b>OTHER</b>  |

On Continuation Sheet identify any other violations.

→ Litter near Sed pond #1      → need to address exposed garbage on south slope of Cell 3

→ tarp along west edge of Cell 4A needs fixing

→ Cover along south slope of Cell 4A is needed

→ ponded water and exposed garbage atop Cells 1 and 2 needs to be addressed

→ leachate seeps and fugitive gas (see page 2).

→ need erosion control on leachate seep patches

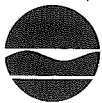
I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

*Terry Lunn*  
Individual in Responsible Charge (Please print)

*Terry Lunn*  
Signature

*12/17/12*  
Date

*Beverly Lewinski*  
Inspector's Signature



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 <i>Hyland Landfill</i>		LOCATION <i>Angelica, NY</i>		FACILITY NO. <i>025117</i>	DATE <i>12/17/12</i>	TIME <i>0200</i>
INSPECTOR'S NAME <i>Beverly Lewinski</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Lunn</i>			
REGION <i>9</i>	SHEET OF <i>2 2</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		WEATHER CONDITIONS <i>Cloudy 40°F</i>		UNDER ORDER <input type="checkbox"/> Yes <input type="checkbox"/> No

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

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



*Beverly Lewinski*  
Inspector's Signature

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

*Terry Lunn*  
Individual in Responsible Charge (Please print)  
*Terry Lunn*  
Signature  
*12/17/12*  
Date

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 12/20/12, 2:00pm  
Weather Cloudy, Windy, 40°F  
Inspector Beverly Lewinski

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

### → East Slope:

- need to fix breakout near orange container
- need to fix oily sheen in roadway going upslope

### → West Slope:

- need to go back and finish repairs once ground freezes or it dries out

## OBSERVATIONS/ CONCERNS/PROGRESS

### → South Slope:

- more gas bubbles near LDW-1
- more gas bubbles and leachate around horseshoe, Woody working on it during visit.
- need more cover on exposed garbage

→ Still need to address any ponded water and exposed garbage on top of Cells 1 + 2.

→ need better cover on south and east slopes of Cell 4A.

→ need to continue to work on erosion control on any leachate breakout patches

This form given to:

Terry Lunn

→ Some litter south of Cell 4A and near entrance to working face.

MH/KH/MSH/med/File

**Monitoring Report**

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

Facility Name: Hyland Landfill

OIL  
Releasable  
02S17  
Non-Releasable

Facility Number: 02S17

Date: December 3, 2012

Reporting Period: November, 2012

Facility Monitor: Beverly Lewinski (BL) *decy*

**Summary**

Compliance visits were made on 11/2, 11/6, 11/7, 11/9, 11/20, 11/27, 11/28, and 11/29 by BL. A monthly inspection was completed on 11/13 by BL. No offsite odors were noted on any visit. Erosion is a concern on the east slope of Cell 3C and along the south slope of Cell 3A. There is exposed garbage and ponded water that needs to be addressed at the top of the south slope of Cell 3C. Leachate seeps were found on the north, west, and east slopes of Cells 1 and 2. Fugitive gas was found on the south slope of Cell 3A. Cell 3 air pump has been repaired and is currently in working order.

**Observations**

**Waste Placement:** Placement and compaction good.

**Daily Cover:** Good. Tarp covering garbage along the west side of Cell 4A needs securing and garbage needs further removal of any undesirable first lift items.

**Intermediate Cover:** More intermediate cover is needed along the south slope of Cell 3A, Cell 3B, Cell 3C and on some areas on top of Cells 1 and 2.

**Road maintenance/Dust and Mud Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter. Dust control was employed when needed.

**Litter:** Litter was found along the north fence, the access road around the landfill, and near the road leading into Cell 4A. Bags of picked garbage found along the road were noted on numerous visits.

**Storm Water Management:** There is concern over the erosion and riling along the east slope of Cell 3C, placement of hay is an on-going project. There were rills found along the south slope of Cell 3A that need to be fixed. There is also a threat of erosion on the numerous patches put in place to control leachate seeps, hay needs to be placed to ensure slope stability through the winter. During a high rainfall event the stones in the storm water drainage ditch leading into sedimentation pond 3 were washed away. Larger stones were used as a replacement and have successfully held their place.

**Leachate Seeps:** Leachate seeps remain an ongoing concern on every slope. In order to mitigate this, self leachate breakout inspections will be performed on a daily basis until the problem is under control. There were a total of 3 seeps found on the north slope, 5 seeps on the east slope, and 3 seeps on the west slope of Cells 1 and 2. The south slope of Cell 3A had gas seeping through a previous leachate seep patch along with some early signs of leachate seeps. To date, all of the leachate seeps found have been repaired either using dirt to cover them or digging up underneath the seep to find the cause and then replacing them with cover.

**Leachate Management:** Leachate basins were kept with ample freeboard throughout the month. Tarps are still in place on Cell 4B to help control the intake of storm water into the leachate collection system. A tarp was also being secured along the southwest corner of Cell 4A to help control storm water intake and to protect the liner system.

**Odors:** On each visit, local Angelica roads were driven in search of offsite odors. No offsite odors were noted.

#### **Areas of Concern**

- Areas of poor intermediate cover on the south slope of Cell 3A and Cell 3B
- Ponded water and protruding garbage atop Cells 1 and 2
- Securing the tarp over garbage along west side of Cell 4A and removing any unacceptable first lift items
- Erosion control on the patches placed over leachate seeps, along the east slope of Cell 3C and south slope of Cell 3A.
- Maintaining daily written documentation of self leachate breakout inspections

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 11/2/12 1:00pm  
Weather 34°F, Light wind, light flurries  
Inspector Beverly Lewinski

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- > need to address Cell 3C exposed garbage
- > need to replace stones in storm water drainage ditch leading into Sed. pond #3.
- > continue to work on erosion control on east slope.
- > some litter along North fence.

OBSERVATIONS/CONCERNS/PROGRESS

- > Cell 3 pump house air pump still down, awaiting part.
- Cell 1 and 2 primary pumps still set to hand.
- > West slope patches are holding up.
- > No offsite odors or litter.
- > Cell 2 E/F groundwater pump, transducer out (maybe), getting an off reading.

This form given to: Terry Lunn



## DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 11/6/12 3:00pm  
Weather Partly Cloudy, 35<sup>af</sup>  
Inspector Beverly Lewinski

### ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- need to fix drainage ditch leading into Sed. pond #3
- need to take care of ponded water on top of Cells 1 and 2.
- need to finish placing hay on east slope for erosion control.

### OBSERVATIONS/ CONCERNS/PROGRESS

- North slope ~~pad~~ breakouts dug up, found some wicks, areas need to be walked in
- some litter along north fence and road
- Air pump part should be installed tomorrow.
- placed soil over exposed garbage in cell 3C.
- West slope patches still looked dry.
- going to place more tarp on Cell 4B

This form given to:

Terry Lunn

## DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 11/7/12 2:00pm

Weather Partly Cloudy 35-40°F

Inspector Beverly Lewinski

### ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- Litter along east road and next to Sep pond #1, also on road leading into landfill
- Leachate breakouts found on North slope between AW-5 and HTW-7 flowing down slope
- Leachate breakouts found on east slope between HTW-14-2 and HTW-11-2

### OBSERVATIONS/ CONCERNS/PROGRESS (bubbles)

- repaired drainage ditch leading into Sep pond #3
- The Cell 3 air pump was up and running, Terry and Chester still working on it.
- Litter along North road/fence picked from yesterday

This form given to:

Terry Lunn

Hyland Landfill Leachate Monitoring Report

Date: 11/7/12

Inspector: Beverly Lewinski

<b>Cell 1&amp;2 Riser Building:</b> Levels	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	
	10.8	(Hand) 46.3	8.3	.2	2.1	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	9.9	18.1	12.7				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

<b>Cell 3 Riser Building</b> Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	7	Bubbler	.1				X		X
	Pro-Control	.8	Pro-Control	.1		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12		X				

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	79.3	19.1			X					
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace
					X				X	

<b>Leachate Basins</b>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	11.2	Bubbler	2.6	Bubbler	10.9	Bubbler	5.2
	Flow Control	11.4	Flow Control	2.5	Flow Control	10.7	Flow Control	19.3
	Bay 1 Stick Measure	~11	(Stick is 16')		Bay 2 (Estimate)	~11	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	

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

**Comments:**

Volume:

Basin 1: 403726 gal

Basin 2: 351826 gal

Remaining:

147535 gal

205187 gal

Gas Plant:

51.9% CH<sub>4</sub>

41.72% CO<sub>2</sub>

6.69% O<sub>2</sub>

## DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 11/9/12 1:15 pm  
Weather Cloudy 40°-45°  
Inspector Beverly Lewinski

### ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- South slope patch has gas seeping through it.
- West slope patch has a breakout above previous one, needs to be addressed
- East slope (between HTW 4-2 and HTW 11-2) has gas and leachate seepage, needs to be addressed
- North slope (between GWS and HTW 7) has leachate coming through and running down slope, needs to be addressed.

### OBSERVATIONS/ CONCERNS/PROGRESS

- Litter needs to be picked along the west and north sides of landfill, ~~at~~ all along access road. (Note: litter has been picked since previous visit.)
- Waiting on more hay to finish east slope erosion control
- Still need to address ponded water atop Cells 1 and 2.
- Checked previous North slope patch, OK, still needs to be walked in and dressed.
- Cell 3 air ~~run~~ compressor is up and running, OK.
- cover put on exposed garbage in Cell 3C needs to be walked in and graded.

This form given to:

Terry Lunn

\*Note: Spoke with Terry and Joe, because there are so many breakouts they are going to increase their leachate breakout inspections to more than once per week. They are also going to map the route the inspector takes and also inspect all previous breakout repairs made. These will be recorded so I may review them.

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 <b>Huland Landfill</b>		LOCATION <b>Herdman Rd Angelica NY</b>	FACILITY NUMBER <b>025117</b>	DATE <b>11/13/12</b>	TIME <b>3:15 pm</b>
INSPECTOR'S NAME <b>Beverly Lewinski</b>		CODE <b>M</b>	PERSONS INTERVIEWED AND TITLES <b>Terry Lunn</b>		
REGION <b>9</b>	WEATHER CONDITIONS <b>31° Light Snow / Cloudy</b>		DEC PERMIT NUMBER <b>9-0232-00003/00002-</b>		
SHEET <b>1 OF 1</b>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PART(S) 360- _____ Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.

Items marked NI indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT     ORDER ON CONSENT     EXEMPT     COMPLAINT

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

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

**Terry Lunn**

Individual in Responsible Charge (Please print)

**Terry Lunn**

Signature

Date

**Beverly Lewinski**  
Inspector's Signature

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 11/20/12 3:00pm  
Weather Sunny 45<sup>OF</sup>  
Inspector Beverly Lewinski

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- need to get rid of ponded water atop Cells 1 + 2 and cover any exposed garbage
- West side of Cell 4A needs garbage along the top re-tarped and any unacceptable first lift materials removed
- leachate basin 2 Secondary pro control light needs to be fixed

## OBSERVATIONS/ CONCERNS/PROGRESS

- need to dress up ~~pro~~ repairs made on north slope above gas line
- South slope shows signs of early leachate breakout next to patch that was placed to stop fugitive gas from escaping
- Cell 2 primary was off.
- Some litter along north fence, note that litter has been picked because bags were along road.

This form given to:

Terry Lunn

Hyland Landfill Leachate Monitoring Report

Date: 11/20/12

Inspector: Beverly Lewinski

Cell 1&2 Riser Building: Levels	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	
	15.1	7.7	8.2	0.2	3.6	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	8.3	16.1	6.9				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
		*pump on off					
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	17.3	Bubbler	9.3			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	Pro-Control	17.0	Pro-Control	10.9.8		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
	Cell 4	23.8	14.1							
	Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	10.1	Bubbler	2.6	Bubbler	10.7	Bubbler	4.8
	Flow Control	10.3	Flow Control	2.4	Flow Control	10.5	Flow Control	19 * fix light
	Bay 1 Stick Measure	210	(Stick is 16')		Bay 2 (Estimate)	210	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	



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

**Comments**

# DAILY INSPECTION REPORT

Facility Hyland  
Date & Time 11/27/12  
Weather Cloudy 35<sup>o</sup>F Light Wind  
Inspector Beverly Lewinski

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- Breakouts found: (See map)
  - 1 on East slope above HTW 9-2
  - South slope 2 seeps found below horseshoe, some penced suspected areas along road going up into Cells 1+2 and in area above tire crips.
  - 2 on west slope, one below GW12-A and one near GW12
  - North slope right above HTW-2 and right below GW-2

## OBSERVATIONS/ CONCERNS/PROGRESS

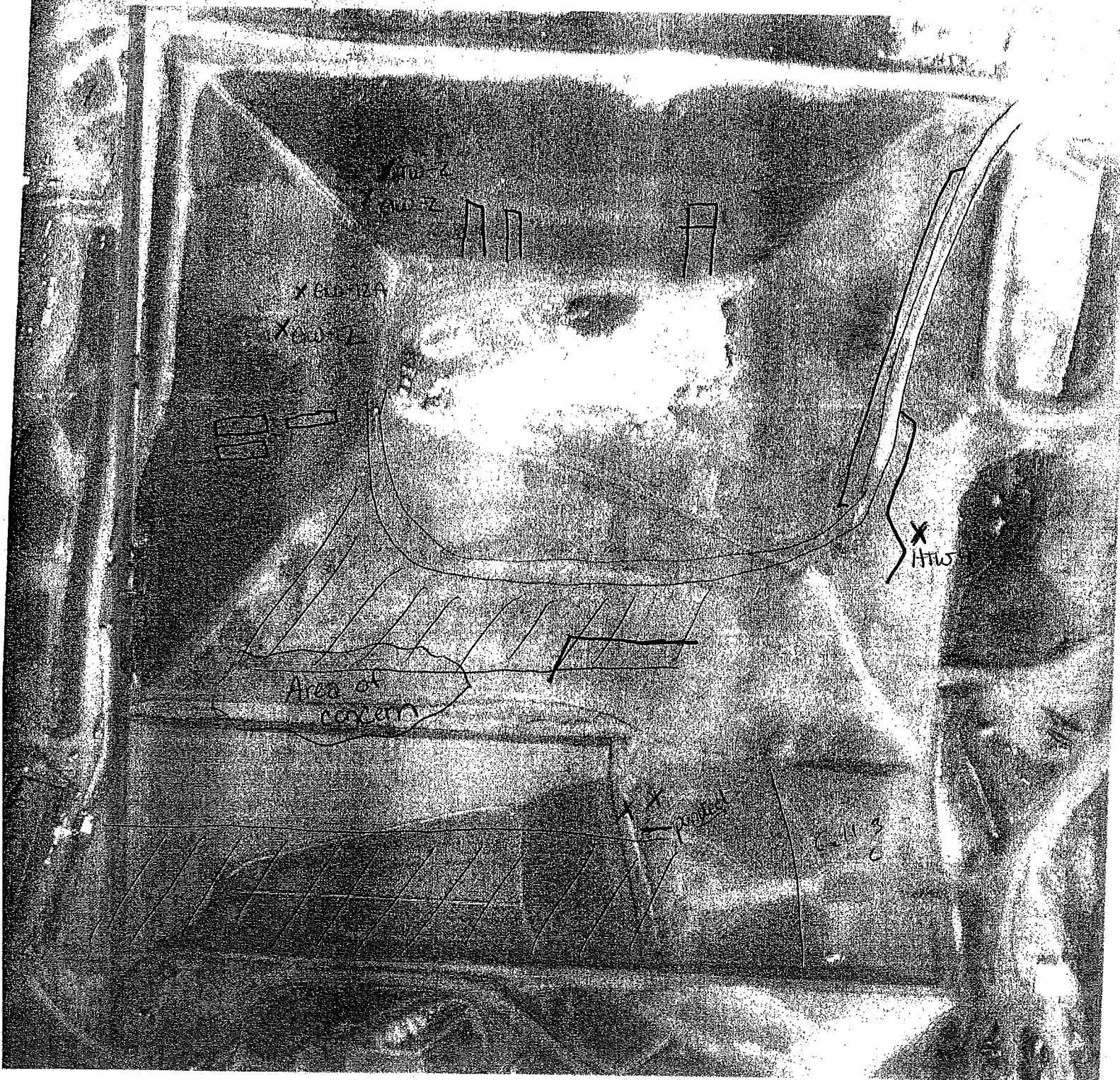
- need to dress up repairs made on north slope above gas line
- Cell 4A, garbage still needs tarping and needs removal of any unacceptable first lift items.
- South slope has areas of exposed garbage that needs more cover

This form given to:

Terry Lunn

# HYLAND FACILITY

## Leachate Breakout / Fugitive Gas Inspection



DATE: 11/27/12 TIME: 2:00pm

INSPECTOR: Beverly Lewinski

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Hyland Landfill Leachate Monitoring Report

Date: 11/27/12

Inspector: Beverly Lewinski

Cell 1&2 Riser Building: Levels	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	
	10.4	50.6	7.9	0.2	0.8	15.5	
Warning Lights (check if lit)	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	10.0	14.4	6.4				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
		*set to hard					
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	17.5	Bubbler	8.7						
	Pro-Control	17.2	Pro-Control	9.3		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	23.6	21.8								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Leachate Basins <i>*didn't check*</i>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler		Bubbler		Bubbler		Bubbler	
	Flow Control		Flow Control		Flow Control		Flow Control	
	Bay 1 Stick Measure		(Stick is 16')		Bay 2 (Estimate)		8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	

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

**Comments**

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 11/28/12 2:00pm  
Weather Light Snow/wind 30°F  
Inspector Beverly Lewinski

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

OBSERVATIONS/ CONCERNS/PROGRESS

Took pictures of breakouts.

- East Slope has dirt that needs to be spread
- West Slope, currently working on them
- North Slope, placing dirt on one need to fix the other one.
- South Slope, needs cover over exposed garbage, need to cover breakouts. find with Bill.

This form given to: Terry Lunn

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 11/29/12 2:00pm  
Weather Sunny 35° Windy  
Inspector Beverly Lewinski

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- East slope has new seep near pipe that comes out from under roadway
- > Litter along north fence and along roadway.
- > ASR being tracked out of landfill onto access road.
- > North slope needs more dirt placed above Htw-2 and seep near Aw-2 still needs repair

## OBSERVATIONS/CONCERNS/PROGRESS

- > West slope seep below ~~Aw-12~~ Aw-12 still needs repair
- > South slope area above tire chip pile and tree stump has deep rills that contain protruding garbage with water running down them
- > South slope has areas of protruding garbage that need cover
- > Farther down on south slope area near tire is very wet with tea looking water pooled in dozer tracks.  
Need to better tarp west edge of Cell 4A and ~~Area 4B~~  
Continue to remove any unacceptable first lift items
- Need to continue to do leachate breakout inspections every day.

This form given to: Terry Lunn

Cell 1&2 Riser Building: Levels	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	
	16.0	52.3	8.2	0.2	3.0	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	11.5	<del>16.5</del> 18.5	11.1				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Gmd Water
		Hand					
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	17.2	Bubbler	9.1						
	Pro-Control	16.9	Pro-Control	9.7		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	22.1	22.7								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	9.8	Bubbler	2.6	Bubbler	9.6	Bubbler	4.8
	Flow Control	10.0	Flow Control	2.4	Flow Control	9.4	Flow Control	17.3
	Bay 1 Stick Measure	9.5	(Stick is 16')		Bay 2 (Estimate)	10	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	



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

**Comments**

File 02517

DAILY INSPECTION REPORT

MT  
BL SL

FACILITY: Hybrids

DATE & TIME: 10/10/12 11:00 AM

WEATHER CONDITIONS: Cloudy & windy

INSPECTOR'S NAME: Kevin Huntz

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

- Cell 1 Primary Flowmeter Leaking
- Need to re-label flow meters in Cell 2 side aisle
- In cell 3 side aisle bldg, Air pump cycles every 30 seconds
- cover off one of the Cell 4 side aisles
- tarp off leading waste edge behind Cell 3 side bldg.
- tarp off " " " south of Cell 4 side bldg

This form given to: Terry Lunn

MH/KH/ File  
MH  
KH

## Monitoring Report

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

Facility Name: Hyland Landfill

Facility Number: 02S17

FOI

Releasable

Non-Releaseable

02S17

Date: November 1, 2012

Reporting Period: September/October, 2012

Facility Monitor: Beverly Lewinski (BL) *BL*

### Summary

A compliance visit was made on 9/7 by John Munn. For the month of October compliance visits were made on 10/3, 10/16, 10/23, 10/26, and 10/30 by BL. A monthly inspection was done on 10/12 by Mark Hans and 10/22 by BL. No offsite odors were noted on any visit. Litter was a problem on numerous site visits. Erosion is a concern on the east slope of Cell 3C. There is exposed garbage and ponded water that needs to be addressed at the top of the south slope of Cell 3C. Leachate seeps were found on the south slope of Cells 2 and 3, and the west and north slopes of Cells 1 and 2. The Cell 3 air pump was down for repairs for the last two weeks of October. The primary pumps for Cells 1 and 2 had been set to hand in anticipation of repairs.

Cell 4B Construction: Complete

### Observations

**Waste Placement:** Placement and compaction good.

**Daily Cover:** Good

**Intermediate Cover:** Additional intermediate cover was placed on the leachate seep on the south slope of Cells 2 and 3. More intermediate cover is needed over the exposed garbage in Cell 3C.

**Road maintenance/Dust and Mud Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter. Dust control was employed when needed.

**Litter:** Litter was noted along the north fence, around the entrance into Cell 4A, along the east road, and across the west slope of Cell 1 and 2. Workers were employed to pick up the trash in a timely manner.

**Storm Water Management:** The forebay installed next to the temporary detention ponds effectively removed sediment from the storm water before it reached the outfall. There is concern over the erosion and rilling along the east slope of Cell 3C; some hay was placed over the soil to provide sediment runoff control.

**Leachate Seeps:** A leachate seep was found along the south slope of Cells 2 and 3. A patch of intermediate cover was placed, but on the next visit it was discovered that leachate was still seeping from the patch. The soil was then rolled flat at the top of the patch to prevent storm water from running under the patch and seeping out. More leachate seeps were found along the west and north slopes of Cells 1 and 2, patches were placed, but not inspected due to high rainfall events. Another seep was reported by Hyland on the east slope and was repaired.

**Leachate Management:** The oil boom installed from August's oil sheen in the north leachate basin is still in place. Leachate basins were kept with ample freeboard throughout the month. The high rainfall event at the end of October resulted in the intake of 153,000 gallons of leachate through the course of one night. This was due to the new construction of Cell 4B; tarps were placed over the cell to mitigate.

**Odors:** No odor complaints were received during September and October. On each visit, local Angelica roads were driven in search of offsite odors. No off site odors were noted in the village, along CR 16 (East Main St) to CR2 or along Peacock Hill Rd.

#### **Areas of Concern**

- Exposed garbage and ponded water at the top of Cell 3C
- Erosion control on east slope

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 9/7/12 11:45 - 3:00  
Weather Sunny, 70's, dry conditions -  
Inspector John Muan

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- ~~Label gas/leachate extraction wells on south slope~~
- Leachate/gas emerging from south slope about 80' north north west of LDW917
  - Leachate seeps on south slope ~20' east of rock/perfor. pipe.
  - Leachate seeps south of dirt piles on south slope (east side)

OBSERVATIONS/ CONCERNS/PROGRESS

No odors in Angelica (CR16, west-east to CR2) to Beach Hill + Lilly + Return.

@ landfill - North + West slopes look good. Some <sup>ASR</sup> tracking + litter along haul road - ASR tracking along loop around leachate basins; @ cell 4 <sup>pumps</sup> display panel

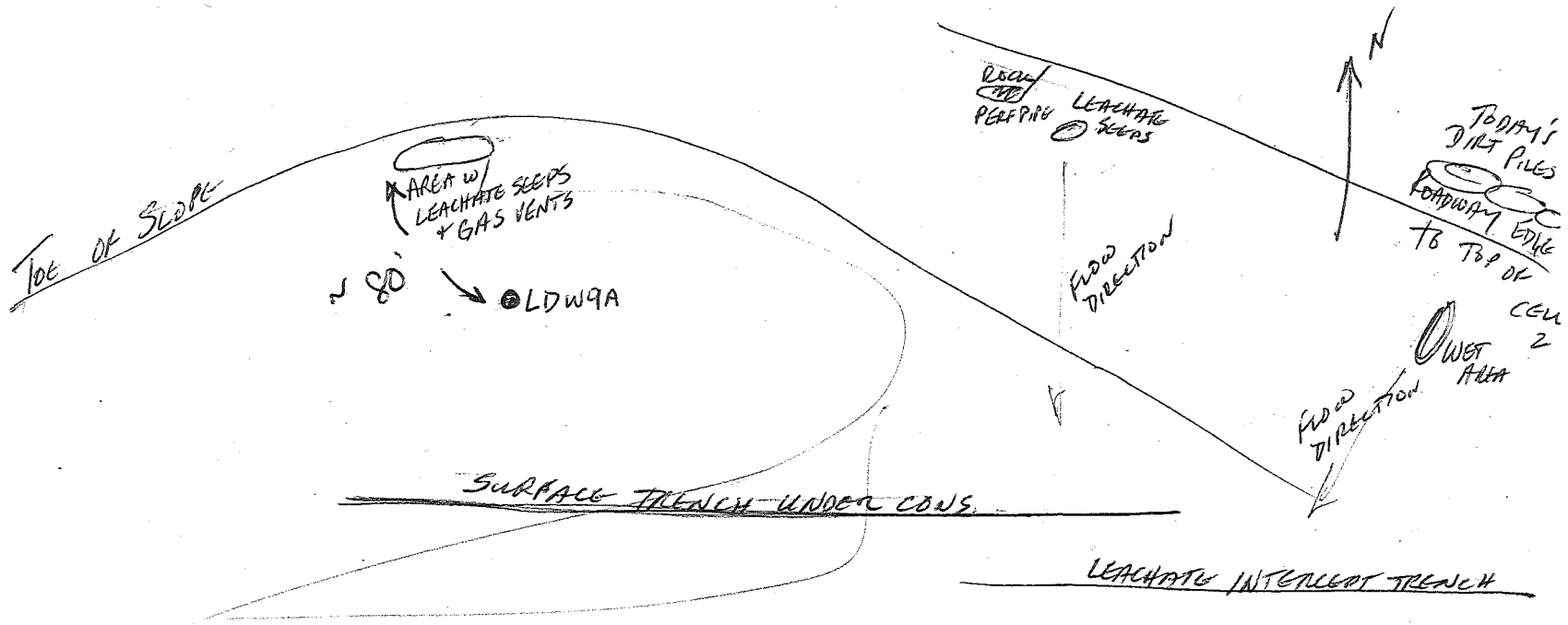
leachate sprays from grease fitting on leachate loadout arm

South slope - Surface interception ditch being shaped by New Domingo. Much dirt/grading done but surfaces still need grading/leveling. South slope leachate trench on east side still water - cepting leachate of slope - can not be abandoned

This form given to: Terry LWN

WASTE DISPOSAL IN CELL 4 @ NE corner of cell

Spoke w / Terry + Neil re waste @ top of cell 4 outside slope - not covered @ exterior of slope



Hyland Landfill Leachate Monitoring Report

Date: 9/9/12 12:40 Inspector: MUNW

Cell 1&2 Riser Building: Levels	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	
	17.4	13.2	7.1	0.2	7.7	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	13.9	6.7	12.4				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	None L.A.						
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	1.3	Bubbler	-2				✓		✓
	Pro-Control	1.4	Pro-Control	0.7		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12		✓				

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)  None L.A.	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	22.8	18.6								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	7.7	Bubbler	2.4	Bubbler	9.1	Bubbler	4.6
	Flow Control	8.1	Flow Control	2.4	Flow Control	9.0	Flow Control	17.5
	Bay 1 Stick Measure	10'	(Stick is 16')		Bay 2 (Estimate)	9.5	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	

Cell 3 2<sup>nd</sup> ary pump pulled. Cleaning swap scheduled for 9/10  
  
not accurate

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

**Comments**



## DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 10/3/12 1:00pm - 3:00pm  
Weather Partly Cloudy, light wind 65-70°F  
Inspector Beverly Lewinski

### ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- Cell 4A has sloppy daily cover on South Side
- Bay 2 Secondary pump is off

### OBSERVATIONS/ CONCERNS/PROGRESS

- Cell 3 Riser building low level light is on.
- Note that in Spring 2013 sediment basin 2 should be cleaned out to remove silt.
- No odors on Peacock Hill Rd., road was also ~~also~~ clean and free of debris.

This form given to: Our records, all issues reported verbally to Joe Bayles and Terry Lunn

Hyland Landfill Leachate Monitoring Report

Date: 10/3/12

Inspector: Beverly Lewinski

Cell 1&2 Riser Building: Levels	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	
	11.2	7.0	7.8	0.2	-0.6	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	8.4	9.3	12.7				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	7.5	Bubbler	7.4				X		
	Pro-Control	5.7	Pro-Control	6.4		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	23.5	13.0								
Cell 5	X	X	X		Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	8.7 ft	Bubbler	24 in	Bubbler	9.6 ft	Bubbler	19 inches
	Flow Control		Flow Control		Flow Control		Flow Control	
	Bay 1 Stick Measure		(Stick is 16')		Bay 2 (Estimate)		8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	

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

**Comments**

Hylands Facility - NCH 10/3/12 2pm. MH WOK  
 BL B.L.

- 1) Cell 4 light on
- 2) Light flashing at Cell sump south of Cell 4
- 3) In spots, clay/soil has sloughed down into primary liner. (east slope of Cell 4A)  
 Needs to be removed prior to placement of primary drainage layer
- 4) In spots, clumps of dirt in drainage stone
- 5) No way to prevent "Run-on" on south edge of land fill Cell 4B, Rain coming on Friday. Needs to be addressed before then.
- 6) Drainage problem on east edge of Cell 4B, Needs to be addressed by Friday.
- 7) Need 2 ft of drainage material above leachate collection pipe in center of Cell.

\* Evidence that equipment has disturbed drainage layer at top of west edge just south of site riser.  
No equipment allowed on primary drainage layer other than low ground pressure equipment.



**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 <i>HYLAND LANDFILL</i>		LOCATION <i>HEARDMAN HILL ANGELICATI, ALL. CO.</i>	FACILITY NUMBER <i>02517</i>	DATE <i>10/21/21</i>	TIME <i>1:00</i>
INSPECTOR'S NAME <i>MARK HANS</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES <i>TERRY LONN</i>		
REGION <i>9</i>	WEATHER CONDITIONS <i>39° SNOW/ICE/SUN</i>		DEC PERMIT NUMBER <i>9-0232-0000300002-</i>		
SHEET <i>1 OF 1</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PART(S) 360- _____ Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.

Items marked NI Indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT     ORDER ON CONSENT     EXEMPT     COMPLAINT

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

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

Individual in Responsible Charge (Please print)

*Mark Hans*  
Inspector's Signature

*Terry Lonn*  
Signature

Date

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 10/16/12 11:30pm  
Weather Sunny 45-50°F  
Inspector Beverly Lewinski

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- > Leachate breakout on Southslope, bubbles of gas, covered up by the time I left.
- > would like to see dirt moved on Southslope to help remove ponded water. (Terry said he would fix it today)

OBSERVATIONS/ CONCERNS/PROGRESS

- > Nice job on hydro-seeding
- > Litter was being picked up
- > Cell 1 primary flow meter fixed
- > Cell 4 riser bolted
- > Labeled riser pipes
- > O<sub>2</sub> levels in gasplant dropped .6% since visit on 10/12/12

This form given to:

Terry Lunn

Hyland Landfill Leachate Monitoring Report

Date: 10/16/12

Inspector: Beverly Lewinski

kerokuren cell 4 bolted cell 1 primary how many fixed

Cell 1&2 Riser Building: Levels	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	
	13.0	25.0	6.9	2	9.3	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	11.9	8.0	9.8				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Gnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

after pumping      Air Compressor should be at 100<sup>psi</sup> was @ 25psi

Cell 3 Riser Building Leachate Levels INCHES	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	1.8	Bubbler	7.6				✓		✓
	Pro-Control	1.7	Pro-Control	8.0		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12		✓				

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	24.1	11.7								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	10.2	Bubbler	2.5	Bubbler	9.3	Bubbler	5.1
	Flow Control	10.5	Flow Control	2.4	Flow Control	9.1	Flow Control	19.3
	Bay 1 Stick Measure	9.5	(Stick is 16')		Bay 2 (Estimate)		8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	

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

**Comments**



**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 <i>Hyland Landfill</i>		LOCATION <i>Herdman Hill</i>	FACILITY NUMBER <i>0125117</i>	DATE <i>10/22/12</i>	TIME <i>1130</i>
INSPECTOR'S NAME <i>Beverly Lewinski</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Lunn</i>		
REGION <i>9</i>	WEATHER CONDITIONS <i>Sunny 50° Light Wind</i>		DEC PERMIT NUMBER <i>9-101232-101010311010002-1</i>		
SHEET <i>1</i> OF <i>2</i>	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PART(S) 360- _____ Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.

Items marked NI indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT  ORDER ON CONSENT  EXEMPT  COMPLAINT

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

On Continuation Sheet identify any other violations.

- > Lots of litter along west slope towards Cell 4A (temps picking)
- > Litter along north fence, east road
- > Cell 2 primary pump set to hand
- > Exposed garbage on south slope towards the top
- > Chester in process of fixing air pump.

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

*Beverly Lewinski*  
Inspector's Signature

Individual in Responsible Charge (Please print)  
*Terry Lunn*  
Signature 10-22-12  
Date



**6 NYCRR Part 360**

**SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet**

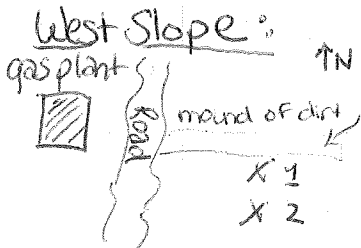
[For Use at Subpart 360-2, 360-4, 360-5, 360-7, 360-8, or 360-11 Facilities]

FACILITY NAME <i>Hyland Landfill</i>		LOCATION <i>Herdman rd Ancelica NY</i>		FACILITY NO. <i>0128117</i>	DATE <i>10 22 12</i>	TIME <i>1130</i>
INSPECTOR'S NAME <i>Beverly Lawinski</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Lunn</i>			
REGION <i>9</i>	SHEET OF <i>2 2</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input type="checkbox"/> No		WEATHER CONDITIONS <i>Sunny 50° light wind</i>		UNDER ORDER <input type="checkbox"/> Yes <input type="checkbox"/> No

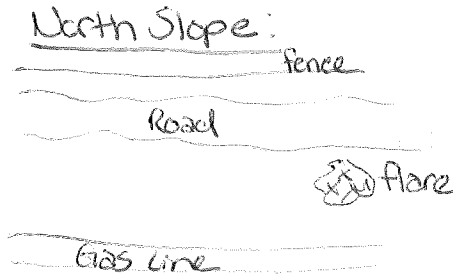
Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71. Additional Violations May be Noted on Sheet One of this Inspection Report.

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

Leachate Problems:



total of 2



total of 2 possibly 3

South Slope:

where patch was placed last week

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

*Beverly Lawinski*  
Inspector's Signature

Individual in Responsible Charge [Please print]  
*Terry Lunn*  
Signature 10-22-12  
Date

Cell 1&2 Riser Building: Levels	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	
	17.9	12.1	8.3	0.2	6.5	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	13	13.1	12.8				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
		Set to hand					
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	0.5	Bubbler	-1				X		X
	Pro-Control	0.6	Pro-Control	0.8		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12		X				

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit	
	Cell 4	22.5	19.3								
	Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	10.6	Bubbler	2.5	Bubbler	8.8	Bubbler	<del>8.8</del> 5.0
	Flow Control	10.8	Flow Control	2.4	Flow Control	8.6	Flow Control	19
	Bay 1 Stick Measure	~10	(Stick is 16')		Bay 2 (Estimate)	~8	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	

*above*

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

**Comments**

DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 10/23 2:00pm

Weather Rain 55-60°F No wind

Inspector Beverly Lewinski

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

OBSERVATIONS/ CONCERNS/PROGRESS

- checked litter from yesterday, much better
- concerned about rilling on east slope, ~~see~~

This form given to: Terry Lunn

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 10/26/12 1:30pm  
Weather 70° Sunny  
Inspector Beverly Lewinski

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- > Some litter along north fence and along road into landfill
- > Cell 2 ponded water needs to be drained and exposed waste covered with dirt.
- > West slope leachate ~~pa~~ repair needs to be reinvestigated the spot to the south of the repair needs to be addressed

OBSERVATIONS/ CONCERNS/PROGRESS

- > South slope dirt needs to be rolled out
- > North slope leachate breakouts need to be addressed
- > Need to finish putting hay on east slope for erosion control
- > Tire wash was broken and fixed since last visit on 10/23
- > roads have been graded and entrances regraded since last visit on 10/23.
- > leachate breakout found on east slope and repaired since last visit on 10/23.
- > water truck being used for dust control

This form given to:

Terry Lunn

## DAILY INSPECTION REPORT

Facility Hyland Landfill

Date & Time 10/30/12 1:00pm

Weather Light Rain, Wind  $\approx$  20mph, 44 $^{\circ}$ F

Inspector Beverly Lewinski

### ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

#### OBSERVATIONS/ CONCERNS/PROGRESS

- patched N. Slope
- repatched  $\circ$  W. Slope
- > Some litter on East Road in landfill and along side of road into landfill, needs to be picked.
- > Need to finish erosion control on E. slope
- > Need to cover exposed garbage at top of South slope.
- > Need to repair damage to North fence.
- > Cell 3 bubbler still down, waiting for part to arrive.
- > took on 153,000 gal into leachate pond overnight due to Cell 4B, even though tarp has been placed over it.

This form given to:

Terry Lunn

- > Cell 2 primary pump set to hand, waiting for repairman to fix it.
- > need to place some more cover on one or two spots on yesterday's working face.

<b>Cell 1&amp;2 Riser Building:</b> Levels	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	
	11.3	35	8.4	02	021	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	-	15.8	7.3		↑ needs new part burned		
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

<b>Cell 3 Riser Building</b> Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	0.5	Bubbler	0.1				X		X
	Pro-Control	0.6	Pro-Control	0.8		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12		X				

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit	
	Cell 4	80.7	12.2								
	Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

<b>Leachate Basins</b>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	9.1	Bubbler	2.0	Bubbler	9.9	Bubbler	5.1
	Flow Control	11.8	Flow Control	2.0	Flow Control	9.8	Flow Control	19.2
	Bay 1 Stick Measure	11.2	(Stick is 16')		Bay 2 (Estimate)	10	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	



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

**Comments**

MH/KH/File  
MAH  
MAH

KH ✓  
BL B.L

### Monitoring Report

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

FOIL  
02S17  
1520

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: September 6, 2012

Reporting Period: August, 2012

Facility Monitor: John Munn (JM) JM

### Summary

Compliance monitoring visits were made August 2, 16, 28 and 30. A monthly inspection was done August 20. No offsite odors were noted on any visit. Litter is under control. Remedial work to drain and grade the south slope of cells 2 and 3 is ongoing. On August 7, unauthorized asbestos waste was accidentally received, and on August 20, waste was received that did not match the approval paperwork's description. Neither incident caused harm to the environment. On August 28, the Cell 3 secondary pump was pulled for maintenance and will be left out of service until the sump can be cleaned on September 10.

On August 28, KH noted storm water run-off inundated the leachate collection trench on the south slope, resulting in leachate contaminated surface water run-off. Further, run-off entered the Cell 4B from the south slope, requiring the composite liner to be cleaned or replaced.

Cell 4B construction: A groundwater seep was encountered during excavation. The seep was channeled into the surface water drainage.

### General Operations:

**Waste Placement:** Waste placement and compaction were good.

**Daily Cover:** Daily cover was good.

**Asbestos Waste:** On August 7, unauthorized waste destined for the Chaffee landfill was admitted by the gate into the Hyland landfill. The error was not discovered until after the waste was unloaded. No adverse consequences resulted and to minimize handling and exposure, the waste was buried rather than being reloaded onto the truck. Hyland reported the error the DEC.

**Intermediate Cover:** Additional intermediate cover was placed on the Cell 2/3 south slope to help control leachate and dress up the protruding waste resulting from well and trench installations. Additional cover is needed to complete the work. Vegetative cover will be required once the soil work is completed.

**Road maintenance/Dust and Mud Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter. With limited success due to the hot dry conditions, water spray dust control was deployed to minimize dust on landfill service roads.

**Litter:** Litter was not a problem. As requested, hay bales were placed along service road's cul-de-sac south of Cell 4A. This control was previously effective at trapping roadway litter before it migrated into the adjacent sediment pond.

**Storm Water Management:** Most detention basins effectively trapped sediment. On August 30, the secondary sediment basin immediately south of Cell 4A had highly turbid water at its western end only meters from its outfall to the receiving stream. The basin has no effective fore-bay for run-off received from its western end. This sediment laden run-off originates on the south slope of Cell 4A and the roadway cul-de-sac. Hay bales placed along the roadway are only partially effective in filtering the fine clay, and address only the roadway run-off. Storm water flow should be re-directed into the fore-bay where suspended material will have more time to settle out of suspension, and grass needs to be planted on the slope, the drainage channel, and along the roadway to minimize exposed soils that cause storm water turbidity.

**Leachate Seeps:** Despite the dry weather conditions, A few seeps still emerge from the south slope of Cells 2 and 3. Depending on location, some seeps were channeled into French drains leading to Cell 4's leachate collection system, and in some instances, seeps were redirected back into the waste. On August 28, KH noted "Leachate left site last night when surface water inundated the leachate collection area on the south slope."

**Leachate Management:**

Oil contaminated leachate flowed to the leachate basins. The bulk of the oil was vacuum-skimmed by GEI and oil booms were placed across the north basin. During the month, the north basin's leachate level dropped about two feet, a reduction of about 135,000 gallons. The south basin's level was unchanged.

**Environmental Issues:**

**Odors:** No odor complaints were received during August. On each visit, local Angelica roads were driven in search of offsite odors. No off site odors were noted in the village, along CR 16 (East Main St) to CR2 or along Peacock Hill Rd.

**South Slope Issues:** South slope remedial work is ongoing, but is still incomplete at month end. French drains and leachate collection trenches remain open with exposed waste, but cover soil was brought onto the slope to cover and grade. Equipment

problems contributed to delays. KH reported heavy rain during the night on August 27 overwhelmed the leachate collection trenches and berms resulting in leachate flowing into the surface water run-off. A new leachate seep was noted on August 30 and drainage work remains incomplete.

**Stormwater Run-off:** Bare slopes, and exposed soil from general operations and construction activities increase turbidity and sedimentation potential. Storm water is captured by retention basins, but Cell 4's sedimentation pond does not appear to have sufficient holding time to cause the suspended clay and silt to fall out of suspension, especially since waters received from the west do not flow into a fore-bay, travel into the basin at a great velocity and enter the basin close to its drain into the receiving stream.

#### **Other:**

**Unauthorized Waste:** On August 7, a gate oversight resulted in the passing of a load of unapproved asbestos C&D. The load was manifested to Chaffee Landfill but the driver mistakenly drove to Hyland where he had recently taken other asbestos loads. The error was found after the load was discharged, and it was determined that there would be less risk to workers by appropriately burying the waste.

In a second incident on August 20, a load of drill cuttings was carried in by a tanker trailer. The material was described by the generator as being solid but it contained a large volume of free flowing water. Regulations limit the water to less than 20% and require no free flowing liquids. Also, the waste volume and the trailer type were inconsistent with Form 47-19-7 documentation.

**New Construction:** Groundwater seeps caused disruption of Cell 4B construction. Hyland's engineer, Shawn Logan, communicated with DEC's Mary McIntosh to address the issue. The seeps were intercepted, diverted around the construction and drained into the surface run-off. By month end, the sub-grade work was completed, the groundwater drainage composite was installed and the secondary soil was being placed.

#### **Areas of Concern**

- South slope remedial work and application of intermediate cover remains incomplete.
- Surface water run-off turbidity needs to be addressed

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 8/2/12 Sat 1<sup>30</sup> pm  
Weather Sunny, partly cloudy  
Inspector John Muan

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

South slope work - completion is a priority -  
Complete drainage work, backfill/cover & grade  
as necessary to get work finished

## OBSERVATIONS/ CONCERNS/PROGRESS

Drove Angelica, East Main to CR2. No odors, 1<sup>00</sup> - 1<sup>45</sup>  
North, East & West slopes look good - 1. Her tree. No leachate  
seeps seen.

South slope - leachate seep N of well W of tire chip pile (west most)  
Gas venting @ LW 6.

East & South of LDW 3 (and South of LDW 9), trench needs to be filled w/ tire  
chips and covered. - waste is exposed, trench open

2 Tires in today's waste on ~~south~~ north side of working face

Cell 4 south slope looks good - cover is level, graded and <sup>for fire most</sup> litter free  
- litter pickup needed.

Sediment basins are litter free. Litter fence along cell 4 sed  
basin needs to be replaced.

This form given to: Jerry Luna

Hyland Landfill Leachate Monitoring Report

Date: 8/2/12, 1<sup>50</sup> pm Inspector: John Munn

Cell 1&2 Riser Building: Levels	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	
	8.5	13.5	7.1	0.2	12.7	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	14.1	10.2	11.6				
Warning Lights (check if lit) <i>None lit</i>	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit) <i>None lit</i> <i>After adjust div to then 1.0 lit</i>	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump	
	Bubbler	1.6	Bubbler	21.6				✓			✓
	Pro-Control	1.7	Pro-Control	21.8		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure	
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12							

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit) <i>None lit</i>	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	22.9	22.6								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	9.7	Bubbler	3.6	Bubbler	9.3	Bubbler	6.0
	Flow Control	10.0	Flow Control	3.7	Flow Control	9.1	Flow Control	19.3
Bay 1 Stick Measure	9'6"	(Stick is 16')		Bay 2 (Estimate)	10'	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top		

*9.3 = 1/2 way up to Hume "U"*

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

**Comments**

**John Munn - Hyland Waste**

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**From:** Joe Boyles <Joe.Boyles@CASELLA.COM>  
**To:** "Mark Hans" <mjhans@gw.dec.state.ny.us>, "John Munn" <jrmunn@gw.dec.stat...  
**Date:** 8/10/2012 1:16 PM  
**Subject:** Hyland Waste  
**Attachments:** Hyland Waste 081012.pdf; Hyland unauthorized waste 080912.pdf

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*(See attached file: Hyland Waste 081012.pdf)(See attached file: Hyland unauthorized waste 080912.pdf)*

Joe Boyles  
General Manager: Hakes, Hyland & McKean Landfills  
McKean County Landfill Special Waste Manager  
District Project & Compliance Manager

Office Location:  
Hyland Facility Associates  
6653 Herdman Road  
Angelica, NY 14709

Ph: 585.466.7271  
Fax: 585.466.3206  
Cell: 716.860.9219



UNAUTHORIZED WASTE  
**WASTE-REFUSAL FORM**

Facility: Hyland 716.864.1240

Date: 8/7/12 Time: 12:28 Inspector: Joe Bayles JOE

Waste Hauling Company: Mallare Ent.

Driver's Name: Ronald A. Filbert - Ronald A. Filbert  
Driver's # 1-888-247-2357

Method of Delivery (tractor trailer, roll-off, etc.): Tractor Trailer

Truck No.: 40 Trailer No.: 27 License No. PA-40-N478755-PA  
JAL-21-BC 28094

Gross Weight (from Scalehouse): 23.80

Reason for Refusal: ERRONEOUS ACCEPTANCE  
unauthorized waste

ASBESTOS WAS ACCEPTED WITH PRIOR AUTHORIZATION

**NYSDEC NOTIFICATION IF REQUIRED/RECOMMENDED:**

Date: 8-7-12 Time: 1:30 pm NYSDEC Contact: Kevin Hintz

Signature of Operations Supervisor/Manager: Gerry Lee

Signature of Driver: [Signature]

**NOTE: NOTIFY OTHER CASELLA LANDFILLS OF REFUSED LOAD TO PROHIBIT UNAUTHORIZED WASTE FROM BEING DISPOSED**

MALDEN 201

WASTE SHIPMENT RECORD

REPORT DATE

A.U. 40. TRC-2 7- N.Y. 98785-PL. 7/4/12

GENERATOR	1. Work site name and mailing address 9878 HARDEAN ROAD ANGOLA, NY 14006		Owner's Name 9878 HARDEAN ROAD		Owner's telephone no. 7166854588
	2. Operator's name and address Empire Bldg. Diagnostics PO. BOX 412 Depew, NY 14023			#3090 Operator's telephone no. 685-4588	
	3. Waste Disposal Site (WDS) Name Waste Management Inc 10860 Olean Rd Mailing Address Chaffee NY 14030		WDS telephone no. (716) 496-5000		Additional Information 5/25
	Physical Site Location 10860 Olean RD Chaffee NY				
	4. Name and address of responsible agency State Office BLDG 12 Albany NY 122240				
	5. Description of materials FRIABLE ASBESTOS		6. Containers No. 27 Type 100 LIT		7. Total quantity m <sup>3</sup> (yd <sup>3</sup> ) 100 yd #Type!
	8. Special handling instructions and additional information 109419NY				
	9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.				
	Printed/typed name & title Mike Young VP		Signature 		Month Day Year
TRANSPORTER	10. Transporter 1 (Acknowledgment of receipt of materials)				
	Printed/typed name & title		Signature		Month Day Year
	Address and telephone no. 174 North Elliott Street Amherst, N.Y. 14226				8-7-12
	11. Transporter 2 (Acknowledgment of receipt of materials)				
Printed/typed name & title		Signature		Month Day Year	
Address and telephone no.					
DISPOSAL SITE	12. Discrepancy Indication space				
	13. Waste disposal site owner or operator: Certification of receipt of asbestos materials covered by this manifest except as noted in Item 12.			Grid Coordinates East ___ North ___ El ___	
	Printed/typed name & title LPA		Signature 		Month Day Year 8 7 12

ORIGINAL RETURN TO GENERATOR

Hyland Facility Associates  
6653 Herdman Rd.  
Angelica, NY 14709  
WO2A17

TICKET: 179264  
DATE: 08/07/2012  
TIME: 12:28 - 14:02

This is a Reprint Ticket

CUSTOMER: 58000308 / EMPIRE BLDG. DIAGNOSTICS P.O.:  
HAULCUST: WO: 0 APPROVAL #: GROSS: 83480 LBS  
ORIGIN: ERI / ERIE / NY TARE: 35880 LBS  
TRUCK: LCA40 TRAILER: 27 NET: 47600 LBS  
GENERATOR: NA / Non App PROFILE #: NA  
HAULER: MAL / MALLARE TRUCKING ROUTE: NA / Non App

COMMENT: CELL: CELL 4

<u>MATERIAL</u>	<u>QUANTITY</u>	<u>UNIT</u>
FRAS / FRIABLE ASBESTOS WASTE	23.8000	ST

I Certify under penalty of perjury that I am familiar with wastes  
authorized at this facility and that to the best of my knowledge all  
waste contained in this load is authorized for disposal at this facility.

Driver: \_\_\_\_\_ Weighmaster: \_\_\_\_\_  
IN: BILL MANNING B: PCSCALE2-A OUT: Michelle McCloskey B: PCSCALE2-A



August 8, 2012

John Munn  
New York State Department of Environmental Conservation  
Division of Solid and Hazardous Materials – Region 9  
270 Michigan Avenue  
Buffalo, New York 14203-2999

**RE: Hyland Facility Associates  
Permit No. 9-0232-00003/00002  
Unauthorized Waste**

Dear Mr. Munn:

On August 7, 2012, Hyland unintentionally accepted a load of friable asbestos that had not been previously approved by the Department. The scalehouse operator recognized a driver and a hauler as having made previous trips to Hyland with asbestos and subsequently made the erroneous assumption that the load was for disposal at the Hyland facility. Unfortunately, the driver had also made an error and had travelled to the wrong landfill; the load was manifested to the Waste Management landfill in Chaffee. The scalehouse operator did not fully scrutinize the manifest, misunderstood that the waste was not for Hyland, and allowed the load to dump. The error was not discovered until the truck had just discharged the load into a previously excavated trench. The material had not yet been covered, but Hyland directed the landfill operator to cover the asbestos to thwart any possibility of generating a hazardous condition.

The Facility acknowledges that the scalehouse operator is one of our first lines of defense against the acceptance of unauthorized waste. The operator failed to properly recognize documentation for a load that was clearly manifested to the Chaffee landfill. This operator, and the other scalehouse operators, have been retrained with the emphasis on attention to transportation documentation.

Transmitted here within are copies of the manifest and the scalehouse ticket. Documentation required to be submitted to the generator will be completed in compliance with rules and regulations. Kevin Hintz was notified of the incident on the day of the occurrence. Should you have any questions or require additional information, please call me at 585.466.7271.

Sincerely,

**HYLAND FACILITY ASSOCIATES**

A handwritten signature in black ink, appearing to read "J. R. Boyles", with a stylized flourish at the end.

Joseph R. Boyles  
General Manager

cc: Carla Jordan, Hyland; Max Stanisch, Hyland

**John Munn - Fwd: Re: Hyland Groundwater Seep Information**

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**From:** Mary McIntosh  
**To:** John Munn  
**Date:** 8/10/2012 3:09 PM  
**Subject:** Fwd: Re: Hyland Groundwater Seep Information

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John, FYI since you weren't on the original cc list.

>>> Mary McIntosh 8/10/2012 3:07 PM >>>

Thanks Shawn. I will need to discuss this with Mark, Kevin and John. It seems to me that if there is 30 feet of separation, that should be enough to prevent artesian bedrock groundwater from penetrating through the overburden, based on drilling conditions I observed during the installation of the well 37 cluster. I think that we may need to determine that there is 20 feet of separation west of the well 37 cluster, but we can see how the seeps perform in the coming week or two before we make any further decisions. I will be on vacation next week, so if you have further information you can contact Mark.

>>> "Shawn Logan" <slogan@mmce.net> 8/10/2012 1:49 PM >>>

Mary,

Appended is a plan showing the site subgrade contours, bedrock contours, groundwater seep locations, and borings completed since the bedrock map was developed during the expansion. Based on the subgrade and bedrock surfaces there appears to be approximately 30 feet of separation at these locations.

The groundwater seeps are located east of Cell 4B, outside of the proposed area to be lined this year. The initial groundwater seep (shown as point 4) was initially observed on July 31, 2012 by the contractor. Since that time, three additional groundwater seeps have developed at lower elevations. As these additional seeps developed, the initial seep has dried up. As of August 9, 2012 the second highest seep in elevation has also dried up. The two lower seeps continue to flow at a rate between 5 and 10 gallons per minute. We believe the groundwater seeps are related to the artesian conditions that have been observed in monitoring well MW-37. Construction has removed overburden soils that once confined the bedrock water. Monitoring well MW-37 is no longer experiencing artesian conditions and the water level continues to drop.

During Cell 3A construction, a similar situation was encountered. Groundwater seepage was observed and borings SB1-07 and SB2-07 were completed to verify that 20 feet of separation was maintained (Refer to figure for locations). Bedrock was not encountered in either of the borings.

At this time, we would propose to continue to monitor the groundwater flow and to observe if the elevation and flows continue to drop. The groundwater seep will continue to be diverted around the active landfill and current construction. If current conditions should change, we will notify you.

Thanks,

Shawn W. Logan, P.E.  
McMahon & Mann Consulting Engineers, P.C.  
2495 Main Street, Suite 432  
Buffalo, NY 14214  
Phone: 716-834-8932  
slogan@mmce.net

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 8/16/12 1<sup>15</sup>  
Weather partly cloudy, 70's - 80's  
Inspector John Munn

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

None seen. Continue with south slope remedial work.

No offsite odors in village / East Main St to C.R. 2

## OBSERVATIONS/ CONCERNS/PROGRESS

Major operational changes in last 2 weeks.

Access to cell 4 a is from roadway by cell 3 riser bldg. Old former cell 4 access road taken out of service to build culvert.

Cell 4 is well covered & level. All looks very good.

New culvert under old roadway is installed and draining the old artesian well. Backfilling and density testing taking place (in 1' lifts)

Both south retention basins look good. Areas are litter free. Overall, the litter is non-existent. Some litter on west road where trucks queue to enter cell 4<sub>5</sub> but minimal.

This form given to:

Terry Lunn

South slope work progresses. No leachate seeps seen - dry conditions.

Water spray deployed to control dust. Odors are minimal. No issues / no violations seen.

Hyland Landfill Leachate Monitoring Report

Date: 8/16/12 1<sup>40</sup>

Inspector: John Murray

Cell 1&2 Riser Building: Levels	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	
	12.0	13.9	7.3	0.2	-3.5	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	15.9	11.2 + 5.9	12.3				
Warning Lights (check if lit) <i>None lit</i>	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	8.1	Bubbler	18.6				✓		✓
	Pro-Control	8.2	Pro-Control	18.9		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit) <i>None lit</i>	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	22.9	16.5								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	10.1	Bubbler	2.0	Bubbler	9.4	Bubbler	4.5
	Flow Control	10.4	Flow Control	2.0	Flow Control	9.3	Flow Control	17.7
	Bay 1 Stick Measure	9'6"	(Stick is 16')		Bay 2 (Estimate)	9'6"	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	

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

**Comments**



DAILY INSPECTION REPORT

Facility Hyland landfill  
Date & Time 8/20/12 1<sup>15</sup>  
Weather Sunny, partly cloudy, 70's, dry  
Inspector John Munn / Al Zylinski

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Unauthorized waste - 47/19.7 <sup>Famer</sup> # 3406 -  
waste at least 50% water/brine - 4.5 tons total

OBSERVATIONS/ CONCERNS/PROGRESS

Some small leachate breaches @ LDW 125

# 3406 (47-19.7) - at least 50% water - only 6-10 yds of  
material, rest was water

This form given to: Terry Lunn



DAILY INSPECTION REPORT

FACILITY: Hybrids Facility

DATE & TIME: 8/28/12 12:00 pm

WEATHER CONDITIONS: partly cloudy

INSPECTOR'S NAME: Kevin Antz

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

- 1) Leachate left site last night when surface water inundated the leachate collection area on the south slope.
- 2) Need to clean up the area around the leachate collection area & complete the collection area so no more leachate can leave the site.
- 3) Need to cover the ponding water around the newly installed wells on mid terrace of the south slope.

---

Construction of 4B.

- Subgrade finished & CW composite installed.
- Lots of runoff entered cell. Will need to clean/replace some of the composite.
- starting to place secondary soil on SE corner of 4B.

This form given to: Ferny Luna

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 8/30/12 1<sup>00</sup> - 4<sup>00</sup>  
Weather 70's, Sunny, Southerly winds  
Inspector John Murray

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Continue Work on cell 3 south slope (correct leachate breakout, cover w/ intermediate cover + grade)  
Much progress so far. Remove <sup>any</sup> exposed waste <sup>or cover</sup> <sub>road</sub>.  
groom slope.

## OBSERVATIONS/ CONCERNS/PROGRESS

Site is generally litter free.

Seed basins & surface water systems are vegetated, litter free. Look good -

Leachate impoundments - Boom across N basin. Oil coating stone & floating on both sides of boom (seen on surface @ north of boom, glimmer on south). South bay has rock.

Stone on boom pulled back to expose liner - appears to be in preparation for installing a saddle when liner crew is here for cell 4B.

Storm detention basin south of cell 4 is loading up w/ sediment from cell 4 south slope - hay bales placed around cul-de-sac to catch sediment.

This form given to:

Left for Terry Luan

Cell 2/3 south slope looks good. Minor breakout in cell 3C.

Hyland Landfill Leachate Monitoring Report

Date: 8/30/12

Inspector: John Mann

*2/24/12*

Cell 1&2 Riser Building: Levels	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	
	11.7	13.4	9.3	0.2	-3.3	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
Warning Lights (check if lit)	16.2	8.8	12.6				
	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

*None lit*

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Secondary Pump pulled Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	2.0	Bubbler	-0.2		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	Pro-Control	2.1	Pro-Control	0.7						
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit) <i>None lit</i>	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	21.7	11.3								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	7.5	Bubbler	2.4	Bubbler	9.4	Bubbler	4.5
	Flow Control	7.8	Flow Control	2.5	Flow Control	9.2	Flow Control	INVALID 17.0
	Bay 1 Stick Measure	9'	(Stick is 16')		Bay 2 (Estimate)	9'6"	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	

*Cell 3 Secondary Pump pulled due to mud in sump blocking flow. Pump pulled 8/28, GE1 scheduled to clean sump 9/10*

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

**Comments**

*Tanker loading from Bay 1*

MH/KH/File  
MSA  
MCA

## Monitoring Report

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

SOIL  
02S17

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: August 17, 2012

Reporting Period: July, 2012

Facility Monitor: John Munn (JM)

### Summary

Compliance monitoring visits were made July 11, 12, 19, 23, 27 and 31. A monthly inspection was done by KH on July 6.

#### General Operations:

**Waste Placement:** By month end, waste placement and compaction improved considerably. Flat waste areas were more level and all surfaces better compacted.

**Daily Cover:** It was noted by both KH and JM on separate visits that daily cover needed improvement. Cover was thin or waste protruded on Cell 4's external east and south side slopes. Significant improvement was seen in August.

**Asbestos Waste:** Asbestos disposal was witnessed on July 19. Waste was placed at the toe of a slope and un-compacted MSW placed against and over the asbestos C&D to cover. JM requested that the MSW be compacted and broken down prior to its placement as cover over the asbestos C&D waste to minimize air movement from compaction of the MSW cover,

**Intermediate Cover:** The hot dry weather prevented seed germination of vegetative cover placed on side slopes in June. Intermediate cover placed on the top of Cells 1 and 2 needs to be dressed up to cover waste excavated by drilling and trenching operations that is uncovered or mixed in with intermediate cover soil.

**Road maintenance/Dust and Mud Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter. With limited success due to the hot dry conditions, water spray dust control was deployed to minimize dust on landfill service roads.

**Litter:** Litter was not a problem. On July 19, litter was noted along the eastern access road proximate to Detention Basin 1 and on July 25, following removal of litter control measures, litter was noted in Cell 4's temporary storm water detention basin. Each of these areas was policed before the next inspection.

**Storm Water Management:** No problems were noted. The detention basins effectively trapped sediment. Other than the litter mentioned above, storm water drainage systems were free of litter.

**Leachate Seeps:** Leachate emerged from Cell 2's south slope at a number of locations. French drains filled with tire chips were constructed to channel leachate into Cell 4's leachate collection system. On July 19, oil from the two-phase leachate described in last month's report was discovered floating in the north leachate impoundment. Surface and subsurface leachate samples were collected to measure total petroleum hydrocarbons. On July 31, it was noted that French drains were extended and additional clay cover was placed on the slope to reduce surface breakouts.

**Leachate Management:**

Leachate inventory fell during the month by approximately 200,000 gallons. Leachate inventory fell from about 68% to 50% of total storage capacity. The Bay 2 Secondary Pro Control continues to display a faulty reading.

**Environmental Issues:**

**Odors:** No odor complaints were received during July. On each visit, local Angelica roads were driven in search of offsite odors. No off site odors were noted in the village. On July 23 at about 1:30PM and with southwest winds, light landfill odors were noted along Peacock Hill Rd proximate to and north of #6565 Peacock Hill Rd.

**South Slope Issues:** South slope remedial work is ongoing. French drains have been extended and some leachate collection trenches remain open with exposed waste. Despite the favorable dry conditions, the remedial work remains unfinished. Work that remains includes filling and covering excavated trenches, removing waste contaminated cover soils, grading and addressing minor breakouts, permanently capping or sealing all venting wells, and labeling the gas wells.

**Other:**

**Radiation monitor:** On July 12, the radiation monitor identified a hot load of MSW. The radiation source was Technetium (Tc99m), a medical use isotope. Hyland contacted DEC and it was determined that the isotope would decay and be safe for disposal.



**Tonnage Discrepancy:**

On July 26, Cindy Pepin (Casella Waste Systems, Inc) notified the DEC that a load of friable asbestos exceeded the tonnage approved by the Department. The difference was immaterial and no action was taken.

**Areas of Concern**

- South slope remedial work and application of intermediate cover remains incomplete.
- Intermediate cover on Cells 1 and 2 needs to be addressed.



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

*MSH*  
*JM*  
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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 <i>Hylands Facility</i>		LOCATION <i>Hylands</i>	FACILITY NUMBER <i>02517</i>	DATE <i>07/26/12</i>	TIME <i>1:43p</i>
INSPECTOR'S NAME <i>Kevin Hantz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Lunn, Landfill Sup.</i>		
REGION <i>9</i>	WEATHER CONDITIONS <i>Hot Humid, 90's</i>		DEC PERMIT NUMBER		
SHEET <i>1 OF 2</i>	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PART(S) 360- Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.  
Items marked NI indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT  ORDER ON CONSENT  EXEMPT  COMPLAINT

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

*- Need to address remaining leachate/gas breakthrough on south slope.*  
*- Need to place more cover on spots of south slope of Cell 4A & east slope above access road.*

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

*Kevin Hantz*  
Inspector's Signature

Individual in Responsible Charge (Please print)  
*Terry Lunn*  
Signature  
Date



6 NYCRR Part 360

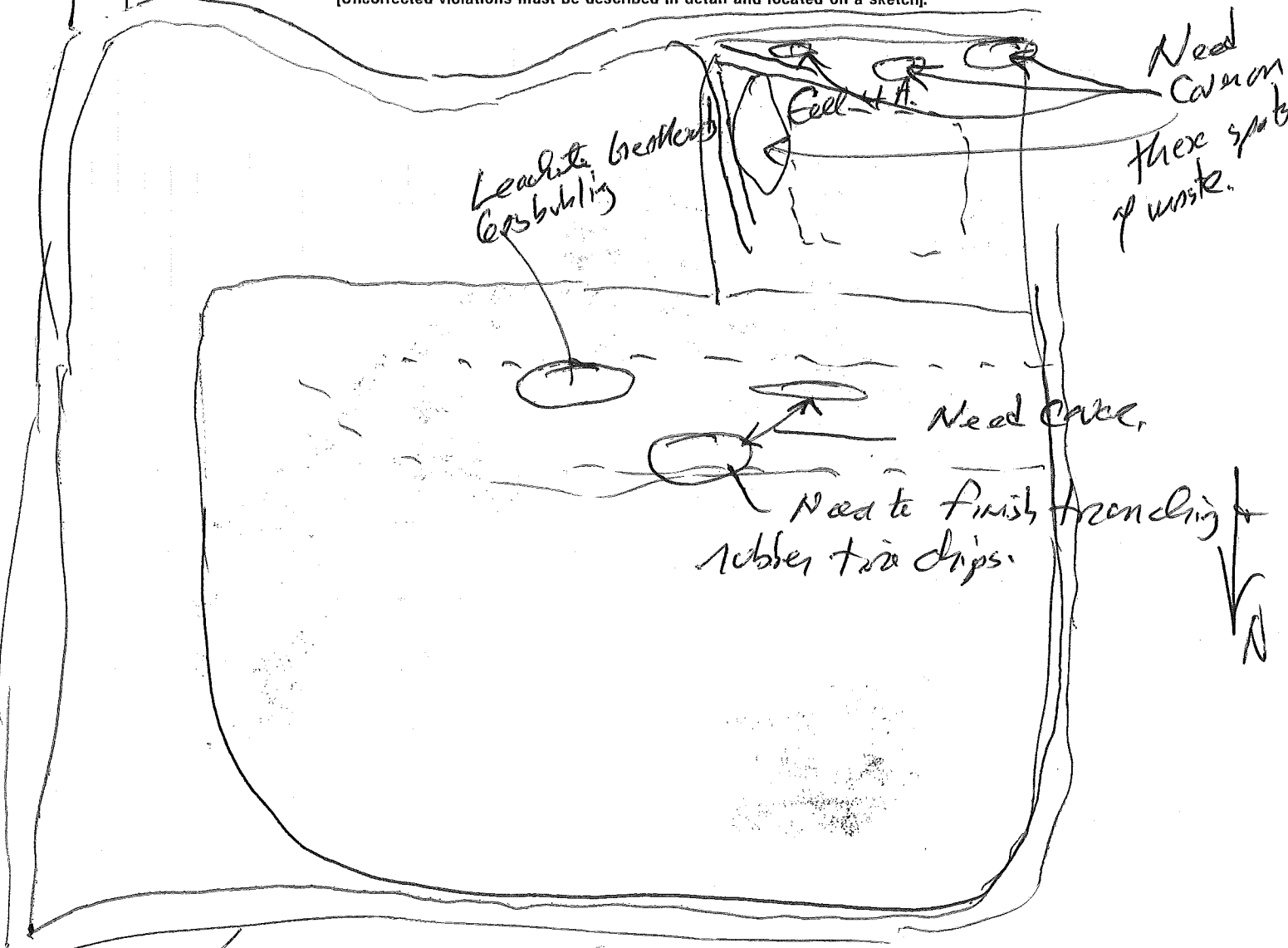
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet

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

FACILITY NAME <i>Hylands Facility</i>		LOCATION <i>Hickman Rd. Angelica (D)</i>		FACILITY NO. <i>025170706</i>	DATE <i>12/14/30</i>	TIME <i>12:430</i>
INSPECTOR'S NAME <i>Kevin Hritz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES <i>Teray Low Landfill Supervisor</i>			
REGION <i>9</i>	SHEET OF <i>2 of 2</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		WEATHER CONDITIONS <i>Hot, 90's, Humid.</i>		UNDER ORDER <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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



*[Handwritten Signature]*  
Inspector's Signature

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

\_\_\_\_\_  
Individual in Responsible Charge [Please print]  
\_\_\_\_\_  
Signature Date

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 7/11/12 1<sup>40</sup>-3<sup>30</sup>  
Weather Sunny, 80°, dry conditions, Easterly winds  
Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Continue w/ south slope work! looks good so far.  
Leachate Bay 2 Secondary Pro Control needs calibration  
(Not in agreement w/ bubbler)

- Some cover needed east side of cell 4 - exposed waste
- South slope of cell 4 looks good - cover  $\frac{1}{2}$  graded - some larger waste items to be removed.

OBSERVATIONS/CONCERNS/PROGRESS

1<sup>40</sup> - 1<sup>55</sup> - Drive Angelica Roads to RT 2,  $\frac{1}{2}$  return to Peacock Hill, Peacock Hill to cell tower (#6565 Peacock Hill) - No off-site odors

2<sup>00</sup> - Hyland's North + West slopes look good. No break-outs, no litter, bare areas are ~~covered~~ covered w/ hay. Leachate systems look good. No pump failures, all operational.

Sed pond #2 looks good.

Dust control being employed - road spraying

Major work/improvements seen on south slope.

This form given to: Terry Lunn

South slope Progress - see reverse

On upper plateau, at toe of Cell 2 slope, a trench was dug, deepened + backfilled w/ tire chips, then covered w/ clay & rolled to compact & smooth. Lower bench left to do. No evidence of leachate @ surface near the drain.

Hyland Landfill Leachate Monitoring Report

Date: 7/11/12

Inspector: John Muna

<b>Cell 1&amp;2 Riser Building:</b> Levels	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	
	11.2	13.8	8.4	0.2	13.1	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	12.2	12.4	12.8				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	None Lit						
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

<b>Cell 3 Riser Building</b> Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	1.4	Bubbler	18.4				✓		✓
	Pro-Control	1.6	Pro-Control	18.8		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	20.6	20.3			✓		✓			
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

<b>Leachate Basins</b>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	11.9	Bubbler	3.6	Bubbler	10.2	Bubbler	5.1
	Flow Control	12.2	Flow Control	3.6	Flow Control	10.1	Flow Control	19.7
Bay 1 Stick Measure	10 1/2'	(Stick is 16')		Bay 2 (Estimate)	9 1/2'	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top		

High level ✓

← in error

**Comments**

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 1/12/12 2<sup>30</sup> pm - 4<sup>35</sup>  
Weather Sunny, 80's, steady SW winds @ top of cell 2  
Inspector John Murray

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Some waste @ toe of south side of 4A - needs removal (bigger stuff)  
Repair leachate breakouts - lower tier of cell 3 South slope  
Leachate breakout on slope ~70' west of LDW-9 (look for <sup>yellow</sup> green hard hat)  
→ Part of South slope remedial work.

OBSERVATIONS/ CONCERNS/PROGRESS

Upper tier of south slope (cell 2 toe) looks good.  
Leachate breakouts @ lower tier - running across surface

Open trench - ~8' wide along lower loop of cell 2/3 haul road - purpose? Fill + cover req'd.

Radioactive load rec'd. Protocols followed: Contacted DEC. Ok to accept - will be buried tomorrow

Kevin Hintz on site

ⓐ No offsite odors - Brooklyn → West → Railroad → Peacock Hill

This form given to: Terry Luna



## John Munn - Hyland Rad Detector Information

---

**From:** Joe Boyles <Joe.Boyles@CASELLA.COM>  
**To:** "Thomas Papura" <trpapura@gw.dec.state.ny.us>  
**Date:** 7/12/2012 2:12 PM  
**Subject:** Hyland Rad Detector Information  
**CC:** "Mark Hans" <mjhans@gw.dec.state.ny.us>, "John Munn" <jrmunn@gw.dec.stat...  
**Attachments:** SPEC0066.N42; SPEC0067.N42; SPEC0068.N42; SPEC0069.N42

---

Mr. Papura:

As we had discussed, Hyland landfill had a truck set off the detectors. The Ludlum 702i Identifier showed the source to be Technicium (Tc99m). If you are in agreement, then we will wait for the material to decay to a point where the gate detectors do not activate and then dispose. Or, are we able to accept immediately upon your verification.

*(See attached file: SPEC0066.N42)(See attached file: SPEC0067.N42)(See attached file: SPEC0068.N42)(See attached file: SPEC0069.N42)*

SPEC0066: Background  
SPEC0067: Known Source: Cs137  
SPEC0068: Unknown  
SPEC0069: Unknown Run 2

Joe Boyles  
General Manager: Hakes, Hyland & McKean Landfills  
McKean County Landfill Special Waste Manager  
District Project & Compliance Manager

Office Location:  
Hyland Facility Associates  
6653 Herdman Road  
Angelica, NY 14709

Ph: 585.466.7271  
Fax: 585.466.3206  
Cell: 716.860.9219

John Munn - Re: Hyland Rad Detector Information

---

**From:** Thomas Papura  
**To:** Joe Boyles  
**Date:** 7/12/2012 2:33 PM  
**Subject:** Re: Hyland Rad Detector Information  
**CC:** John Munn; Kevin Hintz; Mark Hans

---

Joe,

I have reviewed all spectra forwarded to me in Peak Easy v 4.03 and confirm the following:

- The calibration is accurate for energy resolution based on your background and Cs-137 spectra.
- The unknown you identified as Tc-99m is accurate.

My only suggestion is that in the future, you perform a 5 minute acquisition for each spectrum. The peak shape and definition is much better when acquired for a longer count than 60 seconds.

As it is a medical isotope, Tc-99m is not regulated once it passes through a patient. Furthermore, with a very short (6 hour) half life, the material will completely decay away within a little over two days.

If you wish to dispose of this material, there are no regulatory issues from a radiological standpoint.

If you need anything more, do not hesitate to contact me.

Tom

Thomas Papura  
Environmental Radiation Specialist II  
Radiological Sites Section

Contaminated Sites Group Leader  
NYSDEC  
625 Broadway  
11th Floor  
Albany, NY 12233  
(518) 402-8783  
FAX (518) 402-9024

>>> Joe Boyles <Joe.Boyles@CASELLA.COM> 7/12/2012 2:05 PM  
>>>

Mr. Papura:

As we had discussed, Hyland landfill had a truck set off the detectors. The Ludlum 702i Identifier showed the source to be Technicium (Tc99m). If you are in agreement, then we will wait for the material to decay to a point where the gate detectors do not activate and then dispose. Or, are we able to accept immediately upon your verification.

*(See attached file: SPEC0066.N42) (See attached file: SPEC0067.N42) (See attached file: SPEC0068.N42) (See attached file: SPEC0069.N42)*

SPEC0066: Background  
SPEC0067: Known Source: Cs137  
SPEC0068: Unknown  
SPEC0069: Unknown Run 2

Joe Boyles  
General Manager: Hakes, Hyland & McKean Landfills  
McKean County Landfill Special Waste Manager  
District Project & Compliance Manager

Office Location:  
Hyland Facility Associates  
6653 Herdman Road  
Angelica, NY 14709

Ph: 585.466.7271

DAILY INSPECTION REPORT

Facility Hylant Landfill  
 Date & Time 7/19/12 2<sup>15</sup> pm - ~~5~~<sup>4:05</sup> pm  
 Weather Sunny, <sup>3</sup> overcast, 80's, very light <sup>Southerly</sup> Easterly winds  
 Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

More. Dust control needed -

OBSERVATIONS/ CONCERNS/PROGRESS

No odors on South St, village areas or on Peacock Hill (up to cell tower - #6565 Peacock Hill). No odors up Herdman Rd.

Seachate Bay #1 (North basin) has floating oil - stone embankment is stained w/ oil. May be an issue w/ treatment plants

Waste placement + compaction look good. Minor litter noted along eastern side of east roadway to water pond (SE corner) - otherwise very little litter seen.

No offsite odors noted.

This form given to: Terry Lunn

Asbestos waste placed at toe of slope & covered. I asked Neil to compact/crush garbage before it is used as asbestos waste cover.

— over —

## South Slope

Remedial work still in progress. Chester has a small connector trench dug - looks like it is the last remaining trench needed - still to fill w/ tire chips. Will connect east side of slope to lower leachate trench/drain.

There was leachate pooled by a gas well - on eastern side - that may need to be drained - will see after / ~~last~~ <sup>if</sup> current work underway helps. Overall, south slope looks very good, compared to what it was. Dry weather helps. Effectiveness to be assessed after some ~~rain~~ rains. Grading will be needed / then vegetative cover upon completion.

Hyland Landfill Leachate Monitoring Report

Date: 7/19/12  
~2:30 pm

Inspector: John Munro

Cell 1&2 Riser Building: Levels	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	
	16.2	13.5	8.0	0.2	12.4	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	17.7	8.8	12.8				
Warning Lights (check if lit) <i>None Lit</i>	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	0.3	Bubbler	20.6				✓		✓
	Pro-Control	0.5	Pro-Control	20.9		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	19.0	11.3			✓		✓			
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	10.6	Bubbler	3.7	Bubbler	10.0	Bubbler	5.7
	Flow Control	10.9	Flow Control	3.7	Flow Control	9.8	Flow Control	19.3
	Bay 1 Stick Measure	10'	(Stick is 16')		Bay 2 (Estimate)	8.25'	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top	

Cell 3 in "Hand" (not "Auto") mode  
in error  
Term say is being looked into / in process of repair

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

**Comments**

*Oil on surface of leachate in bay 1 (N bay) -  
coating stone -*

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 7/23/12 1<sup>00</sup> - 2<sup>30</sup>  
Weather Sunny, SW winds, 80's  
Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Odor patrol only -  
No issues noted - No inspection  
done today.

OBSERVATIONS/ CONCERNS/PROGRESS

7<sup>00</sup> - 1<sup>30</sup> Drove through Angelica → Peacock Hill. <sup>Light landfill</sup> Odors noted on Peacock Hill @ cell tower driveway (#6565 Peacock Hill 3/4 to the north). No odors noted on East Main St.

Toured E. Main w/ Terry Lunn

This form given to: Terry Lunn



# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 7/25/12 11<sup>00</sup> -  
Weather Sunny, 70's, Westerly winds (based on entrance flag)  
Inspector John Muan

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

1. Make sure all exposed waste in cell 4 is covered at ~~day end~~
2. Litter in cell 4 temporary basin needs removal, <sup>3'</sup> in ditches along roadway between cell + basin
3. Core waste in cell 4 outside slope.
4. Verify cell 4 slope is not greater than 3:1

## OBSERVATIONS/ CONCERNS/PROGRESS

Arrive @ 11<sup>00</sup> in Angeles. Drive through Angeles <sup>3</sup> CR 16 to CR 2 - to peacock Hill. No odors noted.

Landfill: North slope - 12" gas header being installed from about midway along top of slope, and along slope face to <sup>2</sup> midway down slope @ NW corner.

N slope & West slope are litter free. No leachate breakouts seen.

Winds @ landfill to the south - Road dust control needed - dust blowing up from active area roads towards south.

Stormwater basin 2 looks good. Some litter / construction debris in roadway @ Cell 4 riser needs to be picked up.

Grading done on east slope - 2 spots w/ stains show evidence of a leachate breakout in graded area. Slope will need vegetative cover when weather permits. Grading looks good. Slope is

This form given to: Terry Luan

Free of litter

Access roadway to active area has some litter - Some litter in Cell 4 temp. stormwater basin. Litter fence <sup>3</sup> removed since last visit.

OVER

On the active area, there are a number of exposed edges that will need cover by day's end. Edges of waste along western slope need tarp pulled over the exposed waste. Slope on south side of cell 4 appears greater than 3:1. No dust control deployed in last 2 hours.

Excavating done @ toe of cell 3, SW corner within cell 4. Soils used for daily cover.

Exposed waste on outside slope @ far SW corner of cell 4 - needs cover.

Hyland Landfill Leachate Monitoring Report

Date: 7/25/12  
~ 12<sup>00</sup> PM

Inspector: John Munn

<b>Cell 1&amp;2 Riser Building:</b> Levels	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	
	9.5	14.6	6.9	0.2	12.4	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	8.5	7.4	13.1				
Warning Lights (check if lit) <i>None lit</i>	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

<b>Cell 3 Riser Building</b> Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	1.4	Bubbler	12.7				✓		✓
	Pro-Control	1.5	Pro-Control	13.2		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	22.7	16.9			✓		✓			
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

<b>Leachate Basins</b>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	10.3	Bubbler	3.8	Bubbler	9.8	Bubbler	5.7
	Flow Control	10.6	Flow Control	3.8	Flow Control	9.6	Flow Control	19.1
Bay 1 Stick Measure	10'	(Stick is 16')		Bay 2 (Estimate)	10'3"	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top		

oil sheen on Bay 1, Bay 2  
stone is oil contaminated.  
Controller needs repair

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

**Comments**

**John Munn - Fw: #3303 Tonnage Discrepancy**

---

**From:** Cindy Pepin <Cindy.Pepin@CASELLA.COM>  
**To:** "John Munn" <jrmunn@gw.dec.state.ny.us>  
**Date:** 7/26/2012 4:41 PM  
**Subject:** Fw: #3303 Tonnage Discrepancy  
**CC:** "Mark Hans" <mjhans@gw.dec.state.ny.us>, Joe Boyles <Joe.Boyles@CASELLA....>  
**Attachments:** pic22798.gif; Pepin\_Cindy.vcf; 3303.xls

---

Good afternoon-

I've been notified that this came in a bit over the approved tonnage. Attached tonnage report for your files.

Hope all is well.

Thank you,  
Cindy Pepin  
Special Waste Review / Approvals Processing  
Casella Waste Management, Inc.  
91 North State Street, Suite 202  
Concord, NH 03301

800 PH#: 800-883-8877  
Phone: 603-223-2376  
Fax: 603-223-0985  
email: cindy.pepin@casella.com

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*(See attached file: Pepin\_Cindy.vcf)*

----- Forwarded by Cindy Pepin/CASELLA WASTE SYSTEMS INC/US on 07/26/2012 04:01 PM -----

From: Michelle M McCloskey/CASELLA WASTE SYSTEMS INC/US  
To: Cindy Pepin/CASELLA WASTE SYSTEMS INC/US@CASELLA WASTE SYSTEMS INC  
Date: 07/25/2012 07:50 AM  
Subject: Re: #3303 Tonnage increase

---

(See attached file: 3303.xls) Good morning,I had spoke with Lippincott's and they have completed the R/B development job.

\* Cindy Pepin---07/20/2012 04:07:27 PM---Hi Michelle- When this project is complete - would you please send me a tonnage report, so I can fol

**Cindy  
Pepin/CASELLA  
WASTE  
SYSTEMS  
INC/US**

ToMichelle M McCloskey/CASELLA WASTE SYSTEMS  
INC/US@CASELLA WASTE SYSTEMS INC  
cc  
Subject#3303 Tonnage increase

07/20/2012 04:07  
PM

Hi Michelle-

When this project is complete - would you please send me a tonnage report, so I can follow up with DEC re: discrepancy?

Cindy Pepin  
Special Waste Review / Approvals Processing  
Casella Waste Management, Inc.  
91 North State Street, Suite 202  
Concord, NH 03301

800 PH#: 800-883-8877  
Phone: 603-223-2376  
Fax: 603-223-0985  
email: cindy.pepin@casella.com

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[attachment "Pepin\_Cindy.vcf" deleted by Michelle M McCloskey/CASELLA WASTE SYSTEMS INC/US]

**Hyland Facility Associates**  
**Customer Waste Detail Report**  
Transactions from 06/18/2012 through 07/25/2012  
Third Party and Intercompany Customers  
Recycle and Disposal Waste  
Inbound and Outbound Tickets

<u>Customer</u>	<u>Waste</u>	<u>Ticket</u>	<u>Date</u>	<u>Origin ID</u>	<u>Rate</u>	<u>Tons</u>	<u>Yards</u>	<u>Units</u>	<u>Amount</u>
<b>5800296 ( R/B DEVELOPMENT OF HORNELL )</b>									
<b>3303 ( FRIABLE ASBESTOS 3303 )</b>									
		178516	07/18/2012	STE	\$0.00	13.0500		0.00	0.00
		178523	07/18/2012	STE	\$0.00	15.1700		0.00	0.00
		178546	07/19/2012	STE	\$0.00	18.1800		0.00	0.00
		178555	07/19/2012	STE	\$0.00	18.3300		0.00	0.00
		178564	07/19/2012	STE	\$0.00	11.9000		0.00	0.00
		178569	07/19/2012	STE	\$0.00	14.8400		0.00	0.00
		178580	07/19/2012	STE	\$0.00	16.4400		0.00	0.00
		178582	07/19/2012	STE	\$0.00	16.2500		0.00	0.00
		178638	07/20/2012	STE	\$0.00	18.9200		0.00	0.00
		178688	07/23/2012	STE	\$0.00	19.9800		0.00	0.00
		178706	07/23/2012	STE	\$0.00	25.8700		0.00	0.00
		178767	07/24/2012	STE	\$0.00	16.4900		0.00	0.00
<b>Totals for 3303 ( FRIABLE ASBESTOS 3303 )</b>					<b>\$0.00</b>	<b>205.4200</b>	<b>0.00</b>	<b>0.00</b>	<b>\$0.00</b>
12 Line Items and 12 Tickets									
<b>Totals for 5800296 ( R/B DEVELOPMENT OF HORNELL )</b>					<b>\$0.00</b>	<b>205.4200</b>	<b>0.00</b>	<b>0.00</b>	<b>\$0.00</b>
12 Line Items and 12 Tickets									
<b><u>Report Grand Totals</u></b>					<b>\$0.00</b>	<b>205.4200</b>	<b>0.00</b>	<b>0.00</b>	<b>\$0.00</b>
12 Line Items and 12 Tickets									

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 7/27/12 12<sup>15</sup>  
Weather Overcast w/ heavy cloud cover, some sun North winds  
Inspector John Mann

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

1. South slope needs work
  - ⓐ label wells, ⓑ address gas venting - hook up wells, dewater if flooded. ⓒ drain leachate to fence drains
- ② Cover over excavated exposed waste

## OBSERVATIONS/ CONCERNS/PROGRESS

11<sup>30</sup> - 12<sup>15</sup> - No odors in Angelica. CR 16 → Mechanics St., South St., CR 16 to R+2, Peacock Hill to Lilly.

North + west slopes look good.

Sed basins look good - forebays catching sediment.

- South slope cell 2 - LDW-1<sup>(?)</sup> is venting gas to atmosphere. (audible ? odors) (→ western most well w/o hook up)
- Gas wells need legible labels.
- Landfill gas venting in puddles @ 5'-10' south of LDW7<sup>(?)</sup> (well connected to line coming down the slope). (1<sup>st</sup> well east of stamp <sup>LDW 6?</sup>)
- Leachate breakouts under hay in south slope corner (cell 2), puddling at toe of slope - needs to be drained

This form given to: \_\_\_\_\_

- Gas venting @ uncored waste ~200' east of eastern most south slope gas well (not connected) - @ large concrete slab exposed on side slope, about 10' below road to cell 2
- Leachate puddled in tracks on cell 2 roadway (lower loop)



Cell 2 - top of south slope just above roadway -  
an open trench needs to be covered - been open  
with no work for a couple of weeks - waste  
exposed - leachate is pooled in the trench  
(about 8' wide, 100' long) (Open for asbestos?)

Patches of waste from excavation not covered/buried  
and left exposed on the surface - cell 2 - by wells

Cell 4 south slope - some waste ~~is~~ needs pickup  
or cover. Placement & compaction on cell 4 are  
good. Garbage odors south of cell 4.

Hyland Landfill Leachate Monitoring Report

Date: 7/27/12 12<sup>30</sup>

Inspector: John Munro

Cell 1&2 Riser Building: Levels	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	
	12.1	13.9	8.0	0.2	13.1	15.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	25.4	6.9	12.9	<del>Cell 1 C/D Sec</del>			
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
		✓					

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	1.3	Bubbler	15.1				✓		✓
	Pro-Control	1.4	Pro-Control	15.6		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	51.8	20.2			✓		✓			
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace
					✓				✓	

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	9.9	Bubbler	3.7	Bubbler	9.5	Bubbler	6.0
	Flow Control	10.2	Flow Control	3.7	Flow Control	9.3	Flow Control	19.7
Bay 1 Stick Measure	9'6"	(Stick is 16')		Bay 2 (Estimate)	9'	8.5' = 9" below trough 9.25' = trough bottom 10.5' = 1/2 way up/bottom of U @ top		

Cell 4 Sump high level ~~alarm~~ alarm light is flashing and

its LED display is not readable is

Lights lit: Bay 2 secondary Pump Fault.

**Comments**

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 7/31/12 10<sup>30</sup> - 11<sup>30</sup>  
Weather Overcast / ~ Sunny, 80°, South / South west winds  
Inspector John Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Offsite Odor inspection

OBSERVATIONS/ CONCERNS/PROGRESS

10<sup>30</sup> - Travel through Angeles from west to Peacock Hill  
1/2 to Herdman Rd. No offsite odors noted

11<sup>05</sup> - 11<sup>30</sup> Travel Peacock Hill to Lilly Rd 1/2 Return  
to East Main to CR 2 & Return. Stop @ Pamela  
Cockell's home - No offsite odors noted.

Terry showed me progress on South slope - French  
drains extended w/ fire chip drainage 1/2 cover  
to address issues noted last Friday.

This form given to: \_\_\_\_\_

Progress made to provide more drainage /  
added clay cover over wet areas.

MH/KH/File  
MSH (circled)

## Monitoring Report

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

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: July 8, 2012

Reporting Period: June, 2012

Facility Monitor: John Munn (JM) *leg for*

~~release~~ 02S17  
~~non-release~~

### Summary

Compliance monitoring visits were made June 6, 11, 15, 19 and 22. A monthly inspection was done June 26.

#### General Operations:

**Waste Placement:** Most waste placement was within cell 4, although some additional waste was placed in cell 3 to bring a former roadway to grade. Improvement was noted in that waste placement was more compact within cell 4.

**Daily Cover:** Daily cover is adequate, however protruding or uncovered waste was noted on the outside slope.

**Asbestos Waste:** An asbestos disposal was witnessed on June 11. Disposal was compliant with Part 360-2.17(p).

**Intermediate Cover:** Work continued with hay and seeding slopes to minimize erosion and establish a vegetative cover; its success will be weather dependent. Bare soil was covered on the north and west slopes. The south slope was about 75% covered and by month end grass appeared to be emerging in some areas.

**Road maintenance/Dust and Mud Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter. Water spray dust control was deployed to minimize dust on landfill service roads, although dusty road conditions owing to the hot, dry weather were noted throughout the month. Peacock Hill was free of litter.

**Litter:** Litter was not a significant concern on all but one visit. Severe litter due to strong winds was noted on June 26 and workers were scheduled to address the problem.

Fortunately, most windblown litter blown was caught by litter control fencing and hay bales surrounding the storm water retention basin and did not contaminate surface water.

**Storm Water Management:** No problems were noted. Seed and hay were placed around Detention Basin 2 to reduce erosion and encourage grass cover. Storm water ditches were free of litter.

**Leachate Seeps:** Leachate is still emerging from the south slope. Throughout the month, channels drained the south slope, slowly collecting leachate that consisted of a two-phase separated liquid of thick oil floating over an aqueous phase. This leachate was drained into cell 4's leachate collection system via the open trenches and buried pipes. The monitor requested that the trenches be dug deeper into the waste and be lengthened to drain additional area impacted by breakouts further to the west, and effect greater drainage depth. Equipment problems prevented completion of the work by month end.

**Leachate Management:**

As in May, various issues were noted with the leachate monitoring and control systems.

- June 6
  - Cell 2 G/H Secondary level read 44.4" and the high level warning light was lit.
  - Cell 3 Secondary pump was out of service due to a wiring fault.
  - Leachate Bay 2 Secondary ProControl LED was not operational.
- June 11
  - Cell 1 Primary indicator reported an invalid reading.
  - Cell 2 G/H Secondary level read 64.1" and the high level warning light was lit.
  - Cell 3 Primary pump was pulled out of service.
  - Leachate Bay 2 Secondary had inconsistent readings with the bubbler system reporting 4.0" and the ProControl reporting 17.1". These readings should be nearly identical. The indicator lights for high level, low level, Bay 2 Secondary and Pump Fault were lit.
- June 15
  - Cell 2 G/H Secondary: pump was pulled and out of service for replacement.
  - Cell 3 Primary: pump was pulled and out of service for repair.
  - Leachate Bay 2 Secondary had inconsistent readings with the bubbler system reporting 4.1" and the ProControl reporting a non-numeric value. These readings should be nearly identical. No indicator lights were lit.
- June 19
  - Cell 2 G/H Secondary: pump was pulled and out of service for replacement.
  - Leachate Bay 2 Secondary had inconsistent readings with the bubbler system reporting 4.2" and the ProControl reporting 17.3". These readings should be nearly identical. The high level indicator light was lit.

- June 22
  - Leachate Bay 2 Secondary had inconsistent readings with the bubbler system reporting 4.4” and the ProControl reporting a non-numeric value.
  - While it’s not unusual for the Leachate Bay 1 stick to measure about a foot less head than the bubbler system, the stick measurement differed by two feet from the bubbler/ProControl systems, suggesting the bubbler system may have a large positive and variable measurement bias.
  
- June 26
  - Cell 2 G/H Secondary: pump was pulled and out of service for replacement.
  - Leachate Bay 2 Secondary had inconsistent readings with the bubbler system reporting 4.4” and the ProControl reporting a non-numeric value.

Despite the dry conditions during the month, the overall storage volumes in both leachate basins increased during the month. Although minimum freeboard was met, between June 6 and June 26, the leachate levels in both basins rose about two feet and KH wrote that leachate needed to be hauled out on his June 22 inspection.

#### **Environmental Issues:**

**Odors:** No odor complaints were received during June. On each visit, local Angelica roads were driven in search of offsite odors. No odors were found in the village. Slight offsite odors were noted on an unpopulated section of Peacock Hill Rd at the intersection of the Herdman Rd entrance on June 15, and more strongly south of Herdman Rd on June 19 (a day with southwest and westerly winds).

**South Slope Issues:** South slope remedial work is ongoing. Installation of French drains and gas line burial is on-going. Leachate continues to drain via open trenches that channel it into a buried pipe that drains into Cell 4’s leachate collection system. But, the trenches are draining slowly; they need to be extended, deepened and backfilled with porous fill to more effectively drain the perched leachate. It’s noteworthy that the leachate contains a significant floating oil phase, more than a thin film, most likely originating from drill cuttings placed in this area.

Gas well hook-up is making slow progress. Four gas wells were connected to the gas collection system but connection of additional wells was not completed by month end. Trenches dug to place gas lines in the waste were left open all month due to delays caused by equipment problems (backhoe out of service and unavailable gas line welder).

In mid month, it was noted the gas line trench remained open in uncovered waste, wells were venting gas due to ineffectual seals, leachate seeps continued to soak intermediate cover, leachate was pooling in the open French drain trench and gas lines were still unconnected to the gas collection manifold system. Most issues remained at month end and south slope remedial work has taken longer than necessary. Delays are all too common and corrective measures have fallen far behind schedule.

### **Areas of Concern**

- South slope remedial work and application of intermediate cover remains incomplete.
- The leachate handling equipment (pumps, controllers) problems remain. Inconsistencies and reliability issues are noted with almost each inspection, as noted above and leachate pumps were out of service for prolonged periods during the month. Spare replacement pumps need to be kept on hand for all size pumps.
- South slope work diverts resources (people/equipment) from other maintenance tasks.



DAILY INSPECTION REPORT

Facility Ayland Landfill

Date & Time 6/6/12 1:30 pm - 4:15 pm

Weather Sunny, breezy, 70°s - storm clouds building

Inspector Tom Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Waste on outside slope (stripped daily cover?) of cell 4A, NE corner needs to be removed - addressed while I was on site.

Repair cell 3 secondary pump.  $\frac{1}{2}$  Cell 2 g/H secondary system  
Install/finish cell 3 leachate drainage.

OBSERVATIONS/CONCERNS/PROGRESS

Litter is picked - site overall looks very good.

Cell 3 secondary pump is out of service - wiring issue.

Leachate - Bay 2 secondary flow control is not working.

Cell 4 secondary - level > 24" - intentionally not being pumped

so Kerkur can calibrate system.

Cell 2 g/H has faulty indicator warning light. Level @ 44"

Surface/Storm water systems are clean of l. Her - no issues

No offsite odors. Onsite odors not strong @ working area.

Leachate from cell 3 contains a lot of oil. @ upper toe of slope.

Working face is level  $\frac{1}{2}$  covered.

This form given to: Terry Lunn

Hyland Landfill Leachate Monitoring Report

Date: 6/6/12

Inspector: MUNN

<b>Cell 1&amp;2 Riser Building:</b> Levels	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	
	18.3	14.6	6.9	9.2	18.6	44.4	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	8.5	3.1	7.2				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
						<i>Bad connection</i>	
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
			✓				

<b>Cell 3 Riser Building</b> Leachate Levels <i>Primary pump out of svc</i>	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	16.2	Bubbler	20.3						
	Flow Control	16.0	Flow Control	20.6		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit) <i>Kellex to come into calibrate flow meters</i>	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	22.9	25.4			✓					
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace
						✓			✓	

<b>Leachate Basins</b>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	10'8"	Bubbler	3.1	Bubbler	8'5"	Bubbler	4.0
	Flow Control	11.1	Flow Control	3.1	Flow Control	8.4	Flow Control	<i>not operational</i>
Bay 1 Stick Measure	10'	(Stick is 16')		Bay 2 Estimate	9'	@ ~6-9" below trough		

*Trough ~9'*

**Comments**

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 6/11/12 1<sup>25</sup> pm - 3<sup>15</sup> pm  
Weather Strong sun, Overcast, humid, 80°, Strong south winds  
Inspector John Munn

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- ① Work on South slope!
- ② Make sure all waste is covered @ day end.
- ③ Repair leachate pumping/monitor systems.

## OBSERVATIONS/ CONCERNS/PROGRESS

Drive by survey - No odors noted in Angelica (CR20 → CR16 → CR2)

→ Return to Peacock Hill → Landfill)

Onsite - odors noted from passing sludge truck

N slope - hayed on top - no bare soil. Odors noted on N road, esp @ NW corner of landfill to leachate lagoons - dry sewage sludge in particular, mixed w/ odor of garbage

Hay being placed on top of south slope, Cell 3.

(Hay needed on West slope, about mid way N → S, at top)

Hay placed along center berm of western sed pond between pond & forebay  $\frac{1}{2}$  along shoreline. Grass is sprouting from hay placed 2 weeks ago in Sed pond vicinity.

South slope trenching / fence drain - nothing new since last week. Terry says 4 wells ( $\frac{1}{2}$ ) hooked up - remainder to be done this week.

Apparent asbestos (CSD) being pushed - ~~at~~ @ 2<sup>15</sup> pm - 2<sup>20</sup> Not placed in

This form given to: Terry Linn / Joe Boyles trench/hole

↳ Spoke w/ Neal. Waste was placed in trench & sewage sludge used to cover. <sup>OK</sup> Terry tells me pump 3 primary was pulled to see how it was configured to replace pump ~~connected for a gas well installation~~ - Also leachate controller

was swapped out w/ Cell 5 controller - ~~too much tapping pipe to pay Paul for maintenance leads to need problems - Nothing things not being fixed.~~

Asbestos truck

LIC# 41821PA (NY)

Price enterprises (Buffalo NY)

City of Buffalo House tear down

Hyland Landfill Leachate Monitoring Report

Date: 6/11/12

Inspector: Mun

*transducer  
15500*

Cell 1&2 Riser Building Levels <i>All pumps in cell made</i>	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	
	1	13.2	6.8	9.2	19.1	64.1	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	8.6	0.1	0.6				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
			✓				

Cell 3 Riser Building Leachate Levels <i>Pumps pulled</i>	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	0.2	Bubbler	15.8				✓		✓
	Flow Control	0.3	Flow Control	16.3		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12	✓					

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	20.0	27.6			✓					
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace
					✓				✓	

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	<i>IN LOWEST NO RETURN</i>	Bubbler	8.73.1	Bubbler	9.2	Bubbler	9.2 94.0
	Flow Control		Flow Control	3.1	Flow Control	9.2	Flow Control	17.1
	Bay 1 Stick Measure	9 1/2	(Stick is 16')		Bay 2 Estimate	9 3/4	bottom of trough	

*FACEPLATE ON CONTROLS IS MISSING discrepancy between flow control & bubbler*

*High level, Low level Bay 2 Secondary, Pump Fault } lights on @ leachate basin*

**Comments**

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 6/15/12 9<sup>50</sup> 10<sup>45</sup>  
Weather Sunny, West winds, South winds, 70's.  
Inspector John Mann

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Finish up w/ pump repairs.

Dust control needed

Uncontained leachate on south slope bleeding into intermediate cover.

## OBSERVATIONS/ CONCERNS/PROGRESS

No odors on angelina (9<sup>40</sup> - 9<sup>50</sup>). Odors on peacock hill & Hedman (at intersection) & @ gate house. Odors likely from truck. Garbage odor @ River Bldg 1/2.

North + west slopes look good - Hayed, no litter, no leachate breakout. River bldg 1 - pump pulled (Cell 2 G/H secondary)

They placed along upper half of cell 2 south slope, east of SW corner roadway

Bay 2 secondary flow control LED ~~from battery~~ has false reading

Gas lines @ cell 3/2 south slope will be shortened & buried. Currently in open trench. cut into waste.

Backhoe is repaired but ~~not yet~~ <sup>and</sup> in service - for South slope work

Dusty conditions -

This form given to: Terry Lauer

Fill placement along south edge of cell 4, ~~toward~~ SE corner

Ponded water on top of cell 4 waste - NE corner @ toe of cell 3 slope

Leachate pooled in S slope gas line ditch - breached berm and soaked into intermediate cover. N of gas well # LDW-5



Hyland Landfill Leachate Monitoring Report

Date: 6/15/12

Inspector: MUN

<b>Cell 1&amp;2 Riser Building:</b>	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	<i>Pump Pulled</i>
	16.8	15.6	8.0	0.2	19.9	-12.1	
Levels	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
<i>Cell 2 G/H pump switch not in auto. all other's in auto.</i>	8.6	23.8	13.0				
Warning Lights (check if lit)	Cell-1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓			

Cell 1&2 Riser Building:	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
Warning Lights (check if lit)	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

<b>Cell 3 Riser Building</b>	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	0.3	Bubbler	18.6				✓		✓
	Flow Control	0.5	Flow Control	19.1		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12		✓				

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit	
	Cell 4	14.6	13.5								
	Cell 5				None lit	Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Notes: Cell 3 - Both pumps "off" - out of service - secondary & primary share same junction box - power shut to both for safety reasons.  
Cell 2 Pump being replaced.

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler		Bubbler		Bubbler		Bubbler	
No lights lit		10.6		3.2		10.3		4.1
	Flow Control	10.9	Flow Control	3.1	Flow Control	10.3	Flow Control	17.3
	Bay 1 Stick Measure	9'	(Stick is 16')		Bay 2 Estimate			

← display not working

**Comments**

~~Bay 1 Primary pump is "off"~~

Bay 2 Secondary display @ flow control box not working - reading is "17.3" and bubbler shows 4.1

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 6/19/12 3<sup>30</sup>-5<sup>15</sup>  
Weather Sunny, 80's, SW winds → westerly winds  
Inspector John Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

1. South slope ~~no~~ progress made yet this week/since last Friday. Leachate drainage & gas line burial needed
2. Bay 2 secondary readings are inconsistent
3. Cell 2 9/14 pump out of service

OBSERVATIONS/ CONCERNS/PROGRESS

Light Odors noted on Peacock Hill from 6647 Peacock Hill to Herdman Rd. - Smells like sewage sludge.

Otherwise - No odors noted in Angelica (3<sup>15</sup>-3<sup>30</sup> pm) (CR 20 → CR 16 → CR 2 + return)

Landfill - North & West slopes look good - no litter. No evidence of leachate.

Dust control employed.

South slope - ① gas line trench still open - exposed waste from excavation.

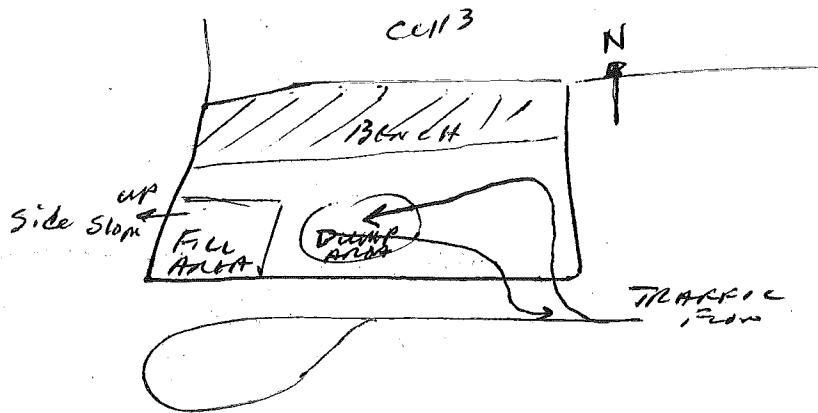
- ② Gas well w/ ball & duct tape cap is leaking gas
- ③ Wet soil/leachate seep ~50-75' west of stump, 20' N of gas well
- ④ Leachate seeps emerging @ slope - west of stump -
- ⑤ Trench @ base needs to be dug deeper & filled w/ tire chips 1/3

This form given to:

back filled, - Pooled/collected leachate in the trench is not draining - stagnant.

- ⑥ Gas wells not hooked up - venting - gas line not pulled straight as was told last ~~Thurs~~ Friday - still laying in open trench w/ work yet to do to bury.

Cell 4 waste progression



East side

Tarp on liner needs weights - blowing.

East side is litter free

South side looks good

All surface water impoundments / retention basins are litter free.

Other than the south slope problems <sup>and Cell 2 GH<sup>1</sup> Basin<sup>2</sup></sup> ~~all looks~~ good. secondary level indicator, all looks good

Hyland Landfill Leachate Monitoring Report

Date: 6/19/12, 4pm

Inspector: MUNN

<b>Cell 1&amp;2 Riser Building:</b>	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	
	9.8	15.8	7.9	0.2	19.4	-11.7	
Levels	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	8.3	16.8	12.8				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

*Cell 2 G/H Sec. Pump "off" out of service*

<b>Cell 3 Riser Building</b>	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit) <i>None Lit</i>	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	13.9	Bubbler	18.6		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	Flow Control	13.7	Flow Control	19.0						
Leachate Levels	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit) <i>None Lit</i>	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	16.4	16.9								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

<b>Leachate Basins</b>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	10.6	Bubbler	3.3	Bubbler	10.5	Bubbler	4.2
	Flow Control	10.9	Flow Control	3.3	Flow Control	10.5	Flow Control	17.3
	Bay 1 Stick Measure	9'6"	(Stick is 16')		Bay 2 Estimate			

*Reading don't agree*

*High level light on @ leachate basins*

**Comments**

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 4/22/12 10<sup>45</sup>-11<sup>05</sup>  
Weather Overcast, 70's  
Inspector John Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

All looks good - dust control needed  
Keep working on south slope.

OBSERVATIONS/ CONCERNS/PROGRESS

Slopes look better free.

Fill placement in SW of cell 4

Work being done on gas well <sup>LDM</sup> #6 to correct leachate

Pump in cell 2 replaced  
cell 3 pump working well

Spare pump + motor for cell secondaries in spare  
South slope hay has some grass emerging.

This form given to:

Terry Leman

<b>Cell 1&amp;2 Riser Building:</b> Levels	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	
	11.5	15.3	7.4	0.2	18.8	10.9	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	8.3	16.5	10.9				
Warning Lights (check if lit) <i>None Lit</i>	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

<b>Cell 3 Riser Building</b> Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit) <i>None Lit</i>	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	11.8	Bubbler	17.0						
	Flow Control	11.6	Flow Control	17.4		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit) <i>None Lit</i>	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	21.3	19.1								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

<b>Leachate Basins</b>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	11.9	Bubbler	3.2	Bubbler	10.5	Bubbler	4.4
	Flow Control	12.2	Flow Control	3.1	Flow Control	10.4	Flow Control	17.4
	Bay 1 Stick Measure	10.0	(Stick is 16')		Bay 2 Estimate	1/2 way up	chute	

*Pro control in error*

*1/2 way up control chute*



**Comments**

Highlands Landfill  
MCH 4/22/12 2:15pm

02517

JM  
MCH

- Need to limit leachate. Basis near capacity
- Numerous breakouts (leachate & gas) on south slope
- Breakout near LDW-11
- need to contain leachate along as collection main running across cell 3.

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 6/26/12 11:30 - 2:45  
Weather Mixed clouds / sun, 70's, Strong N/W winds  
Inspector John Muan

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- ① South Slope issues:  
Leachate breakouts & gas venting need to be addressed.
- ② Need litter pickup: south of fill area  $\frac{1}{2}$  along road by <sup>cell 4</sup> sed pond and along SE corner of cell 4 by culvert / east slope of cell 4
- ③ Repair Cell 2 G/H pump.

OBSERVATIONS/ CONCERNS/PROGRESS

④ Leachate inventory is building in ponds. Dust control employed.  
Dry, dusty conditions. Dust control employed.  
Generally, site is litter free except for South East corner of Cell 3C,  $\frac{1}{2}$  surface pond area.  
Strong odors south of waste area - by sed ponds - due to strong winds. Both sed ponds / basins look good.  
A lot of blown litter south of active waste disposal area packed along the litter control fence  $\frac{1}{2}$  in the hay.

Generally - all looks good. More dust control needed.  
I was unable to find self inspection records / weekly inspections for June 18 -> 23

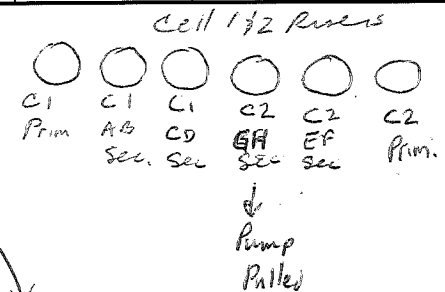
This form given to: Chester

<b>Cell 1&amp;2 Riser Building:</b> Levels <i>Cell 2 GH Sec Pump pulled</i>	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	
	<i>10.9</i>	<i>14.5</i>	<i>7.3</i>	<i>0.2</i>	<i>18.8</i>	<i>10.9</i> <i>OUT OF SVC</i>	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	<i>13.5</i>	<i>17.9</i>	<i>12.8</i>				
Warning Lights (check if lit) <i>NONE LIT</i>	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

<b>Cell 3 Riser Building</b> Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power FAILURE	High Level	Low Level	Loadout Inhibit	Primary Sump	
	Bubbler	<i>11.9</i> <del>13.5</del>	Bubbler	<i>21.6</i> <del>15.7</del>		✓		✓			✓
	Flow Control	<i>1.6</i> <del>13.2</del>	Flow Control	<i>21.9</i> <del>16.7</del>		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure	
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12		✓					

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit	
	Cell 4	<i>20.0</i>	<i>21.7</i>		✓			✓			
	Cell 5				Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace	

<b>Leachate Basins</b>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	<i>11.6</i>	Bubbler	<i>3.5</i>	Bubbler	<i>10.5</i>	Bubbler	<i>4.7</i>
	Flow Control	<i>11.8</i>	Flow Control	<i>3.4</i>	Flow Control	<i>10.4</i>	Flow Control	<i>17.3</i>
	Bay 1 Stick Measure	<i>11'0"</i>	(Stick is 16')		Bay 2 Estimate	<i>10'6"</i>		



*↑ note stick reads 6" Low*

*↳ leachate level up to bottom of U @ top of its incline*  
*Pro Control reading is erroneous*

**Comments**



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 <i>HYLAND LANDFILL</i>		LOCATION <i>ANGELICA NY</i>		FACILITY NUMBER <i>02S17</i>	DATE <i>06/26/12</i>	TIME <i>1415</i>
INSPECTOR'S NAME <i>John Munn</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>CHESTER SHERMAN Foreman</i>			
REGION <i>9</i>	WEATHER CONDITIONS <i>70's Sunny w/ Clouds, Strong NW winds</i>		DEC PERMIT NUMBER <i>9-0232-00003-00002-1</i>			
SHEET <i>1 OF 1</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		PART(S) 360- Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.  
Items marked NI Indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT     ORDER ON CONSENT     EXEMPT     COMPLAINT

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

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

*John Munn*  
Inspector's Signature

Individual in Responsible Charge (Please print)  
*Chester Sherman*  
Signature Date

MH/KH/File  
MH

**Monitoring Report**

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

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: June 14, 2012

Reporting Period: May, 2012

Facility Monitor: John Munn (JM)

FOIL  
02S17

**Summary**

Compliance monitoring visits were made May 1, 10, 17 and 24. A monthly inspection was done May 29.

**General Operations:**

**Waste Placement:** Waste placement in Cell 4 continued with added lifts along the cell's northern drainage slope and progressing south to level the grade. Protruding or uncovered waste was noted on two separate dates. Greater efforts are needed to completely cover and contain waste with daily cover soil or ADC. Select lift was still being placed along the side slopes of Cell 4A.

Odors are noticeably reduced, likely a consequence of using tarps to cover the leading edge of the waste. This practice is an outcome of April discussions over whether to leave the leading edge exposed for select lift inspection or cover exposed waste immediately with daily cover soil. The tarp allows waste and odors to be confined and permits inspection of the select lift. Further, replacing clay cover with tarps reduces silting in the drainage stone and leachate collection system.

The fill progression plan is to place waste along the northern edge of Cell 4, level with the Cell 3 storm water ditch berm, then work along the western slope and gradually fill towards the southeast corner of Cell 4A. The haul road will be relocated to the outside south slope.

**Daily Cover:** Inadequate cover was noted on two occasions. Greater attention needs to be paid to ensure that daily cover is complete and that waste does not protrude.

**Asbestos Waste:** Asbestos disposal was approved in May but no burials were witnessed. Concerns were expressed over the ability to bury the volumes requested, and approval was based on assurances that the waste volumes would be received gradually.

**Intermediate Cover:** Hay and seed were placed on the north slope to encourage vegetative growth over the intermediate cover. Haying the south slope was started.

**Road maintenance/Dust and Mud Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter. Water spray dust control was deployed to minimize dust on landfill service roads.

**Litter:** Litter was continually addressed and was not a significant concern. Litter picking was done in storm water ditches and retention basins as requested.

**Storm Water Management:** There were no problems noted with storm water management. The area around detention basin 2 was graded to repair damage following last fall's leachate spill. Hay and seed was placed in bare soil areas near detention basins 2 and 3 to promote grass growth and minimize erosion and water turbidity. Accumulated litter in ditches and sediment basins and was cleaned up.

**Leachate Seeps:** On May 24, a small uncontained leachate seep was seen on the west slope. The leachate drained back into the soils and did not drain over the surface. The wet seep did not reappear on subsequent inspections.

**Leachate Management:**

Various issues were noted with the leachate monitoring and control systems.

- May 1
  - Cell 1 Groundwater reported 167" of groundwater.
  - Cell 2 E/F Groundwater reported a negative water level.
  - Cell 4 Primary pump was turned off and the sump's leachate level was 55.1" at the time of the inspection. The indicator lights correctly described the problem as a cell 4 primary pump fault. Hyland reset the system switched pump control from "Off" to "Auto". The leachate levels then began to fall.
- May 10
  - Cell 1 Primary pump was out of service (pump control in "off" position) and the controller reported an invalid leachate level reading.
  - Cell 1 Groundwater controller reported an invalid reading.
  - Cell 2 E/F groundwater reported a negative reading.
- May 17
  - Cell 2 E/F Groundwater controller reported a negative reading
  - Cell 3 Primary pump was pulled for maintenance to replace its line wire which had an electrical short.



- May 29
  - Cell 2 G/H Secondary controller indicated the level was 23.6". The High level alarm was set to 20" and yet no warning/indicator lights were lit.
  - Cell 2 Groundwater level was negative.
  - Leachate Basin #1's depth stick showed a 2' difference with the controller, indicating the controller was in need of calibration or other maintenance.
  - Leachate basin #2's pump fault, high level and secondary warning lights were on at a level of 4.8' at the bubbler and no reading on the controller.

The two leachate basins were held at about 8-11 feet during the month. Freeboard was adequate.

**Environmental Issues:**

**Odors:** No odor complaints were received during May. On each visit, the local Angelica roads were driven in search of offsite odors; none odors were found.

Strong on-site sewage sludge odors were noted at Hyland's property boundary over a quarter mile from the active fill area.

**South Slope Issues:** South slope remedial work to capture landfill gas and direct leachate is ongoing. Trenches contain and channel leachate into the landfill waste. Three air driven pumps were installed to remove leachate from gas wells in an effort to keep the wells productive. New gas collection pipes were laid in trenches, yet to be backfilled, to replace temporary lines prone to blockage by condensate and freezing.

- A 6" gas well was broken below the ground level and remained an open vent to the atmosphere throughout the month. Soils surrounding the pipe were excavated and the hole filled with perched leachate and the fractured riser required repair below the leachate level. At month end, repairs had not been made and the pipe continued to vent.
- A pipe was buried underneath Cell 3's south slope storm water ditch to channel leachate beneath the ditch and into Cell 4A's drainage stone.
- Trenches were dug along the tiers of Cell 3A to serve as drains for perched leachate at the base of Cell 2. At month end, tire chip placement was incomplete, trenches were open and excavated waste was piled along the trench.
- A French drain was dug to carry leachate to a 4" pipe previously placed to carry leachate into Cell 3's southwest corner drainage stone.
- More work was planned in for the week of May 29 following planned installation of a gas well in close proximity to the work area. A French drain will be dug along the base of Cell 2 and connect with the French drains previously installed that channel leachate into Cell 4A

### **Areas of Concern**

- South slope remedial work and application of intermediate cover remains incomplete.
- The leachate handling equipment (pumps, controllers) seems unreliable. Inconsistencies and reliability issues are noted with almost each inspection, as noted above.

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 5/1/12 1137 - 2<sup>15</sup> pm  
Weather Overcast, wet from early AM rain; 60's  
Inspector John Mann

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- Litter in storm water ditches / seed ponds needs removed.
- Continue with work on south slope w/ gas wells, intermediate cover & grading.

## OBSERVATIONS/ CONCERNS/PROGRESS

- Herdman road has tracked dirt/mud & sand from washed out ~~into~~ drainage ditches. PM suggested to prevent further erosion & road damage.
- Hay spread on N. slope to encourage grass / minimize erosion.
- Drove from CR20 to Angelica (from Allegheny Co. Landfill),  $\frac{1}{2}$  side roads through Angelica to Peacock Hill to East Main St. to CR2 and back - no odors noted. Drove up Peacock Hill to approx  $\frac{1}{4}$  mile past cell tower & back to landfill - no odors - (11<sup>20</sup> - 11<sup>35</sup> AM)
- Litter situation looks good overall. Though there are areas in need of attention they are not extensive or extreme.
- Progress seen w/ gas control on south slope. 3 New pumps on hand to collect leachate from gas wells. Severe mud conditions on south slope impede progress.
- More fill will be placed in cell 3B south slope to get positive drainage.
- Picking being done on select 1.5ft of cell 4A

This form given to: Terry Lunn

- Gas wells on south slope to be connected & backfilled tomorrow.  
(D.V.L.)

- Cell 4 Primary pump was "off" and lights lit. System was placed in Auto and reset. Levels started to drop. Primary level exceeded 24". No high/low level limits passed.

Muddy conditions restricted most of inspection to windshield survey.

- Basin 2 had dirt work/dozing done to regrade ruts after last fall's spill. Some hay placed. Needs seeding.
- Compaction/waste placement was ok. Some areas need better cover. (North east corner).
- An additional lift will be built on top of North lift to tie into cell 3 and top of storm water berm. The new lift will not taper to edge of current lift to retain slope stability.

Hyland Landfill Leachate Monitoring Report

Date: 5/21/12 <sup>4:00</sup> <sub>pm</sub>

Inspector: John Muir

<b>Cell 1&amp;2 Riser Building:</b> Levels	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	
	12.7	13.6	9.0	9.2	16.7	17.3	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	16.7	* -0.6	6.1				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
				✓			

<b>Cell 3 Riser Building</b> Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	9.3	Bubbler	11.2						
	Flow Control	9.2	Flow Control	11.8		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit	
	Cell 4	55.1	19.6			✓					
	Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace
						✓				✓	

<b>Leachate Basins</b>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	10 <sup>9</sup>	Bubbler	9 <sup>28</sup>	Bubbler	28 <sup>92</sup>	Bubbler	4.5
	Flow Control	11 <sup>2</sup>	Flow Control	2 <sup>5</sup>	Flow Control	9 <sup>2</sup>	Flow Control	4 <sup>3</sup>
	Bay 1 Stick Measure	~10 <sup>6</sup>	(Stick is 16')		Bay 2 Estimate			

Note Cell 4 - system reset and lights stayed off. When opened, C4 prim + sec pumps set to off (from Auto/HA). After reset, primary level started dropping.

No lights on in

**Comments**

DAILY INSPECTION REPORT

Facility Hyland Landfill  
 Date & Time 5/10/12 12:25  
 Weather Overcast, SO's passing rain showers  
 Inspector John Munn (w/ Mary McIntosh) - w/ debris winds  
17 Angeles  
 ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Nothing requires immediate attention.

OBSERVATIONS/ CONCERNS/PROGRESS

County Rd 20 to Rail Rd Ave to Peacock Hill → CR 16 → CR 2 +  
 Return to Peacock Hill to landfill - No offsite odors, no  
 odors noted on Herdman Rd. Winds due west at landfill flag  
 North slope looks very good (litter wise) Hay on bare spots on  
 top (about 50% trayed) - eastern side + lower sides need  
 hay/seed. Eastern slope looks good (litter wise) - North  
 + East need veg. cover (seed?),

No leachate seeps seen from roadways - will take  
 closer inspection at a later date to confirm.

A lot of mud along south roadway (south of cell 4) -  
 runoff concern?

South slope has leachate management to address through  
 drainage (French drains) & regrading to manage

This form given to: Left w/ Terry Lunn

Surface water.

Hyland Landfill Leachate Monitoring Report

Date: 5/10/12

Inspector: MUNA

<b>Cell 1&amp;2 Riser Building:</b> Levels	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	
	<i>READING INVALID</i>	15.4	7.3	9.2	16.9	19.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	<i>READING INVALID</i>	1.8 (?)	6.3				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
		✓		✓			

*Cell 1 Primary Pump in "OFF", All others are "AUTO"*

<b>Cell 3 Riser Building</b> Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	8.6	Bubbler	9.8		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	Flow Control	8.5	Flow Control	10.4						
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)  <i>None LIT</i>	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	13.6	23.0								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

<b>Leachate Basins</b>	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	9'6"	Bubbler	9'1"	Bubbler	3.0	Bubbler	4.5
	Flow Control	9'9"	Flow Control	9.1	Flow Control	2.8	Flow Control	4.3
	Bay 1 Stick Measure	9'6"	(Stick is 16')		Bay 2 Estimate	8'6"		

*No lights LIT*



**Comments**

DAILY INSPECTION REPORT

Facility Hyland landfill  
Date & Time 5/17/12 12<sup>45</sup> - 4<sup>15</sup>  
Weather Sunny, blue sky, 70's.  
Inspector John Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Continue work to drain leachate from South Slope; while conditions are dry -

All else looks good. - Pump on Cell 3 primary needs to be repaired/reinstalled.  
(Will be done 5/18/12 in AM)

~~Taken care of~~ white on site.  
~~Scheduled~~

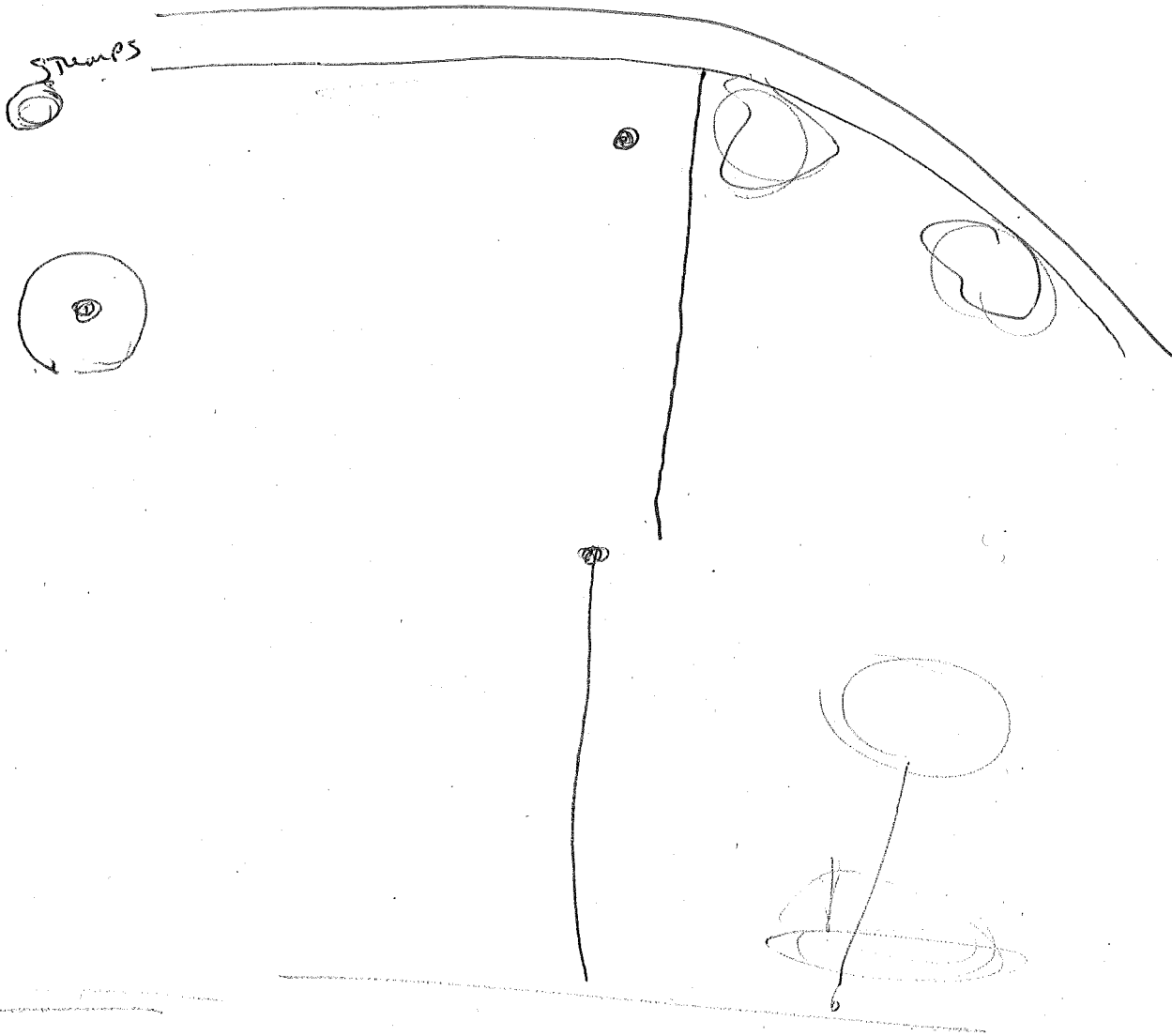
OBSERVATIONS/ CONCERNS/PROGRESS

Arrive Angelica @ 12<sup>45</sup>. West Main St → Faulkner Ave → Peacock Hill → CR16 → CR2 (→ Return →) CR16 → Peacock Hill. Easterly winds in Angelica Hills → Lilly Rd → Return on Peacock Hill → Herdman - 12<sup>45</sup> - 1<sup>00</sup> no off-site odors

Cell 3 primary pump pulled for wire replacement.

5' trench keyed into cell 4A from south slope. 5' trench keys into 20' trench from corner of south slope by cell 2/3. 20' and 5' trenches are ~~the~~ filled with tire chips to promote drainage. New french drains to be constructed to tie into existing drainage to remove/eliminate ponding @ toe of cell 2 slope. Drains to be installed by Memorial Day. Open trench along base of slope to be filled in this weekend. - Pools of leachate need to be eliminated, litter situation is very good. No issues.

This form given to: Terry Lunn



Hyland Landfill Leachate Monitoring Report

Date: 5/17/12

Inspector: John Munn

Cell 1&2 Riser Building: Levels	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	
	11.3	14.5	8.5	9.2	17.7	0.5	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H	Negative value for E/F GWater			
	10.2	-0.6	13.1				
Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump	
	Bubbler	No Reading	Bubbler	7.7		Low			✓		✓
	Flow Control		Flow Control	8.4			Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12							

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit	
Cell 4	23.7	14.6			None						
Cell 5					1.1	Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace
	high/low set points										

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	7.9	Bubbler	3.1	Bubbler	8.8	Bubbler	5.0
	Flow Control	8.1	Flow Control	2.9	Flow Control	8.8	Flow Control	4.8
	Bay 1 Stick Measure	8' 9"	(Stick is 16')		Bay 2 Estimate	9' 2"		

No lights lit in Leachate Basins

**Comments**

## HYLAND LANDFILL CELL 4B PRE-CONSTRUCTION MEETING SUMMARY

**Date:** May 24, 2012

**Time:** 10:00 AM

**Location:** Hyland Facility

**Attendees:**

- **Hyland Facility** - Joe Boyles and Terry Lunn
- **McMahon & Mann Consulting Engineers, P.C. (MMCE)** - Shawn Logan and Andy Klettke
- **New Dominion Construction, Inc. (New Dominion)** - Dean Gustafson, Nick Pascuzzi, Jr., Nick Pascuzzi III, Andy Mascho, Jake Mascho, and Shawn Grimm
- **New York State Department of Environmental Conservation (NYSDEC)** - Kevin Hintz and John Munn
- **Terrafix Environmental Inc. (Terrafix)** - Greig Graham

### **Meeting Minutes**

N. Pascuzzi, Jr. had not yet finalized a construction schedule. He will complete one and distribute it following the holiday weekend.

N. Pascuzzi, Jr. distributed draft copies of New Dominion's work plan for erosion and sediment control. Modifications to the plan can be made as construction progresses.

### *Construction Activities*

- **New Dominion** has begun mobilizing equipment to the site. Equipment will be delivered over the next few weeks. N. Pascuzzi III does not anticipate work beginning until the week of June 4.
- **New Dominion** plans on using scrapers for the excavation work. When necessary, excavators will be used with haul trucks. Haul trucks will be split between this project and Hakes.
- **New Dominion** will perform clearing and grubbing to prepare the southeast stockpile. Cleared material can be placed at the north end of the stockpile.
- T. Lunn is constructing an alternative route for waste trucks that wraps around the south and east sides of the leachate tanks. Once this road is established, New Dominion will coordinate with Hyland for construction traffic flow.
- **New Dominion** estimated approximately one month of work for excavation to subgrade contours.

- N Pascuzzi III inquired if the landfill was ready for the 10,000 cubic yard quantity of material to be hauled to the active landfill. T. Lunn noted that they were and would show New Dominion the areas. Quantities hauled to the active landfill will be estimated by truck count.
- A Klettke noted that during subgrade excavation portion of construction, MMCE would be on-site part time. However, frequent communication will be kept with A. Mascho on days when MMCE is not on-site.

#### *Geosynthetics*

- S. Logan inquired what geosynthetic products Terrafix intends on using this year. G. Graham responded that the materials will be the same as last year, Agru will manufacture the geomembrane and GSE will manufacture all other geosynthetic projects.
- G. Graham anticipated delivery of geosynthetics within the next couple of weeks. New Dominion will be responsible for unloading the geosynthetics materials and covering them. New Dominion can use discarded portions of the scrim material from Cell 4A.
- G. Graham inquired if submittals were needed for geosynthetics. S. Logan responded that cut sheets, manufacturer's testing data, and pre-built drawings for geomembrane would need to be submitted.
- A Klettke inquired if Terrafix had any questions on the project QA/QC Plan or Technical Specifications. G. Graham replied that he did not.

#### *General Discussion*

- A Klettke inquired about earthwork submittals. S. Grimm responded that he would begin delivering submittals during the upcoming week.
- Survey control for the subgrade, secondary clay, structural fill, and drainage stone layers is completed and provided to Roy Bonham (B & R Surveying). A. Klettke will also provide an electronic copy to New Dominion.
- The moisture density testing will be subcontracted out to 3<sup>rd</sup> Rock of East Aurora, New York. A. Klettke will work with A. Mascho to schedule 3<sup>rd</sup> Rock for subgrade, secondary clay, and structural fill testing. 3<sup>rd</sup> Rock will also be used for testing Shelby Tube samples for permeability.
- Two stormwater culverts cross beneath haul road to stormwater channels leading to the temporary detention basin. The deeper of the culverts is a significant cut which will require installation over a weekend.
- S. Logan commented on the Cell 4B east end detail. Each layer should be sloped back at 3H:1V and the hole created should be filled with berm cap material.

- A Klettke advised New Dominion to take a cautious approach to cleaning off the tie-ins. The Cell 3 tie-in should be covered with plywood, while the Cell 4A tie-in is covered with a sacrificial geotextile. S. Logan noted that the Cell 3 tie-in detail may be revised based on a meeting scheduled with NYSDEC. If modifications are made, New Dominion will be provided with a revised detail.
- J. Boyles noted any fuel tanks must be dual contained and would need to be put on the site's registration. N. Pascuzzi III noted they would likely use the same fuel tank used during Cell 3 construction.
- New Dominion will submit qualifications for pipe welders.
- A Klettke inquired about a health and safety plan for New Dominion. N. Pascuzzi III responded that there is an up to date plan in place and he can provide a copy if necessary. A. Mascho added that he typically leads "Toolbox Topics" safety meeting on Monday mornings.
- J. Boyles requested that once equipment is delivered to the site, New Dominion maintain the leachate collection stone stockpile as described in the contract documents.
- Construction meetings will be held regularly for the duration of the project. Once things are in full swing, they will be held weekly. Thursday afternoons were discussed as a likely time, opposite morning meetings at the Hakes landfill.
- N. Pascuzzi Jr. noted that for the gas header portion of the project, the dual contained manholes would be prefabricated.
- N. Pascuzzi Jr. noted that two separate schedules would be made, one for the cell construction and the other for the gas header work.

The meeting adjourned at 11:00 AM and was followed by a field visit. The objective of the field visit was to consider the project staging and erosion and sediment control locations.



DAILY INSPECTION REPORT

Facility Hylan Landfill  
Date & Time 5/24/12 9<sup>30</sup> - 3<sup>15</sup>  
Weather Overcast / partly sunny, 70's, South winds  
Inspector John Mun

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Dry up south slope

OBSERVATIONS/ CONCERNS/PROGRESS

9<sup>30</sup> - 9<sup>45</sup> Arrive in Angelica - West Main St → Peacock Hill - No offsite odors.

11<sup>00</sup> - Sewage sludge (2 trailers) dumped on cell 4A. At 1:05pm smell from sludge & garbage strong @ NW corner of cell 1

North slope - <sup>No</sup> leachate seepage on slope, letter picked up.

West slope - leachate soaking clay in problem area under hay cover. 50' N of HTW-14 (minor seep)

Cell 4 sidensers - bolts off on 2 of 3? Designed to have 20 bolts! Why missing? What's necessary?

South slope - lower trench dug / pipe underneath stormwater to cell 4A drainage stone. Tire chaps placed in ~ 1/2 length. Waste / spoils from trench placed in cell 4A.

Upper trench - french drain placed onto slope - more needed to tie in - will be done week of 5/29 after new well is dug in corner. Area has some trench now to help drain

This form given to:

Surface leachate. Terry Lunn

Basin 3/2 - hay placed in base area & seeded in past week

Cell 3C south slope - top to 1<sup>st</sup> plateau - hayed / seeded

Jo

**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 <i>HYLAND LANDFILL</i>		LOCATION <i>ANGELICA, NY</i>	FACILITY NUMBER <i>02S1170</i>	DATE <i>05/29/12</i>	TIME <i>1:43:00</i>
INSPECTOR'S NAME <i>JOHN MURN</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Luna Operations Supervisor</i>		
REGION <i>9</i>	WEATHER CONDITIONS <i>Sunny, 80's → Thunderstorm</i>		DEC PERMIT NUMBER <i>9-1-0232-000031100002-1</i>		
SHEET <i>1 OF 1</i>	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PART(S) 360- _____ Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.  
Items marked NI indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT     ORDER ON CONSENT     EXEMPT     COMPLAINT

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

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

*Terry Luna*  
Individual in Responsible Charge (Please print)

*Terry Luna*  
Signature

*5/29/12*  
Date

*John Murn*  
Inspector's Signature



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**SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT**  
**Continuation Sheet**

FACILITY NAME <i>Hyland Landfill</i>		LOCATION <i>ANGELICA NY</i>		FACILITY NUMBER <i>025170529121430</i>	DATE	TIME
INSPECTOR'S NAME <i>John Munn</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>TERRY LUNN JR. SUPV.</i>			
REGION <i>9</i>	WEATHER CONDITIONS <i>SUNNY 80's → THUNDERSTORM</i>		DEC PERMIT NUMBER <i>9-0232-00003100002-</i>			
SHEET <i>1 OF 1</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		PART(S) 360-  Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts.

Additional 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).

16. PROTRUDING WASTE IN DAILY COVER, ESPECIALLY NOTED ON EAST SIDE SLOPE OF CELL 4A.

18. LEACHATE CONTROL SYSTEM NEEDS AN ASSESSMENT. MAY NOT BE FUNCTIONING PROPERLY -

(a) CELL 192 RISER BODY: CELL 2 G/H Secondary level was 23.6". High level alarm is set @ 20" YET NO WARNING/indicator lights are lit.

(b) Cell 2 groundwater reads "-3.0". NEEDS CALIBRATION?

(c) Leachate basin #1 - stick level shows about 7'8" but bubbler reads 10.0'. Reading overstates actual level.

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

*Terry Lunn*  
Individual in Responsible Charge (Please print)

*Terry Lunn* *5/29/12*  
Signature Date

*John R. Munn*  
Inspector's Signature

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 5/29/12 11:35-  
Weather low 80's, Cloudy, Rain / Thunder showers  
Thunderstorms anticipated, clouds building  
(southerly winds @ Angelica)  
Inspector John Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

SITE LOOKS GOOD - NO OFFSITE ODORS

OBSERVATIONS/ CONCERNS/PROGRESS

Arrive Angelica village @ 11:35 @ Van Allen & West Main → CR20 → Brooklyn St → end of West Ave → return on West → CR20 → Elizabeth St → Conder → Railroad → Peacock Hill → CR16 → CR2 → (Return) → CR16 → Peacock Hill → Lilly Rd → (Return) to Herdman. No Offsite Odors - Arrive @ 12:15

(Pine odors @ cemetery on East Main<sup>3</sup>, towards West)

North slope - all looks good - no litter - no leachate seeps seen.

West slope - " " " " " " " "

East slope - looks ok -

South slope needs grass cover - runoff is silt laden. South side of landfill has most litter - on roads + in grass - not major problem, but worst of all areas. Retention pond roadways are litter free.

Storm Runoff Has A Lot of Sediment

This form given to: Terry Luan

Hyland Landfill Leachate Monitoring Report

Date: 9/29/12

Inspector: MUND

Cell 1&2 Riser Building: Levels <u>10<sup>pm</sup></u>	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	
	<u>12.2</u>	<u>14.4</u>	<u>7.3</u>	<u>9.2</u>	<u>17.9</u>	<u>23.6</u>	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	<u>8.5</u>	<u>-3.0</u>	<u>13.0</u>				
Warning Lights (check if lit) <u>None lit</u>	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

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

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit) <u>None Lit</u>	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	<u>9.0</u>	Bubbler	<u>19.5</u>		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	Flow Control	<u>9.0</u>	Flow Control	<u>19.8</u>						
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit) <u>None Lit</u>	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	<u>24.0</u>	<u>20.3</u>								
Cell 5					Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault	Heat trace

Notes: Cell 2 gh secondary > high alarm setpoint of 20" - No lights lit. - out?

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	10.0	Bubbler	3.3	Bubbler	7.5	Bubbler	4.8
	Flow Control	10.3	Flow Control	3.2	Flow Control	7.4	Flow Control	—
	Bay 1 Stick Measure	7'8"	(Stick is 16')		Bay 2 Estimate	7'		

Comments

lights  
lit  
(Basin)

High level  
Bay 2 secondary  
Pump fault lights are lit in leachate basins.  
Bubbler is not reporting accurately - At least 2 feet of error.

MH/KH/File  
MH KH

**Monitoring Report**

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

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: May 22, 2012

Reporting Period: April, 2012

Facility Monitor: John Munn (JM)

FOIL  
Releasable  
Non-Releaseable  
02S17

**Summary**

Compliance monitoring visits were made April 3, 13, and 18. A monthly inspection was done April 25 by Kevin Hintz. On April 11, JM and MH were on site to assess progress with intermediate cover placement and south slope remedial work.

**General Operations:**

**Waste Placement:** Waste placement in Cell 4 continued with added lifts. Waste placement along the cell's northern drainage slope rose to within 10 feet of the top of the Cell 4 drainage stone. Overall, daily cover was adequate, although uncovered or protruding waste was noted on two separate dates.

There was discussion over the application of daily cover of the leading edge of the select lift. Consensus over how the edge cover would be treated was resolved by agreeing to cover the leading edge of the select lift with a tarp at the end of the day rather than leave the edge uncovered and exposed as had been the previous practice to facilitate inspection of the lift. Reduced odor was subsequently noted in the field notes, although the application of intermediate cover on Cell 3 was also a beneficial contributing factor.

**Asbestos Waste:** Burial of asbestos waste was not observed on any of the site visits. On April 27 a request to approve disposal of 5,000 tons of asbestos C&D was received. Subsequent approval was granted despite concerns over the volume and how it would be managed. Assurances were received that the waste would be received over a long period of time and the volume would not be allowed to adversely impact daily operations. Joe Boyles wrote he would keep JM apprised of the project's status.

**Daily Cover:** On separate dates, inadequate cover was noted on visits by JM and KH.

**Intermediate Cover:** Intermediate cover has been applied to Cells 2 and 3, as required. A vegetative cover is now required to prevent/minimize erosion. Additional grading is needed to eliminate ruts and low areas to minimize erosion and water infiltration. Odors are reduced, in part due to the application of intermediate cover on these cells.

Zoladz Construction Co. applied intermediate cover over Cell 2 and the northern portions of Cell 3. Hyland applied intermediate cover to the southern half (south slope) of Cell 3.

**Road maintenance/Dust and Mud Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter. On-site roads, particularly the service haul road to Cell 4, were muddy or dusty, depending on weather, but were passable. It was noted the tire wash was either not in service or not being used on April 18.

**Litter:** Litter was continually addressed during the month. The litter situation was weather dependent and on some occasions high winds created litter problems which were managed in a timely manner. JM requested first priority efforts be made to keep water ditches and retention basins litter-free. No litter problems were noted on the latest inspection on April 25.

**Storm Water Management:** There were no problems noted with storm water management. The Detention Basin #2 outlet was shut after a March 28 leachate spill. Initial results indicated slightly elevated levels leachate indicator parameters. A second sampling round's results were lower and the outlet was opened to allow water discharge.

**Leachate Management:**

There were various problems with the leachate systems during the month.

- April 3: The Cell 1 primary pump was inoperative and the leachate level on the liner indicated 161" of head. Despite the over-limit reading, the warning indicator light was unlit. Subsequent investigation revealed the bulb was burnt out. On the same date, Cell 2 Secondary level (20.2") exceeded the alarm set point of 20" and yet the warning limit light was not lit.
- April 13: The Cell 3 primary pump was out of service due to a wiring fault.
- April 25: The Cell 1 primary pump readout was not legible, a high level warning light was lit for the Cell ½ side riser and Cell 1 groundwater readout was illegible.

The leachate basins were held at about 8-10 feet during the month.

**Environmental Issues:**

**March 28 Leachate Spill:** Analytical results from the storm water detention basin's fore-bay indicated slightly elevated results for leachate indicator parameters. A second sampling round's results indicated contamination levels had diminished and the outlet to the receiving stream was opened.

**Odor Complaints:** No odor complaints were received during April.



**South Slope Issues:** Work is ongoing on the south slope to eliminate leachate ponding along the base of the slope terraces. The installed French drain had limited success in drying out the leachate saturated soils. Further, pressurized landfill gas was only partially controlled from being released into the atmosphere from the installed leachate recovery/gas collection wells.

#### **Areas of Concern**

- South slope remedial work and application of intermediate cover remains incomplete.
- Surface water contamination from leachate, litter and silting is an ongoing concern.

# DAILY INSPECTION REPORT

Facility Hylan Landfill  
Date & Time 4/3/12 11:50 AM - 3 pm  
Weather Sunny → Overcast, 60's SW to NW winds  
Inspector John Murray

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- Litter in surface water runoff ditches & culverts, needs to be cleaned up.
- South slope leachate ponds & exposed waste needs to be corrected & covered.
- Intermediate cover on cell 2, SW corner is incomplete - exposed waste.
- Exposed waste at gas well risers needs to be covered.

## OBSERVATIONS/CONCERNS/PROGRESS

- ↳ Ponding on top of Cell 1/2, north side of gas line needs to be corrected. Litter in ponded area needs to be cleaned up.
- Small leachate seep on west slope
- Riser bldg. 3 steps into risers needs to be re-attached. Safety hazard.
- Cell 1 - pump for primary is in "auto", level is @ 16 inches, limit is 24. Pump is not pumping. SERIOUS ISSUE.
- Odors @ south drainage basins (garbage) - odors on top of cells 1/2. Odors persistent despite cover.

This form given to: Terry Luan

See copies of field notes - attached.

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

Date 4/3/12 Time 12:40 pm Inspector MUNN

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	161.1		13.1		07.7		09.2		14.3		20.2	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	
	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H		Notes:					
Reading	43.7		03.0		10.9		Cell 1 @ 161.3" - pump in auto mode, Meter reads 0.0 gpm					
	Hi	Lo	Hi	Lo	Hi	Lo						
Limit	20"	8"	21.2"	8.6"	12"	8"						

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	2.3	Bubbler	18.9	Bubbler	10.4	Bubbler	2.8	Bubbler	8.8	Bubbler	5.1
	Flow Control	2.4	Flow Control	19.3	Flow Control	<del>2.8</del>	Flow Control	<del>8.8</del>	Flow Control	<del>8.8</del>	Flow Control	4.8
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	49.8	(Stick is 16')		Bay 2 Estimate	9'		
Limit	20"	12"	20"	12"								

Cell 1&2 Riser Building: Warning Lights (check if lit)	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump
Cell 3 Riser Building: Warning Lights (check if lit)	<i>MUNN</i>		AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
			Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
Leachate Impoundment Warning Lights (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary	
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 4/13/12 11<sup>45</sup> - 2<sup>45</sup> 3<sup>30</sup>  
Weather Sunny, 50's-60's, West/South winds  
Inspector John Muay

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Seal off venting gas from gas recovery wells + leachate wells - odor issue.

Leachate seeps need to be addressed.

Pools on south slope need to be drained.

See reverse

OBSERVATIONS/ CONCERNS/PROGRESS

Lots of ~~soil~~ cover added to cell 1/2/3.

Odors are much diminished but still present on south slope @ gas vents and open gas line trench.

Odors are less at working face.

No odors noted in Angelesca village

Lots of progress towards remediating south slope.

Cell 3 primary pump electric line shorted - pump pulled, line patched.

This form given to: Terry Luay

## leachate keeps noted

- ① West slope - due west of GW12A & HTW13  
in newly hayed area
- ② West slope - 40' SW of GW12A - old hay area
- ③ West Slope - 40-50' due north of HTW-14
- ④ South slope - @ LDW9
- ⑤ South slope - pools @ toe of slope due north of  
LDW3
- ⑥ South slope - corner of haul road, SW corner by  
cut of gas line.
- ⑦ at old sump hole on south slope - clay over hole  
is saturated -

## Gas Venting

- ① LDW3 - duct tape failure
- ② LDW2 - no cap, venting ~~strongly~~
- ③ Well No. 7
- ④ GW 125
- ⑤ Well west of GW125

Hyland Landfill Leachate Monitoring Report

Date: 4/13/12

Inspector: John Mann

Cell 1 & 2 Riser Building:

Leachate Levels: Cell 1 Primary: 14.8 Cell 2 Primary: 13.9  
 Cell 1 Sec. A/B: 7.6 Cell 1 Sec. C/D: 9.2 Cell 2 Sec. E/F: 15.0 Cell 2 Sec. G/H: 18.0  
 Cell 1 Grndwtr: 18.0\* Cell 2 E/F Grndwtr: -0.1 Cell 2 G/H Grndwtr: 9.6

\* Exceeds Max level? LIMIT SET AT 20

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

CAUSE READINGS - NO PUMPER AIR FLOW - PUMP OUT OF SVC - WIRING FAULT

Cell 3 Riser Building Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit)	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	<u>0.4</u>	Bubbler	<u>18.0</u>			✓	✓		✓
	Flow Control	<u>0.6</u>	Flow Control	<u>18.4</u>		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12		✓			✓	

Cell 4/5 Panel	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit)	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
Cell 4	<u>21.1</u>	<u>11.6</u>								
Cell 5	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>		No lights lit	Primary	Secondary	Leak Detected	Manhole Flood	Pump Fault

Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	<u>8.0</u>	Bubbler	<u>2.6</u>	Bubbler	<u>8.9</u>	Bubbler	<u>4.7</u>
	Flow Control	<u>8.2</u>	Flow Control	<u>4.7</u>	Flow Control	<u>8.9</u>	Flow Control	<u>4.6</u>
	Bay 1 Stick Measure	<u>9.1</u>	(Stick is 16")		Bay 2 Estimate	<u>8'6"</u>		

- Leachate in riser bldg 1/2 sump being pumped into Cell 1 primary riser  
 - Leachate puddles in clay @ cell 1/2 riser bldg. under gate.

Cell 3 -

**Comments**

DAILY INSPECTION REPORT

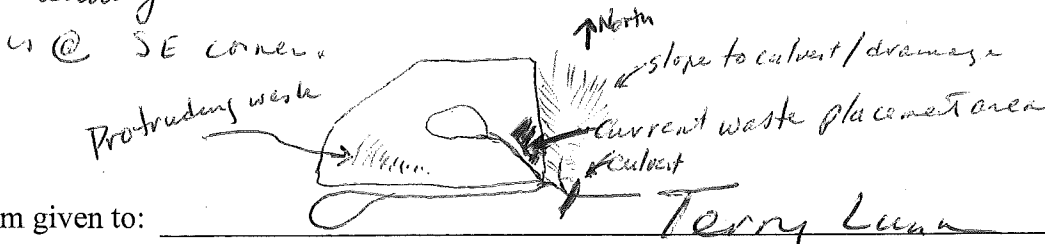
Facility Hyland Landfill  
Date & Time 4/18/12 1<sup>05</sup> - 2<sup>30</sup>  
Weather Sunny, 50's, light South winds / South East winds  
Inspector John Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Small breach on West slope ~100' North of HTW-3  
Litter in south surface impoundments needs removal  
Some areas on ~~active~~ area cell 4A need improved daily cover  
protruding waste - see below.

OBSERVATIONS/ CONCERNS/PROGRESS

Did not walk south slope - windshield survey.  
North slope litter is ok -  
West slope litter - ok  
Road dust control employed.  
Strong garbage (rotting fish) @ C1/2 Riser bldg (west road)  
Wheel wash out of service - Not in use  
Litter being picked along East road.  
Odors of garbage (fish<sup>rotting</sup>) along south side of east roadway  
South slope litter generally ok -  
Roadway into cell 4A now from South east corner - waste placement



This form given to:

Terry Luan



Leachate Basins	Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	9.7	Bubbler	2.8	Bubbler	8.9	Bubbler	4.6
	Flow Control	10.0	Flow Control	2.5	Flow Control	8.8	Flow Control	4.5
	Bay 1 Stick Measure	8'8"	(Stick is 16')		Bay 2 Estimate	8'9"	sluce bottom @ 9'	

Comments

Hyland Landfill Leachate Monitoring Report

Date: 4/18/12 1:30 pm

Inspector: MONN

<b>Cell 1&amp;2 Riser Building:</b> Levels	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	
	13.0	14.6	6.9	9.2	15.3	19.1	
	Cell 1 Groundwater	Cell 2 Groundwater E/F	Cell 2 Groundwater G/H				
	8.2	-3.2	13.0				
Warning Lights (check if lit) <i>NONE LIT</i>	Cell 1 Primary	Cell 2 Primary	Cell 1 A/B Sec	Cell 1 C/D Sec	Cell 2 E/F Sec	Cell 2 G/H Sec	Cell 1 Grnd Water
	Cell 1 E/F GW	Cell 2 G/H GW	Low Level	High Level	Vault Flood	Heat Trace Failure	Remote Pump

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

<b>Cell 3 Riser Building</b> Leachate Levels	Cell 3 Primary		Cell 3 Secondary		Warning Light Status (check if lit) <i>NONE LIT</i>	AC Power	High Level	Low Level	Loadout Inhibit	Primary Sump
	Bubbler	9.7	Bubbler	15.1		Secondary Sump	Station 2 Leak	Vault Flood	Pump Fault	Heat Trace Failure
	Flow Control	9.6	Flow Control	15.6						
	High Limit 20	Low Limit 12	High Limit 20	Low Limit 12						

<b>Cell 4/5 Panel</b>	Primary	Secondary (A/B)	Secondary (C-E)	Warning Light Status (check if lit) <i>NONE LIT</i>	Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhibit
	Cell 4	18.9	12.5							
	Cell 5	N/A	N/A		N/A	Primary	Secondary	Leak Detect	Manhole Flood	Pump Fault

Notes:



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

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**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 <i>Hylands Facility</i>		LOCATION <i>Henderson Rd. Angola</i>		FACILITY NUMBER <i>02517</i>	DATE <i>04/25/12</i>	TIME <i>12:40</i>
INSPECTOR'S NAME <i>Kevin Hunter</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Lunn - LIA Manager</i>			
REGION <i>9</i>	WEATHER CONDITIONS <i>Sunny, 50°F</i>		DEC PERMIT NUMBER			
SHEET <i>1</i> OF <i>2</i>	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		PART(S) 360- _____ Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.

Items marked NI Indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT     ORDER ON CONSENT     EXEMPT     COMPLAINT

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

**OTHER**

On Continuation Sheet identify any other violations.

*- some uncovered/protruding waste in extreme SW corner of Cell 4A. Neil to take care of*

*- some protruding waste near top of east slope of Cell 4A. Neil to take care of*

*- need to repair drainage layers in SW corner of Cell 3A, NW corner of Cell 4A.*

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

*Terry Lunn*  
Individual in Responsible Charge (Please print)

*Terry Lunn*  
Signature \_\_\_\_\_ Date \_\_\_\_\_

*Kevin Hunter*  
Inspector's Signature

*Overall, fair shape for conditions*  
REGIONAL 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 NAME <i>Hyland Facility</i>		LOCATION <i>Heedman Rd. Angelica (T)</i>		FACILITY NO. <i>025170</i>	DATE <i>042512</i>	TIME <i>1400</i>
INSPECTOR'S NAME <i>KEVIN HINIZ</i>			CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES		
REGION <i>9</i>	SHEET OF <i>2 of 2</i>	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		WEATHER CONDITIONS		UNDER ORDER <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Cell 1 primary ~~light~~ - readout not legible. Probably "starts" per Terry
- High level light on ad Cell 1/2 side view
- Cell 1 GW readout not legible.
- Both sed basins at or near overflow. Temp. basin too.
- Need to repair drainage blanket & pull soil AWAY from drainage layer in SW corner of Cell 3A.
- some waste uncovered / protruding in extreme SW corner of Cell 4A. Some protruding waste near top of east slope of Cell 4A.
- trucks having to be pushed into "unloading" position due to wetness.
- South slope is still a project - leadate / gas removal; cover waste;

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

*Terry Lunn*

Individual in Responsible Charge [Please print]

*[Signature]*

Signature

Date

Inspector's Signature

file  
KSTH  
KHM

## Monitoring Report

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

FOL  
02S17  
not releasable  
not releasable

Facility Name: Hyland Landfill  
Facility Number: 02S17  
Date: April 6, 2012  
Reporting Period: March, 2012  
Facility Monitor: John Munn (JM)

### Summary

Compliance monitoring visits were made March 1, 8, 12, 19, 23, and 27. Monthly inspection was completed on March 28.

#### General Operations:

**Waste Placement:** By month end, a ten foot lift of waste had been placed across the entire floor of Cell 4. The first five foot select lift was inspected by Hyland as it was placed. The first five-foot lift was being picked to ensure absence of non-compliant materials. In keeping with previous practice, the daily cover was held back from the leading edge of the select lift to prevent fines from entering the stone drainage layer and facilitate inspection by DEC.

**Asbestos Waste:** On March 1, a hauler was in the process of dumping the load of asbestos containing C&D waste about 60-70 feet from a pre-dug trench. Hyland's operator planned to push the waste into the trench and cover it. The process was interrupted before the load was dumped, the dump trailer was pulled back to the trench and the waste was placed in the trench, as regulation requires. Part 360 requires waste be either placed at the bottom of the working face or into a predug trench and makes no provision for pushing waste once it's been placed by the waste hauler.

**Daily Cover:** Crushed C&D material was used for daily cover over the second lift (approximately ten foot height). As requested in the past by DEC monitors, no cover was placed over the first five-foot lift to allow inspection of the fluff layer. Daily cover was inadequate in Cell 4 (KH, March 12) with thin cover, flagging and no cover proximate to the leading edge of the first lift.

At month end, six inches of intermediate cover are required on cell 2 and 3 due to inactivity in the previous 30 days.

**Road maintenance/Dust and Mud Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter. On-site roads, particularly the service haul road to Cell 4, were muddy or dusty, depending on weather, but were passable. Water was used on the roads later in the month when dust became more of an issue.

**Litter:** Litter was continually addressed during the month. The base of the east slope and proximate drainage area needed attention and has not been cleaned as of April 4. Litter accumulated but the situation was substantially in compliance and improvement is expected in the April.

**Storm Water Management:** Additional hay bales were placed along the active area's access road proximate to the storm water detention basin to minimize surface run-off turbidity. Accumulated litter in low-lying drainage areas needs to be removed.

**Leachate Management:** The south basin was emptied and inspected March 1. Repair was made to the gravel beneath the concrete pad under the inlet pipe and a channel was anchored to the concrete to prevent erosion of its gravel base. Leachate levels have been kept at about 50% capacity during the month.

Problems persist with the leachate level monitors and pump operation. Examples:

Date	Location	Status	Issue
3/8/12	Cell 3 Secondary	Flow control reads 21.3"	Pump limit at 20"
3/8/12	Cell 4 Primary	Level reads 28.2"	No operating limits
3/12/12	Bay 2 Secondary	High level light lit, and Pump fault light lit	
3/12/12	Cell 3 Primary	Low level light lit	
3/12/12	Cell 3 Secondary	Low level light lit	
3/19/12	Cell 2 E/F Secondary	High level light lit Level @ 21.3", limit @ 20" No pumping (flow meter reads 0.0GPM)	Control system failure
3/28/12	Cell 1 Primary	LED reads "1_._"	
3/28/12	Cell 3	Primary Sump light lit Low Level light lit Station 2 Leak light lit	

**Unauthorized Waste:** On March 22, an open drum of waste oil was contained within a load of waste received from Galen, PA. The waste oil did not spill, but splashed onto surrounding waste. Safety Kleen was called to over-pack the drum and the contaminated waste. The material was removed from the landfill and the Monitor was notified, as required by the permit. A report is pending.

**Environmental Issues:** On March 1, a pipe placed to channel leachate failed to remain bedded in the soil and its inlet rose above the leachate channel's containment berm. Leachate flowed over the berm, down the south slope, into a storm water ditch where it mixed with storm water runoff. The pipe was placed the day before and the leak was discovered at 4 PM on March 1. Once discovered, the problem was immediately addressed. JM estimates the release occurred over a period of twelve to twenty-four hours with a concentrated leachate flow rate of twenty to thirty gallons an hour. The contaminated storm water flowed into the Cell 4 sediment pond and storm water retention basin and was not retained. The contaminated soil on the slope was scraped back, the berm repaired and the pipe completely covered to prevent a re-occurrence.

On March 12, KH noted at least six leachate breakouts east of an interception trench and at least eight breakouts south of an interception trench which would drain into the surface water run-off.

On March 28 at about 9:00AM, JM received a call from Hyland's Joe Boyles notifying the department of a leachate release. A flange nut to a valve on a Cell 4 primary leachate line was not tight and leachate leaked into a manhole (approx 4' diameter x 8' depth) designed as secondary containment. The manhole filled and leachate leaked under its cover flange into an adjacent drainage ditch. The leachate combined with surface water and traveled 2,300 feet where it entered detention basin 2's fore-bay. Its density and the gentle flow inhibited mixing. The leachate settled along the bottom of the fore-bay and it could be seen that little leachate migrated into the main water basin. As a precaution, the outlet of the main basin was shut to prevent its water from being released. GEI, a remediation contractor, was on site by 11:15 AM and removed eighteen thousand gallons of contaminated surface water from the fore-bay. The fore-bay was allowed to refill and sampling of the fore-bay was scheduled for March 29 and the Department is awaiting the results. The drainage ditch was flushed with 3000 gallons of water which was collected for disposal.

**Odor Complaints:** An offsite odor complaint was received on March 21 noting odors on Peacock Hill in the morning and "a couple of other times in the past 4 weeks". No offsite odors were noted by JM or KH on their site visits.

**South Slope Issues:** Following comments by DEC, drainage and cover work on the south slope was begun. The work has not been completed. Hyland had created a French drain with tire chips to promote drainage. Its success had not been evaluated at month end. Flowing pools of leachate, venting gas and uncovered waste still remained as of the end of the month.

**Interim Cover:** Zoladz Construction Co. was contracted to haul clay cover and grade the top of Cell 2. At month end, the work was in progress and was nearing completion.

### **Areas of Concern**

- South slope remedial work and application of intermediate cover needs to be completed.
- Vigilance is needed to minimize the possibility of surface water contamination from leachate, litter and silting.
- Offsite odors remain an issue.



# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 31/12 3<sup>00</sup> pm - 5<sup>15</sup> pm  
Weather Overcast, snowing, 32-35°K, no snow cover  
Inspector John Munn

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Keep an eye on berms on south slope!  
Make sure south slope drain pipe repair  
is effective

## OBSERVATIONS/ CONCERNS/PROGRESS

- ① Drive from Belmont via CR 20 → Allegany Ave →  
Rail Road → Peacock Hill. - No Offsite Odors.
- ② Basin 2 was empty & repairs being made to replace  
stone washed out from under west edge of concrete  
shueway. Hyland made determination that there  
was 1-2" of sludge, not enough to require basin  
cleaning. Pump had been tried - no problems
- ③ Witnessed asbestos C+D waste disposal. No issues
- ④ Pipe buried along south slope rose out of  
ditch and above level of berm @ its inlet, allowing  
leachate to overflow berm, run down south slope

This form given to:

Terry Lunn

Over

and into the surface water drainage. Discovered  
@  $\approx 4^{00}$  pm. Terry Lunn immediately directed  
Chester and Neel to make repairs. I grabbed  
a sample of leachate contaminated surface  
runoff - approximately 1/2 liter in a pre-rinsed  
juice container. Repairs made by  $5^{00}$  pm. Berm  
built higher, pipe buried and covered.  
Problem was repaired.

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 3/8/12 12:45 - 3:15  
Weather Rain - overcast, 40's, muddy conditions  
Inspector John Munn

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

South slope - pending DEC comments

## OBSERVATIONS/ CONCERNS/PROGRESS

1. Nearing 30 days of inactivity in cell 2/3 - intermediate cover will need to be placed. Clay being hauled - work in progress
2. Continue with litter pick up. Scattered litter needs to be addressed - litter has been picked/worked on - evident by number of bags picked - Focus on water ways/drainage areas to keep stormwater clean
3. South slope - keep an eye on drain pipe installed last week - watch for clogging. Place a small beam along waste just above <sup>pipe entrance</sup> channel runoff into leachate drainage and from running into storm water -
4. Continue working on cover over exposed waste on South slope
5. Pay attention to good stormwater runoff practices to
6. Leachate ponds look good - @ about 40% capacity

This form given to:

minimize silting / runoff turbidity

### DAILY INSPECTION REPORT

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

Date 3/8/12 Time 2:00 pm

Inspector John Muan

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	18.5		14.2		6.7		9.2		26.8		20.2	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	
	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H		Notes:					
Reading	16.2		3.7		8.8							
	Hi	Lo	Hi	Lo	Hi	Lo						
Limit	20"	8"	21.2"	8.6"	12"	8"						

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	11.5	Bubbler	20.9	Bubbler	11.2	Bubbler	2.6	Bubbler	4.7	Bubbler	4.8
	Flow Control	1.6	Flow Control	21.3	Flow Control	11.6	Flow Control	2.5	Flow Control	4.2	Flow Control	4.3
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	10'8"	(Stick is 16')		Bay 2 Estimate			
Limit	20"	12"	20"	12"								

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

C4  
primary

28.2

C4 Sec  
Level

1.6

2<sup>nd</sup> light is on  
low level light is on

DAILY INSPECTION REPORT

ITW  
MH ~~MTA~~

02917

FACILITY: Aylards 1pm

DATE & TIME: 3/12/12

WEATHER CONDITIONS: Cloudy, 50's.

INSPECTOR'S NAME: Kevin Hartz

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

- Bay 2 secondary / high level light on. Pump fault light on
- Cell 3 - primary & secondary - low level light on
- Dusty access road.
- Lack of daily cover in Cell 4A.
- At least 6 leachate breakouts east of cutoff trench.
- At least 8 leachate breakouts south of cutoff trench.

This form given to: Terry Lunn

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 3/19/12 12<sup>30</sup> pm - 2<sup>30</sup> pm  
Weather 70°, cloudy  
Inspector John Munn

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- Bring daily cover closer to edge of waste over the fluff layer.
- Cell 2 E/F secondary - is there a pump/relay problem? - see below.

## OBSERVATIONS/ CONCERNS/PROGRESS

Cell 2 - E/F secondary light is on - high level - level @ 21.3, limit is 20, pump flow meter reads 0. Pump not running, but should be.

West slope breakouts were investigated by Hyland after last visit. I did not see evidence of breakouts today.

Volady will be hauling cover for intermediate cover starting tomorrow.

Litter situation looks pretty good. West slope drainage areas need attention, but overall ok.

This form given to: Terry Luan

Cell 2 E/F Secondary @ 21.3 - High level light is on  
Cell 1/2 groundwater LED inoperative  
Cell 2 E/F secondary pump not running, high limit @ 20,  
LED @ 21.3

Cell 3 Primary low level light is on, @ 1.5 limit @ 4

C1			
Prim Pole @ 8.6,	bubble 9.1	sec flow cut @ 9.4	
sec	bubble 2.5	" " @ 2.5	
Prim C2	8.9	8.8	
Sec C2	4.7	4.8	



**John Munn - smell**

---

**From:** Presutti Sherri <presutsa@alfredstate.edu>  
**To:** John Munn <jrmunn@gw.dec.state.ny.us>  
**Date:** 3/21/2012 10:48 AM  
**Subject:** smell

---

John – smelled really bad this morning at 7:30 going up Peacock Hill Road. I have smelt it a couple of other times in the past 4 weeks but forget to email you by the time I get to work! Sorry.

Sherri Presutti  
Payroll/Accountant  
ACES Business Office  
Central Dining Hall  
607-587-4044  
Fax - 607-587-4339



auxiliary campus enterprises & services

## John Munn - Unauthorized Waste at Hyland

---

**From:** Joe Boyles <Joe.Boyles@CASELLA.COM>  
**To:** "John Munn" <jrmunn@gw.dec.state.ny.us>, "Mark Hans" <mjhans@gw.dec.stat...>  
**Date:** 3/23/2012 9:26 AM  
**Subject:** Unauthorized Waste at Hyland

---

Yesterday we received a drum of what appears to be waste oil from SMC in Galen PA. It came in as part of a plant trash load. SMC has arranged for Safety Kleen to overpack the drum and the contaminated trash. They are here now packing everything up. They are going to bring the drums up to the office area for security. Another crew will be in later today to take the waste off-site.

I will send you the pertinent information when I get a receipt from Safety Kleen.

Joe Boyles  
General Manager  
Hakes, Hyland & McKean Landfills

Office Location:  
Hyland Facility Associates  
6653 Herdman Road  
Angelica, NY 14709

Ph: 585.466.7271  
Fax: 585.466.3206  
Cell: 716.860.9219

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**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 <i>HYLAND LANDFILL</i>		LOCATION <i>ANGELICA</i>		FACILITY NUMBER <i>02517</i>	DATE <i>032812</i>	TIME <i>1915</i>
INSPECTOR'S NAME <i>JOHN MURPHY</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>JOE BOYLES, GENERAL MANAGER</i>			
REGION <i>9</i>	WEATHER CONDITIONS <i>SUNNY, 70° STRONG WINDGUSTS</i>			DEC PERMIT NUMBER <i>9-10232-10000311000021</i>		
SHEET <i>1 OF 1</i>	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		PART(S) 360- Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.

Items marked NI indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT     ORDER ON CONSENT     EXEMPT     COMPLAINT

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

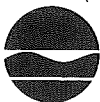
I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.

*TERRY LUND OP. MGR*  
Individual in Responsible Charge (Please print)

*Terry Lund*  
Signature

Date

*John P. Murphy*  
Inspector's Signature



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 <i>HYLAND LANDFILL</i>		LOCATION <i>ANGELICA</i>		FACILITY NO. <i>02917</i>	DATE <i>03/28/12</i>	TIME <i>19:15</i>
INSPECTOR'S NAME <i>JOHN MURN</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>JOE BOYLES, GEN MGR, TERRY LUNA OP. MGR</i>			
REGION <i>9</i>	SHEET OF <i>1 1</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		WEATHER CONDITIONS <i>70's SUNNY, STRONG WIND GUSTS</i>		UNDER ORDER <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- ① SECONDARY CONTAINMENT LEAK INTO SURFACE DRAINAGE FROM CELL 4 SITUATION NEEDS TO BE ASSESSED & CORRECTIVE ACTIONS TAKEN AS NEEDED. WITNESSED CLEANUP OF SPILL - CORRECTIVE MEASURES TAKEN ARE OK.
- ② COMPLETE APPLICATION, GRADING OF CELL 2/3 SOUTH SLOPE (OF COVER)
- ③ LITTER IS ACCUMULATING, NORTH SLOPE, WOODS NORTH OF NORTH SLOPE ROADWAY FENCE, EAST SLOPE & EAST SLOPE ROADWAY AREAS & SOUTH OF CELL 4 ALONG ROADWAY/LITTER FENCE ADJACENT TO CELL 4 SED PONDS. AND SED PONDS AT N.E CORNER (SED POND #1)
- ④ FLUFF LAYER HAS RIGID MATERIALS - 2"x4" WOOD, AUTO BUMPER,
- ⑤ TIRES IN WASTE - TIRE SEEN BEING DUMPED FROM LOAD & WHOLE TIRE IN FLUFF LAYER.

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

*John R. Murn*  
Inspector's Signature

*Terry Luna, Op. Mgr*  
Individual in Responsible Charge [Please print]

*July 12*  
Signature Date

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 3/28/12 11<sup>00</sup> -  
Weather Blue sky, 70's, gusty winds (S/Swest)  
Inspector John Munn

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- ① Secondary containment failure @ manhole for cell 4.-  
Need to assess, correct situation to prevent future releases into stormwater drainage
- ② Complete application of intermediate cores on Cells 2 & 3  
South slope - Complete drainage - situation is much improved - work to complete.

## OBSERVATIONS/ CONCERNS/PROGRESS

~ 9<sup>00</sup> Am - Call from Joe Boyles - failure of secondary leachate containment @ Cell 4, release into stormwater/surface water drainage system.

11<sup>00</sup> Arrive on site; 11<sup>15</sup>, GEI (Global Environmental Industrial) was on site to pump spilled leachate. Clean up by GEI's Mitch Graw & Nate Shaver (Hyland) & Kenny. 5 loads removed from pond by 4pm. Remove 1 more @ pond for a total of 6 loads.

On working face @ 4pm, soil being placed on south edge of cell 4A, core @ NE ~~edge~~ corner and wrapping along west side  
4:07 pm

This form given to:

JERRY LUNN

DAILY INSPECTION REPORT

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

Date 3/28/12 Time 1:00

Inspector John Munn

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	LED IS OUT 1 - - -		13.8		8.3		9.2		12.9		18.9	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	
	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H		Notes: CELL 1/2 E/F Groundwater is "off" due to need to prevent surface water runoff into free bay Cell 3 flow in bubbler 72.0					
Reading	LED IS OUT 1 - - -		4.8		11.3							
	Hi	Lo	Hi	Lo	Hi	Lo						
Limit	20"	8"	21.2"	8.6"	12"	8"						

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	6.7	Bubbler	25.0	Bubbler	10.3	Bubbler	2.9	Bubbler	8.8	Bubbler	4.5
	Flow Control	6.6	Flow Control	25.2	Flow Control	10.6	Flow Control	2.6	Flow Control	8.8	Flow Control	4.3
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	9.6	(Stick is 16')		Bay 2 Estimate	8.6		
Limit	20"	12"	20"	12"								

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

Cell 4 lights -  
Low Level-on  
Primary-on

LED Levels

C4 Prim	C4 Sec
- 6.1	3.5

C4 Prim flow = 370

C4 sec flow = 6

MH/KH/File  
MH

## Monitoring Report

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

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: March 29, 2012

Reporting Period: February, 2012

Facility Monitor: John Munn (JM) *dcg for*

FOIL  
02S17

### Summary

Compliance monitoring visits were made February 2, 7, 15, 16, 22, and 23. Monthly inspections were done February 22 by KH and February 29 by JM.

### General Operations:

**Waste Placement:** Approval to place waste in Cell 4 was given by MH on January 31 and waste placement with the fluff layer began in Cell 4 on February 1, with waste placement from the southeast corner in a lift approximately 100 feet wide and progressing towards the northeast corner. The first five-foot lift was being picked to ensure absence of non-compliant materials. The waste was adequately compacted in five foot lifts.

**Daily Cover:** Crushed C&D material was used for daily cover over the second lift (approximately ten foot height). As requested in the past by DEC monitors, no cover was placed over the first five-foot lift to allow inspection of the fluff layer. The uncovered fluff layer was covered with tarps at night.

**Road maintenance/Dust and Mud Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter. On-site roads, particularly the service haul road to Cell 4, were muddy almost the entire month. Upon JM's request, a litter control fence and hay bales were placed along the edge of the haul service roadway to intercept litter and road mud. The physical barrier prevented vehicles from encroaching onto and rutting the grass buffer planted on the slope between the road and the surface water retention basins.

**Litter:** Litter was continually addressed during the month, except when snow cover prevented its removal. Windblown litter carried beyond the north litter control fence and into surface water drainage ditches was picked up and not allowed to accumulate.



**Storm Water Management:** Wet conditions and heavy clay soils made deep mud on roadways and created turbid runoff from soil borrow areas. At JM's request, hay bales were deployed and hay used as cover on bare slopes to slow runoff and minimize erosion.

**Leachate Management:** The north leachate impoundment (basin #1) was emptied for inspection on February 23. (The south basin was emptied and inspected March 1.)

**Other:**

On February 7, JM met with Max Stanisch (Casella) and Andrew Kletke (McMahon & Mann) to scope out remedial work to address leachate breakouts on the south slope. McMahon and Mann submitted a remediation design proposal to the DEC via e-mail on February 15 which were under review at month end.

On February 22, a double-walled leachate cleanout for Cell 4A was dripping about four – five gallons an hour onto the ground from under a loosely bolted cover. Removal of the cover revealed that water and ice filled the annular space between the cleanout pipe and its secondary containment. A sample was taken for lab analysis and the cover replaced. Upon further review of the engineering drawings, the liquid was determined to be secondary leachate that had leaked around the primary pipe cleanout's threaded plug and had filled the secondary containment line. The reason for the secondary containment's failure to drain is under review.

**Environmental Issues**

**Odor Complaints:** Offsite odors were noted by two Angelica residents proximate to Peacock Hill Road on February 9, 14 and 15. On February 23, DEC ECO Mark Wojkowiak noted odors proximate to I-86 and County Rt.20 under easterly wind conditions. On February 15 and 16, JM noted slight offsite odors on Peacock Hill

**South Slope Issues:** Drainage and cover work on the south slope was delayed pending DEC's review of the engineering proposal.

**Areas of Concern**

- South slope remedial work and application of intermediate cover need to be done.
- Vigilance is needed to minimize the possibility of surface water contamination from leachate, litter and silting.
- Offsite odors remain an issue.

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 2/15/12 11<sup>30</sup> - 3<sup>15</sup> pm  
Weather Overcast ~32-35°  
Inspector John Munn

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

No issues - be mindful of litter/storm runoff from waste into low area/and culvert @ SE corner of cell 5 and from roadway <sup>cell 4</sup> into stormwater retention pond.

## OBSERVATIONS/ CONCERNS/PROGRESS

Based on odor complaints rec'd 2/14 & 2/15. I traveled CR 16 → CR 20 → Brooklyn Ave → West Ave → CR 20 → Rail Road Ave → Sea Closser → Peacock Hill. Offsite odors noted only on Peacock Hill - (landfill gas) - sulfur smell (H<sub>2</sub>S) (slight odor) @ ~± 100 yards N and S of cell tower on Peacock Hill. Odors not strong enough to warrant action. Some garbage odor (fish) on site.

New lift placed on Cell 4 waste - now at about 10'. Lift has not progressed to North edge of waste. Waste placement in SE corner of C4 progressing to N. All looks ok. I requested a litter control fence & hay bales @ SE roadway into cell 4 to minimize litter in storm water runoff.

This form given to: Joe Boyles

over

Along north, east and west slopes are dozens of bags of picked litter. Some ~~Asst~~ tracking along roads but site is generally litter free, as far as I can tell with the snow cover.

Leachate impoundments are to be ~~cleaned~~ <sup>drained</sup> / emptied for inspection 2/16.

Muddy conditions - site generally looks good.

DAILY INSPECTION REPORT

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

Date 2/15/12

Time 12:15

Inspector Munh

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	15.4		13.9		7.8		9.2		19.8		19.8	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	
	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H		Notes: Cell 1/2 - High level light on - all levels ok					
Reading	17.9		-00.7		7.0							
	Hi	Lo	Hi	Lo	Hi	Lo						
Limit	20"	8"	21.2"	8.6"	12"	8"						

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	1.8	Bubbler	20.9	Bubbler	9.6	Bubbler	2.5	Bubbler	8.6	Bubbler	4.7
	Flow Control	2.8	Flow Control	24.2	Flow Control	9.9	Flow Control	2.3	Flow Control	8.5	Flow Control	14.3
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	9 1/2	(Stick is 16')		Bay 2 Estimate	8'6"		
Limit	20"	12"	20"	12"								

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

Cell 4/5 lights

Cell 4

Cell 5

AC FAIL

High Level

✓  
Low Level

Pump Inhib.

PRIMARY

✓  
SECONDARY

LEAK DETECTED

MANHOLE  
FLOOD

Pump  
FAULT

HEAT TRACE

Cell 4/5 meters

19.3

5.1

-34.8

-34.6

-34.7

C4 Prim

C4 Sec

C5 Prim

C5 a/b Sec

C5 c-e Sec

267

6

9

1339%

18

C4 Pri. Flood

C4 Sec Flood

C5 Pri Flood

C5 a/b Sec  
Flood

C5 c-e Sec  
Flood

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 2/16/12 4:45-5:45 pm  
Weather Overcast, slight drizzle, ~40°F  
Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

None.

OBSERVATIONS/ CONCERNS/PROGRESS

4:45 - Drove CR16 → CR20 → Brooklyn Ave → West Ave, <sup>1</sup>RETURN  
West Ave → CR20 → ELIZABETH → CENTER → ALLEGANY →  
PEACOCK → HERDMAN. GARBAGE ODORS NOTICED ALONG  
PEACOCK HILL FROM PINK HOUSE UP TO HERDMAN. ODOR  
SMELLED LIKE OLD FISH JUICE FROM A WASTE PAIL -  
NOT STRONG - ON A SCALE OF 1-5, ABOUT "1."

NEAR <sup>1</sup>MARVE SHOWED ME COVER ON CELL 4 AND IT  
LOOKS OK. I HAVE QUESTIONS, BUT I NEED TO CHECK IT  
OUT AND MAY ASK FOR SOME PROCEDURAL CHANGES IF  
RULES REQUIRE.

SOUTH EAST CORNER DRAINAGE AREA OF CELL 4 LOOKS  
GOOD! THANKS FOR KEEPING ON TOP OF LITTER SO  
This form given to: IT'S NOT AN ISSUE!

LEFT ON TERRY LUNN'S DESK. 5:50 pm 

**John Munn - Re my site visit last night**

---

**From:** "John Munn" <jrmunn@gw.dec.state.ny.us>  
**To:** <joe.boyles@casella.com>  
**Date:** 2/17/2012 9:15 AM  
**Subject:** Re my site visit last night  
**CC:** <max.stanish@casella.com>, "Kevin Hintz" <krhintz@gw.dec.state.ny.us>, "..."

---

Joe...

I stopped by late last night because I've had odor complaints and a later visit allowed me to look at the end of day cover. Neil and Marv drove me around and explained my questions regarding cover and I'm OK.... I'll ask some of the more experienced staff here for their advice to confirm, but at this point I see no issues with cover as the first lift is being placed.

I had odor complaints earlier this week (I mentioned them on Wednesday) and the complaints generally are early morning and early evening along Peacock Hill. At about 4:30 until 4:45, I drove the local village roads to the west of Peacock Hill and didn't smell any odors. As I drove to the landfill on Peacock Hill at about 4:40 PM, I smelled odors from the landfill between the pink house and up to Herdman Rd. On a scale of 1-5, I place them at the low end with a 1. After I left Hyland, odors were still present on Peacock Hill. Before leaving Angelica, I drove along East Main Street (County Rt 16) to County Rt 2 and I noticed landfill odors from midway along the Angelica's cemetery road frontage going east to the stately brick farm house located about a quarter mile past the village/town line. I would place the intensity at about a 1.

These locations are consistent with the complaints I've received. I also observed that the presence of odors along this particular section of East Main St are consistent with wind direction and correlate with odors along this section of Peacock Hill. I expect the upcoming soil gas survey and gas collection and south slope work will address some of the issues, and hopefully, reduce the odor complaints.

John R. Munn  
Environmental Chemist I

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 2/22/12 10<sup>00</sup> Am - 3<sup>15</sup> pm  
Weather Sunny / Overcast → Snow  $\frac{1}{2}$  Mixed Rain / Clearing  
Inspector Strong South wind gusts  
John Munn  
ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

South & East slopes - Mine cuttings @ top need cover  
& grading  
Leachate breakout on west slope midway up about  
 $\frac{1}{3}$  way ~~away~~ from north edge needs repair  
(Terry was aware of it)  
Waste in cell 4 placed beyond fabric needs to be  
pulled back

## OBSERVATIONS/ CONCERNS/PROGRESS

- Pipe leaking @ cell 4 risers - water was sampled
- good job w/ picking @ fluff layer
- Litter situation looks good - under control
- one gas plant engine down - flare is running
- Muddy conditions
- North impoundment pumped into south and being  
emptied for inspection - not quite empty -

This form given to:

Terry Luan





**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 <i>Hylands Landfill</i>		LOCATION <i>Herkimer Rd Angelico St</i>	FACILITY NUMBER <i>02S19</i>	DATE <i>022212</i>	TIME <i>1330</i>
INSPECTOR'S NAME <i>Kevin Hantz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES		
REGION <i>9</i>	WEATHER CONDITIONS <i>Light Rain, 30's, Windy</i>		DEC PERMIT NUMBER <i>9-0232-00003 00002</i>		
SHEET <i>1 OF 3</i>	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PART(S) 360- _____ Attached			

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.

Items marked NI indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT     ORDER ON CONSENT     EXEMPT     COMPLAINT

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

**OTHER**  
On Continuation Sheet identify any other violations.

*- Need to cover the exposed waste on east slope above the old access road*

*- windblown waste to north + in drainage ditch on east side of landfill*

*- Need to cover the waste in the old R4 area on top of cell 302.*

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

Individual in Responsible Charge (Please print)

*Gerry*  
Signature

Date

*Kevin Hantz*  
Inspector's Signature



6 NYCRR Part 360

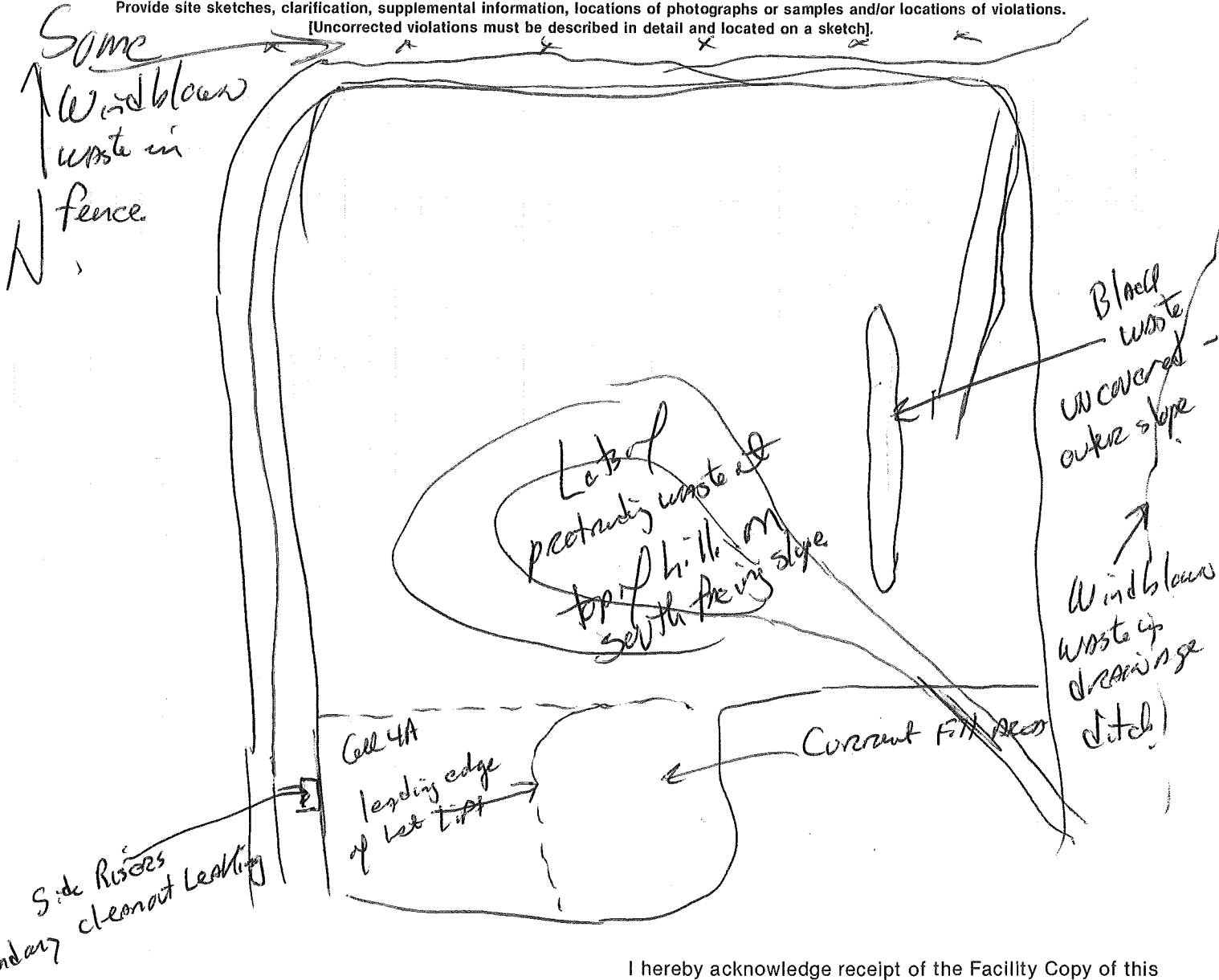
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT—Continuation Sheet

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

FACILITY NAME <i>Hylands</i>		LOCATION <i>Heedman Rd Angelica (T)</i>		FACILITY NO.	DATE	TIME
INSPECTOR'S NAME		CODE	PERSONS INTERVIEWED AND TITLES			
REGION	SHEET OF <i>2 of 3</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input type="checkbox"/> No		WEATHER CONDITIONS		UNDER ORDER <input type="checkbox"/> Yes <input type="checkbox"/> No

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

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



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

Inspector's Signature

Individual in Responsible Charge [Please print]

*2 Cell GW at 150+*  
*2 LF GW at minus 4*

*Jerry*  
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 Hylands.		LOCATION Henderson Hill Rd.		FACILITY NO. 025170	DATE 2/22/12	TIME 1330
INSPECTOR'S NAME Kevin Hartz		CODE 5	PERSONS INTERVIEWED AND TITLES Jerry Lewis			
REGION 9	SHEET OF 3 of 3	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input type="checkbox"/> No		WEATHER CONDITIONS		UNDER ORDER <input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

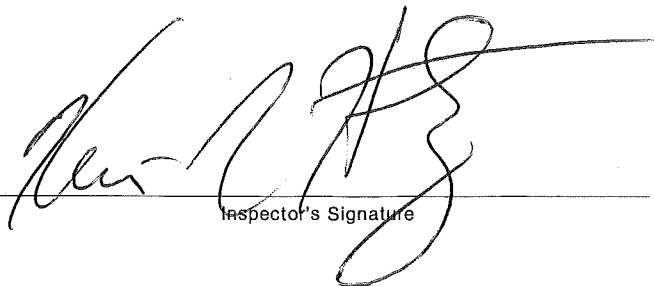
OPERATIONAL REPORTS Review

1) Daily leachate - when leachate level exceeds  
115 in basin, what is being done?  
- when PRO-Central is down, why not  
manually read the meters in field?

2) Weekly leachate -  
- Primary of Cell 1 - 2/13/12 → 2/16/12 → 2/17/12 ?  
600381 → 605633 → 297520

3) PRO Central Reports  
- Last report dated 2/13/12  
- some days, no reports for Cells 1 & 2 & basins  
- some days no reports for cell 4 & 5.  
- only on 2/11/12 all reports there! Also on 2/13/12, 2/21/12, 2/1/12

4) Leachate Removal  
- m5 of 8 trailers for 2/20/12

  
Inspector's Signature

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

\_\_\_\_\_  
Individual in Responsible Charge [Please print]  
\_\_\_\_\_  
Signature Date

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 2/23/12 4<sup>15</sup> - 5<sup>15</sup> pm  
Weather Overcast, 40's, muddy conditions, snow cover mostly melted.  
Inspector John Mann

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

OBSERVATIONS/ CONCERNS/PROGRESS

Made a visit to witness the empty north leachate basin as part of 2012 permit condition. The north basin was emptied before I arrived and its contents transferred to the south basin which was at its maximum capacity, and some leachate was being collected in the north basin. Prior to my arrival, the basin had been emptied and photos taken by Terry Lunn + Joe Boyle. Because some additional leachate had been collected, Terry + Chester started pumping into the south basin to expose more of the north basin floor. Pumping had to be stopped due to foam/cavitation in the transfer line. Pumping from N basin and back into N basin was without any issues/problems. Hyland determined no cleaning was necessary. While there, I saw impoundment floor about 50% exposed.

This form given to: Terry Lunn



**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 <i>HYLAND LANDFILL</i>		LOCATION <i>ANGELICA, NY</i>		FACILITY NUMBER <i>02517</i>	DATE <i>02/29/21</i>	TIME <i>1330</i>
INSPECTOR'S NAME <i>JOHN MUNN</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>TERRY LUNN, OPERATIONS MANAGER</i>			
REGION <i>9</i>	WEATHER CONDITIONS <i>SNOWING 31° MURKY STRONG WINDS - ESE</i>		DEC PERMIT NUMBER <i>9-0232-0000310002-</i>			
SHEET <i>1</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PART(S) 360- <i>1 OF 1</i>				

Violations of Part 360 are Subject to Applicable Civil, Administrative and Criminal Sanctions Set Forth in ECL Article 71, and as Appropriate, the Clean Water and Clean Air Acts. Additional and/or Multiple Violations May Be Described on the Attached Continuation Sheet.

This form is a record of conditions which are observed in the field at the time of inspection.

Items marked NI indicate no inspection and do not mean no violation has occurred.

PART 360 PERMIT     ORDER ON CONSENT     EXEMPT     COMPLAINT

C NI V

**FACILITY MANAGEMENT**

- 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).
- Incoming solid waste is monitored by a control program for unauthorized waste, and solid waste materials accepted are those authorized and approved for management at the facility:
  - Hazardous/Low-Level Radioactive Wastes. 360-1.5(b); 360-2.17(m). *NOT ACCEPTED*
  - Control Program. 360-1.14(e)(1).
  - Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
  - Bulk Liquids. 360-2.17(k). *NOT ACCEPTED*
  - Whole Tires. 36-0-2.17(v). *NOT ACCEPTED*
  - Lead Acid Batteries. 360-2.17(w). *NOT ACCEPTED*
- Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
  - Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
  - Adequate Equipment. 360-1.14(f)(2).
- Operational records are available where required:
  - Unauthorized Solid Waste Records. 360-1.14(i)(1). *NO UNAUTHORIZED WASTE*
  - Self Inspection Records. 360-1.14(i)(2).
  - Permit Application Records. 360-1.14(i)(3).
  - Monitoring Records. 360-1.14(i)(4).
  - Facility Operator Records. 360-1.14(u)(1).
  - Fill Progression Log. 360-2.9(e).
  - Primary Leachate Collection and Removal System Logs. 360-2.9(j)(3).
  - Asbestos Waste Site Plan. 360-2.17(p)(2).
  - Random Waste Collection Vehicle Inspection Records. 360-2.17(q).

**OPERATION CONTROL**

- Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j).
- 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 breeding areas are prevented. 360-1.14(l).
- Odors are effectively controlled so that they do not constitute a nuisance. 360-1.14(m). *NO OFFSITE ODORS NOTED IN ANGELICA*

**WATER**

- Solid waste is prevented from entering surface waters and/or groundwaters. 360-1.14(b)(1). *LITTER IS PICKED UP - SITE LOOKS GOOD*
- Leachate is minimized through drainage control or other means and is prevented from entering surface waters. 360-1.14(b)(2); 360-2.1.7(g).

**ACCESS**

- Access to the facility is strictly and continuously controlled by fencing, gates, signs, natural barriers or other suitable means. 360-1.14(d).
- On-site roads are passable. 360-1.14(n); 360-2.17(s).

**WASTE HANDLING**

- Solid waste is spread in layers 2 feet or less in thickness, proper compaction is achieved with 3 passes of appropriately sized equipment, and the working face area is the smallest practicable. 360-2.17(b)(1).
- Lift height does not exceed 10 feet, slope is at least 4 percent and no more than 33 percent, and wastes are placed and graded in accordance with fill progression plan. 360-2.17(b)(2).
- Solid waste preparation measures and/or precautions are provided:
  - Stabilized/Dewatered Sludges. 360-2.17(n).
  - Asbestos Waste. 360-2.17(p)(3).
  - Tanks. 360-2.17(r).

**COVER**

- Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
- Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
- Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).

**MONITORING**

- Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(8)(v),(c)(1)(i).
- Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c).

**OTHER**

On Continuation Sheet identify any other violations.

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

*Terry E Lunn*

Individual in Responsible Charge (Please print)

*Terry Lunn*

Signature

Date

*John Munn*  
Inspector's Signature



**John Munn - forgot to email this morning**

---

**From:** Presutti Sherri <presutsa@alfredstate.edu>  
**To:** John Munn <jrmunn@gw.dec.state.ny.us>  
**Date:** 2/9/2012 3:57 PM  
**Subject:** forgot to email this morning

---

Smell was bad going up Peacock Hill this morning – 7:30 am.

Thanks,  
Sherri

Sherri Presutti  
Payroll/Accountant  
ACES Business Office  
Central Dining Hall  
607-587-4044  
Fax - 607-587-4339



auxiliary campus enterprises & services

**John Munn - RE: forgot to email this morning**

---

**From:** Presutti Sherri <presutsa@alfredstate.edu>  
**To:** John Munn <jrmunn@gw.dec.state.ny.us>  
**Date:** 2/10/2012 8:07 AM  
**Subject:** RE: forgot to email this morning

---

I would say a three yesterday morning. We did not smell it this morning.  
What exactly is being dumped there anyways?  
Thanks,  
Sherri

---

**From:** John Munn [mailto:jrmunn@gw.dec.state.ny.us]  
**Sent:** Thursday, February 09, 2012 5:01 PM  
**To:** Presutti Sherri  
**Subject:** Re: forgot to email this morning

Thank you Sherri.

I was at Hyland on Tuesday and noted odors along Peacock Hill only at Herdman Road. On a scale of 1 to 5, how would you characterize the strength of the odors you're experiencing? I can't get out to Angelica until next Tuesday, at the earliest. It seems that odors are strongest about 7AM, and this may coincide with the time that the daily cover is being stripped back to place new waste. I'll look at my schedule and arrange an early morning visit.

John

>>> Presutti Sherri <presutsa@alfredstate.edu> 2/9/2012 3:56 PM >>>  
Smell was bad going up Peacock Hill this morning – 7:30 am.  
Thanks,  
Sherri

Sherri Presutti  
Payroll/Accountant  
ACES Business Office  
Central Dining Hall  
607-587-4044  
Fax - 607-587-4339



auxiliary campus enterprises & services



**John Munn - RE: forgot to email this morning**

---

**From:** Presutti Sherri <presutsa@alfredstate.edu>  
**To:** John Munn <jrmunn@gw.dec.state.ny.us>  
**Date:** 2/15/2012 8:07 AM  
**Subject:** RE: forgot to email this morning

---

John –

Smell noticed when we came home last night around 4:30 – smelled it down into the village also not just on Peacock Hill and again this morning around 7:30.

Thanks,  
 Sherri

---

**From:** John Munn [mailto:jrmunn@gw.dec.state.ny.us]  
**Sent:** Friday, February 10, 2012 9:03 AM  
**To:** Presutti Sherri  
**Subject:** RE: forgot to email this morning

Sherri...

Hyland takes in municipal, commercial and industrial waste. The waste is mostly a mixture of household garbage, construction and demolition debris, drill cuttings (the soil and rock that's created when a gas well is drilled) mixed with saw dust, commercial waste which is things like wood pallets, plastic wrap and the kinds of things taken from office buildings, and industrial waste such as sewage sludge from municipal wastewater treatment plants. They'll take in soil that's contaminated from things like fuel or hydraulic oil and gasoline.

They do not take in hazardous or radioactive waste, and what they take in has to be approved by the Department. To guard against radioactive waste being brought in, there are radiation monitors at the gate house which monitor for radioactivity as each truck passes through. The monitors work. A few months ago a load of municipal waste was detained until its radioactive levels naturally decayed below safe levels.

I'll make a point of getting to Angelica at about 7:00 AM next week.

John

>>> Presutti Sherri <presutsa@alfredstate.edu> 2/10/2012 8:07 AM >>>  
 I would say a three yesterday morning. We did not smell it this morning.  
 What exactly is being dumped there anyways?  
 Thanks,  
 Sherri

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**Sent:** Thursday, February 09, 2012 5:01 PM  
**To:** Presutti Sherri  
**Subject:** Re: forgot to email this morning

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John

>>> Presutti Sherri <presutsa@alfredstate.edu> 2/9/2012 3:56 PM >>>

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Thanks,

Sherri

Sherri Presutti  
Payroll/Accountant  
ACES Business Office  
Central Dining Hall  
607-587-4044  
Fax - 607-587-4339



auxiliary campus enterprises & services

**John Munn - Hyland Landfill**

---

**From:** "Scholla, Mary" <SCHOLLML@alfredstate.edu>  
**To:** "jrmunn@gw.dec.state.ny.us" <jrmunn@gw.dec.state.ny.us>  
**Date:** 2/15/2012 8:35 AM  
**Subject:** Hyland Landfill

---

Mr. Munn,

I just wanted to report that we have again been noticing the smell of the landfill – both yesterday (2/14) at 7:30 a.m. and again last night, especially around 7:30 p.m. I live on Closser Avenue and when I stepped outside at that time, I noticed the strong gas smell. Then again this morning on my way in to work, we could smell it on the way up Peacock Hill.

For a short time we went without noticing the smell, and I was hopeful that maybe they fixed it, but it seems like it is back again.

Mary Scholla

*Mary Scholla*  
Secretary to the Dean  
School of Management and Engineering Technology  
Alfred State College  
Room 349 Engineering Building  
10 Upper College Drive  
Alfred, NY 14802  
607-587-4611 (phone)  
607-587-4613 (fax)

**John Munn - RE: Hyland Landfill**

---

**From:** "Scholla, Mary" <SCHOLLML@alfredstate.edu>  
**To:** John Munn <jrmunn@gw.dec.state.ny.us>  
**Date:** 2/15/2012 8:49 AM  
**Subject:** RE: Hyland Landfill

---

Actually Closser Avenue is right at the bottom of Peacock Hill – right after you go under the highway it's the road on the right.

*Mary Scholla*  
 Secretary to the Dean  
 School of Management and Engineering Technology  
 Alfred State College  
 Room 349 Engineering Building  
 10 Upper College Drive  
 Alfred, NY 14802  
 607-587-4611 (phone)  
 607-587-4613 (fax)

---

**From:** John Munn [mailto:jrmunn@gw.dec.state.ny.us]  
**Sent:** Wednesday, February 15, 2012 8:41 AM  
**To:** Scholla, Mary  
**Subject:** Re: Hyland Landfill

Mary...

I'm heading out to Angelica in a few minutes. I'm not familiar with Closser Ave but will look it up. We've had recent meetings with Hyland and work is underway to address odors. I expect significant improvement by the end of spring.

John Munn

>>> "Scholla, Mary" <SCHOLLML@alfredstate.edu> 2/15/2012 8:34 AM >>>  
 Mr. Munn,

I just wanted to report that we have again been noticing the smell of the landfill – both yesterday (2/14) at 7:30 a.m. and again last night, especially around 7:30 p.m. I live on Closser Avenue and when I stepped outside at that time, I noticed the strong gas smell. Then again this morning on my way in to work, we could smell it on the way up Peacock Hill.

For a short time we went without noticing the smell, and I was hopeful that maybe they fixed it, but it seems like it is back again.

Mary Scholla

*Mary Scholla*  
 Secretary to the Dean  
 School of Management and Engineering Technology

Alfred State College  
Room 349 Engineering Building  
10 Upper College Drive  
Alfred, NY 14802  
607-587-4611 (phone)  
607-587-4613 (fax)

**John Munn - Re: Re my site visit last night**

---

**From:** Joe Boyles <Joe.Boyles@CASELLA.COM>  
**To:** "John Munn" <jrmunn@gw.dec.state.ny.us>  
**Date:** 2/17/2012 10:17 AM  
**Subject:** Re: Re my site visit last night  
**CC:** "Kevin Hintz" <krhintz@gw.dec.state.ny.us>, <max.stanish@casella.com>, "..."

---

Hi John:

We have some contractors here today to start gas improvements. Hyland is scheduling the surface scan in the next few weeks. There is capital for a major system overhaul to be completed during this year's construction season.

Joe Boyles  
General Manager / Hyland & Hakes Landfills  
Senior Project Manager / Permits, Compliance & Engineering  
Special Waste Manager / Casella - Western Region

6653 Herdman Road  
Angelica, NY 14709

Ph: 585.466.7271  
Fax: 585.466.3206  
Cell: 716.860.9219

▼ "John Munn" ---02/17/2012 09:11:34 AM---Joe...

From: "John Munn" <jrmunn@gw.dec.state.ny.us>  
To: <joe.boyles@casella.com>  
Cc: <max.stanish@casella.com>, "Kevin Hintz" <krhintz@gw.dec.state.ny.us>, "Mark Hans" <mjhans@gw.dec.state.ny.us>  
Date: 02/17/2012 09:11 AM  
Subject: Re my site visit last night

---

Joe...

I stopped by late last night because I've had odor complaints and a later visit allowed me to look at the end of day cover. Neil and Marv drove me around and explained my questions regarding cover and I'm OK.... I'll ask some of the more experienced staff here for their

advice to confirm, but at this point I see no issues with cover as the first lift is being placed.

I had odor complaints earlier this week (I mentioned them on Wednesday) and the complaints generally are early morning and early evening along Peacock Hill. At about 4:30 until 4:45, I drove the local village roads to the west of Peacock Hill and didn't smell any odors. As I drove to the landfill on Peacock Hill at about 4:40 PM, I smelled odors from the landfill between the pink house and up to Herdman Rd. On a scale of 1-5, I place them at the low end with a 1. After I left Hyland, odors were still present on Peacock Hill. Before leaving Angelica, I drove along East Main Street (County Rt 16) to County Rt 2 and I noticed landfill odors from midway along the Angelica's cemetery road frontage going east to the stately brick farm house located about a quarter mile past the village/town line. I would place the intensity at about a 1.

These locations are consistent with the complaints I've received. I also observed that the presence of odors along this particular section of East Main St are consistent with wind direction and correlate with odors along this section of Peacock Hill. I expect the upcoming soil gas survey and gas collection and south slope work will address some of the issues, and hopefully, reduce the odor complaints.

John R. Munn  
Environmental Chemist I

---

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## John Munn - Odors

---

**From:** Mark Wojtkowiak  
**To:** Munn, John  
**Date:** 2/24/2012 8:15 AM  
**Subject:** Odors

---

John,

As discussed last night, I observed landfill odors in the Angelica area while on duty and on patrol on 2/23/12 at 1930hrs. My first observation was on I-86 in the T/O Angelica about 1.5 miles west of the Angelica interchange. This was a strong and distinctive landfill odor that filled the passenger compartment of my patrol vehicle with all windows closed. This was the strongest observation out of the following additional observations I made over the next 15 minutes:

I86 off ramp at Peacock Hill Rd - slight odor

Railroad Ave between Peacock and Olean St (CR20) - no odors

Park Circle - no odors

Cty Rte 20 in the vicinity of 6660 and 6669 - moderate to strong odors. This is a point between the Hyland Landfill and the spot on I86 where I made my initial observation.

The wind was from the East and moderate. Let me know how you make out. Thanks.

Mark

ECO Mark Wojtkowiak  
NYS DEC Police, Region 9  
(607) 339-3591 - Cell  
(716) 851-7000 - Buffalo Office

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MH/KH/MAH/MAH/File

### Monitoring Report

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

Facility Name: Hyland Landfill

Facility Number: 02S17

Date: February 28, 2012

Reporting Period: January, 2012

Facility Monitor: John Munn (JM) *dcg*

02S17  
02S17  
02S17

#### Summary

Compliance monitoring visits were made January 5, 11, 20, 24, and 31. An inspection was not done during January. Odor complaints received by e-mail and the 1-800-DEC-TIPP line were investigated.

#### General Operations:

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

**Daily Cover:** I was unable to assess the adequacy of daily cover because the working face was small and continually being filled from day to day as the operations within cell 3 ran tight on air space. Further, my visits were mid-day while filling was in process. Seams of exposed waste along the top of the western side of the south slope needed cover.

**Road maintenance/Dust Control:** Peacock Hill Road and Herdman Road were kept free of tracked litter.

**Litter:** Litter became a problem during the month, particularly on the north slope, but it was continually addressed except when snow cover prevented removal. Although windblown litter was carried beyond the north litter control fence, it was picked up and not allowed to accumulate. Surface water drainage ditches were kept free of litter.

**Storm Water Management:** Grading and replanting repairs to detention basin #2 will be done in the spring. On January 31, runoff from a gradual melting of snow was turbid with clay silt, indicating that erosion controls will need to be enhanced. I requested hay bales be placed in some drainage channels to slow the runoff, hay be placed on a steep

uncovered slope and that litter fencing and hay be placed along the roadway into cell 4. These issues were all addressed by my next site visit.

**Leachate Management:** Both leachate impoundments were in service during the month and leachate levels were maintained at approximately 9-11 feet.

**Other:** Conditions were muddy during the month and silt tracked onto Herdman and Peacock Hill Roads.

On January 27, JM participated in telephone discussions regarding disposal of solid waste originating from water treatment of Marcellus shale production water.

A DVD transmittal of the leachate line cleaning of lines in Cells 1-3 was received but it was unable to be viewed. The DVD was replaced.

**Cell 4:** On January 6, we received e-mail that the leachate collection lines had been inspected and there were no blockages. On January 31, approval to use Cell 4 was granted Hyland via e-mail.

### **Environmental Issues**

**Odor Complaints:** Odor complaints were received from two individuals. A resident living on Golden Acres Drive, in an exchange of e-mails, cited odors along the interstate (1/9/12) and at his residence (1/16/12). I was unable to confirm presence of landfill odors on subsequent visits; however, faint odors were detected in these areas at other times. The second complaint was to the 1-800-TIPPDEC line on 1/23/12 regarding strong odors on Main Street across from the bank. It was determined that the source was a leaking natural gas main located directly across the street from the bank. The complainant was informed of the findings.

**South Slope Issues:** There has been no material physical change in the conditions on the south slope. Cover had been placed over the stone along the Cell 3/Cell 4 tie-in to minimize atmospheric venting. Leachate breakouts below the drainage trench were worked over with additional cover soil and compression. The success of these efforts is difficult to gauge.

### **Areas of Concern**

- The south slope remains the major concern with leachate breakouts, an interception trench and sump, surface gas vents and incomplete intermediate cover.
- Leachate inventory remains more than 50% capacity.
- Though leachate impoundment levels are kept in check, greater freeboard is recommended.
- Dates to complete remedial work and application of intermediate cover needs to be set.

DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 1/5/12 2<sup>00</sup> - 4<sup>00</sup> pm  
Weather Overcast / 100% Cloud cover, ~30°, SW wind, snow cover  
Inspector John Munn

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Gas venting from south slope - odor concerns.  
Complete repair of Cell 1 A/B Secondary pump.

OBSERVATIONS/ CONCERNS/PROGRESS

Litter is under control.

No tracking seen.

Odors on Peacock Hill @ Cell tower +  
~200' to the north.

This form given to: Terry Luna

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 1/11/12 1:45 pm  
Weather Overcast / Clouding up. ~40°F  
Inspector John Munn

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

Work on South Slope to reduce odors,  
address leachate seeps.

## OBSERVATIONS/ CONCERNS/PROGRESS

- Cover being placed at top of south slope to push downhill over south slope to cover drill cuttings & shed water
  - Soil has been placed over south slope leachate seeps. more to be placed / pushed.
  - Kel-kem is working on a hard wired electrical supply to feed power to south slope pumps so pumps can run overnight in leachate wells. (to replace gas generator power)
  - pipe is staged for leachate drainage line for south slope
  - Terra fix will be here Thurs, 1/12/12 to lay tarp.
  - Still pumping wells
  - Standing pools of leachate have been filled & surface w/ exposed trash is to be covered.
- Litter was being picked up - some areas need attention.

This form given to:

Terry Luan

DAILY INSPECTION REPORT

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

Date 7/11/12 Time 2:45 pm

Inspector John Mann

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	11.5		14.4		8.3		9.2		20.7		8.6	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	
	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H		Notes: Cell 1 groundwater pumped down manually. High level light then off.					
Reading	131.4		-3.6		13.0							
	Hi	Lo	Hi	Lo	Hi	Lo						
Limit	20"	8"	21.2"	8.6"	12"	8"						

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	1.6	Bubbler	13.2	Bubbler	11.8	Bubbler	4.3 <del>10.2</del>	Bubbler	10.2	Bubbler	5.8
	Flow Control	1.7	Flow Control	13.7	Flow Control	12.1	Flow Control	4.2	Flow Control	10.2	Flow Control	5.7
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	11.6	(Stick is 16")		Bay 2 Estimate			
Limit	20"	12"	20"	12"								

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



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 <i>Hyland Landfill</i>		LOCATION <i>Ameplice NY</i>		FACILITY NO. <i>025170</i>	DATE <i>12/01/2012</i>	TIME <i>1300</i>
INSPECTOR'S NAME <i>John Moran</i>			CODE	PERSONS INTERVIEWED AND TITLES		
REGION	SHEET OF	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input type="checkbox"/> No	WEATHER CONDITIONS <i>Overcast / Light Snow, TEM</i>		UNDER ORDER <input type="checkbox"/> Yes <input type="checkbox"/> No	

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

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

Arrive Ameplice @ 11<sup>00</sup> from West. Light snowfall, overcast, ~20F, SW winds  
CR16 → CR20 → Brooklyn Ave → West Ave → CR10 → Elizabeth St →  
Center St → Allegany Av. → Red Road Av. → Peacock Hill → CR16 → CR2  
(return) to CR16 → Golden Acres Rd. → CR16 → Peacock Hill → Herdman  
No off-site odors noted. Hyland flag is still. No odors @ office.

Litter control fence (6') along top of N slope. Poles in place.

Improvements - Bay 1 @ 11-3, Bay 2 @ 10-2

Some litter accumulated - but litter pickup was done - litter bags needed to be picked up.

Odors on east slope from gas wells in process of being capped - will be capped today by Kenny

South slope - tires + waste @ drainage sump have been picked up -

Site covered w/ ~ 3-4" of snow. Working on top of cell 2. (E+F)

No problems noted.

Terrafix is placing tarp on Cell 4.

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

*John Moran*  
Inspector's Signature

Terry Lunn  
Individual in Responsible Charge [Please print]

Signature

Date

# DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 1/24/12, 11<sup>50</sup> AM → 3<sup>20</sup> PM  
Weather OVERCAST, LIGHT SNOW FLURRIES, ~30°  
Inspector JOHN MUNN

## ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

- COVER NEEDED ON SOUTH SLOPE, WEST SIDE TO MIDDLE.
- LITTER PICKUP NEEDED, DOZENS OF BAGS PICKED UP - MORE TO DO
- LEACHATE LEVELS ARE RELATIVELY HIGH (11.3/9.8')
- CELL 2 SECONDARY ~~GROUNDWATER~~ <sup>LEACHATE</sup> @ >20"

## OBSERVATIONS/ CONCERNS/PROGRESS

BASED ON ODOR COMPLAINT RECEIVED 1/23/12 @ 2PM. INVESTIGATED ISSUE. 1/23 - INCONCLUSIVE DETERMINATION OF SOURCE OF ODOR @ BANK ON MAIN ST. ON 1/24, @ 11<sup>50</sup> - 1<sup>20</sup> INVESTIGATED / SOUGHT SOURCE OF ODORS. ON 1/24, DETERMINED POSITIVELY THAT SOURCE ON 1/23 WAS LEAKING GAS MAIN. GAS CO. HAD SIDEWALK TORN OPEN ACROSS ST. FROM BANK TO REPAIR. LANDFILL ODORS (NOT STRONG) ON PEACOCK HILL, ABOUT 100'-200' NORTH OF CELL TOWER. NO OTHER ODORS NOTED IN TOWN / OFF SITE. AREAS SEARCHED WERE EAST/WEST OF VILLAGE, CR 20, AND CR 16 TO CR 2, AND PEACOCK HILL TO <sup>HOUSE ON FEET BEYOND THE</sup> CELL TOWER.

LITTER ON N. SLOPE

VENTING ON SOUTH SLOPE. NO LEACHATE SEEPS OBVIOUS. MUDDY CONDITIONS - AREAS WHERE SOIL MUDDY FROM WEEPS ON S SLOPE TERRAFIX IS APPLYING RAIN TARP.

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 1/24/12

Time 1:45pm

Inspector John Murray

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	13.7		14.0		7.8		9.2		20.0		21.9	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H		Notes: Cell 1 groundwater being pumped
Reading	162.0		-0.7		13.1		
	Hi	Lo	Hi	Lo	Hi	Lo	
Limit	20"	8"	21.2"	8.6"	12"	8"	

	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
Reading	Bubbler	1.8	Bubbler	14.6	Bubbler	11.3	Bubbler	<del>7.9</del>	Bubbler	9.8	Bubbler	6.0
	Flow Control	1.9	Flow Control	15.1	Flow Control	11.6	Flow Control	3.8	Flow Control	<del>9.8</del>	Flow Control	5.8
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	11.0 <del>11.0</del>	(Stick is 16')		Bay 2 Estimate	10		
Limit	20"	12"	20"	12"								

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



DAILY INSPECTION REPORT

Facility Hyland Landfill  
Date & Time 1/31/2012 10<sup>00</sup> - 3<sup>00</sup> pm  
Weather Overcast, 40°, Snow cover melting rapidly  
Inspector John Mann, Kevin Hunt

ISSUES REQUIRING ATTENTION/CORRECTIVE ACTION

South slope has exposed waste

OBSERVATIONS/ CONCERNS/PROGRESS

Surface water runoff from snowmelt has lots of  
~~loose~~ sediment. Erosion controls need to be  
looked at - especially for cell 4 construction  
areas. Keep on top of cell 4 stormwater pumping.  
Hay bales / check dams needed in areas to  
slow runoff,  $\frac{1}{3}$  reduce turbidity  
- over

This form given to: \_\_\_\_\_

Concerns w/ litter control as cell 4 is opened.

Roadway runs along temporary stormwater basins.

Also concerned w/ roadway mud runoff into basins - turbidity concerns. (Surface water contamination from litter / runoff)

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

Date \_\_\_\_\_ Time \_\_\_\_\_ Inspector \_\_\_\_\_

	Cell 1 Primary		Cell 2 Primary		Cell 1 Secondary A/B		Cell 1 Secondary C/D		Cell 2 Secondary E/F		Cell 2 Secondary G/H	
Reading	18.5		14.1		7.0		9.2		19.3		14.1	
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo
Limit	20"	8"	21.2"	8.6"	12"	8"	12"	8"	12"	8"	12"	8"
Alarm Set	24"		23.6"		20"		20"		20"		20"	

	Cell 1 Groundwater		Cell 2 Groundwater E/F		Cell 2 Groundwater G/H		Notes: Air blowing out of Cell 1 Primary fitting - Cell 1 Sec. C/D pumping 0.6 gpm - no flow seen @ Cell 1 Primary riser. Cell 1 primary has no flow on meter. Cell 2 primary meter shows flow but no sound of flow.
Reading	32.0		-3.1		8.8		
	Hi	Lo	Hi	Lo	Hi	Lo	
Limit	20"	8"	21.2"	8.6"	12"	8"	

Reading	Cell 3 Primary		Cell 3 Secondary		Bay 1 Primary		Bay 1 Secondary		Bay 2 Primary		Bay 2 Secondary	
	Bubbler	13.6	Bubbler	13.3	Bubbler	11.5	Bubbler	4.3	Bubbler	9.4	Bubbler	5.2
	Flow Control	13.17	Flow Control	13.8	Flow Control	11.8	Flow Control	4.1	Flow Control	9.3	Flow Control	5.8
	Hi	Lo	Hi	Lo	Bay 1 Stick Measure	11-6	(Stick is 16')		Bay 2 Estimate			
Limit	20"	12"	20"	12"								

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

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

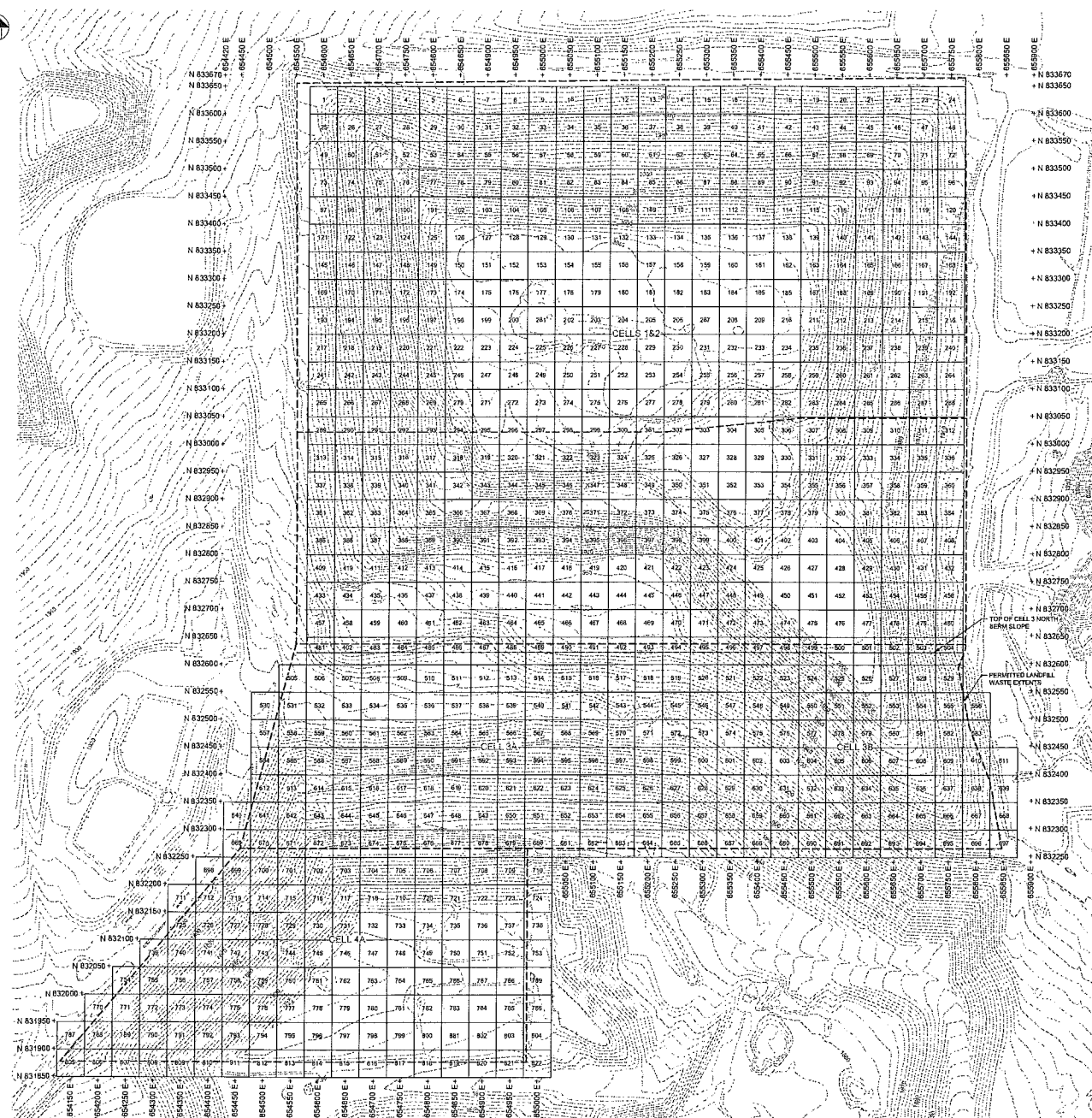
Leachate Impoundment Warning Lights (check if lit)	AC Power Failure	High Level	Low Level	Loadout Inhibit	Bay 1 Primary	Bay 1 Secondary	
Bay 2 Primary	Bay 2 Secondary	Station Leak	Pump Fault	Loadout Overfill	Heat trace Fault	SRB Flood	Discharge Alarm

Cell 4 Prim <sup>n</sup>	Cell 4 Sec <sup>n</sup>	Cell 5 Prim <sup>n</sup>	Cell 5A-B Sec <sup>n</sup>	Cell 5 C-E Sec <sup>n</sup>
16.9	2.8	-34.7	-34.6	-34.7

Cell 4	Cell 5	AC Fail	High Level	Low Level	Pump Inhib.
✓				✓	

Prim <sup>n</sup>	Second	Leak Detect	Mainline Flood	Pump Fault	Heat Trace
✓	✓			✓	

Unable to see lights in strong daylight



**LEGEND**

- EXISTING GROUND CONTOURS (SEE NOTE 1)
- PERMITTED LANDFILL WASTE EXTENTS
- TOP OF CELL 3 NORTH BERM SLOPE

Note:  
1. Base map compiled by Aero-Metric, Inc. using photogrammetric methods from aerial photography dated November 2, 2011.

**WASTE PLACEMENT PLAN**  
SCALE: 1" = 80'

**McMahon & Mann**  
Consulting Engineers, P.C.  
200 MAIN STREET, SUITE 403  
BUFFALO, NY 14203  
PHONE: (716) 844-8800  
FAX: (716) 844-8804

REV 1
REV 2
REV 3
REV 4
REV 5
REV 6

**HYLAND FACILITY -  
WASTE PLACEMENT PLAN**

ALLEGANY COUNTY      NEW YORK

DRAWN BY: C.R.G.  
DESIGNED BY: A.J.K.  
CHECKED BY: A.J.K.  
SCALE: 1" = 80'  
DATE: JANUARY 2012  
JOB NO. 93-082  
SHEET 1  
DWG. NO. 93002-599  
REVISION NUMBER - 0