

02S17 Hyland Landfill
Monitor Rpt 2006-2007

MH/KH/ File
NPH/

UL
~~Releasable~~ X
~~Non-Releasable~~ 07517

MONITORING REPORT

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: July 22, 2008
REPORTING PERIOD: December 2007
FACILITY MONITOR: Richard Stroh RRS
DAYS AT SITE: 12/3, 12/11 and 12/26

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated December 26, 2007 is attached for this report period. A violation was cited for failure to monitor and control decomposition gases. It was noted that the gas flare was shutting down on weekends. It was written that there was much litter on the north slope and at the toe of the north and east litter control fences. It was noted that a crew was picking litter. It was stated that cover was needed on the upper south slope and upper west slope. It was noted that Cell 1 primary pump was frozen.

Municipal waste, industrial trash and demolition debris were unloaded on top of the landfill. The waste was pushed to the lift face by a bulldozer where it was spread and processed by a compactor. Cover was scraped off the floor of the landfill, was mixed with waste and was placed on the upper west and north slopes of the landfill. A concern was expressed on a Daily Inspection Report (DIR) given to the landfill supervisor that the cover could not be reused on the outside slope of the landfill. The monitor was informed that fresh soil would be used to cover the material. A copy of the 12/11 DIR is attached. The lift was filled by the middle of the month. Waste was unloaded at the upper southeast corner of the landfill then pushed down the south and east slopes, filling inside the entrance ramp. Soil was removed from the slopes to

place the waste in a vertical lift. It was observed late in the month that cover was thin on the west and south slopes. Processed demolition debris and processed tire chips were received for use as daily cover. Rock removed from the mitigation area east of the site entrance was used to widen the entrance road at the southeast turn and south end of the landfill. There were many seagulls in the landfill.

Paper and plastic debris blew out of the operating landfill onto the north slope, the north perimeter road, collecting on the north and east litter control fences and into the wooded area northeast of the landfill. A crew picked up many bags of debris but had trouble keeping up with the litter.

At the beginning of the month sump pumps operated normally. On 12/11 it was observed that the level in Cell 1 primary sump was 152.0 inches, the level in Cell 2 primary sump was 35.0 inches and the level in Cell 2 E/F groundwater sump (in the manual mode) was 35.7 inches. A light was activated for the vault floor. A concern was expressed on the DIR about the primary sumps. The Department monitor was informed that the vault floor of the pump house had flooded because water seeped in at the new leachate line penetration of the west wall. Leachate pumps were inhibited due to the flooded vault. On 12/26 it was observed that the level in Cell 1 primary sump was 1, the level in Cell 2 primary sump was 54.8 inches and the level in Cell 1 C/D secondary sump was -31.6 inches. The pumps for the sumps had been turned off. The Department monitor was informed that the switch of Cell 1 primary sump was burned out and the pump in Cell 1 C/D secondary sump had overpumped due to a malfunctioning transducer. The levels in the leachate storage tanks were observed to be 18.5 to 22.0 feet.

The gas flare operated during the month with a flow of 1,500 SCFM. An inspection of the flow chart of 12/12 through 12/18 indicated that the gas flare shut down on the evening of Saturday 12/15 through Monday morning 12/17. An inspection of the flow chart of 12/19 through 12/25 indicated that the gas flare shut down the evening of Saturday 12/22 through Monday morning 12/24, running for three hours on Sunday. A copy of the flow chart is attached. Odor complaints were received on 12/7 and 12/18.

Construction work continued for landfill expansion. Pumps were installed in Cell 3 sumps and plumbing connections were

made. Plumbing was completed at the loadout building and the loadout arm was installed. The South Impoundment Pond was filled to the leachate influent pipe. A high leakage rate was not observed. Fencing was installed on the south and west sides of the impoundment ponds. A culvert pipe was placed by the pump house of Cells 1 and 2 and the area was backfilled. The action leakage rate (ALR) analysis of Cell 3A was completed on 12/3. The average flow from 11/2 was 2.2 gallons per acre per day which meets the requirement of Subpart 360-2.13(u). A large storm water pond remained in Cell 3A during the analysis.

Construction also continued at the Landfill Gas To Energy (LFGTE) Plant. All doors were installed. Three engines were installed. The cooling fans and mufflers were installed. Plumbing connections were made for the engines. Control panels were installed.

A consultant took samples for the fourth quarter monitoring analysis in the middle of the month.

AREAS OF CONCERN

High levels were observed in the primary sumps.

The gas flare shut down during the month.

AREAS OF PROGRESS

Cell 3A passed the ALR analysis.

Plumbing was completed for the landfill expansion.

Engines were installed at the LFGTE plant.

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 HIGHLAND LANDFILL		LOCATION ANGELICA	FACILITY NUMBER 025117	DATE 12/26/01	TIME 16:00
INSPECTOR'S NAME RICHARD R. STROH		CODE M	PERSONS INTERVIEWED AND TITLES		
REGION 9	WEATHER CONDITIONS CLOUDY, COLD		DEC PERMIT NUMBER 9-0232-101010311000021		
SHEET ___ OF ___	CONTINUATION SHEET ATTACHED <input 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"/> | NI | <input type="checkbox"/> | V | FACILITY MANAGEMENT |
| <input type="checkbox"/> | <input 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"/> | <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"/> | <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"/> | <input type="checkbox"/> | b. Control Program. 360-1.14(e)(1). |
| <input checked="" type="checkbox"/> | <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 checked="" type="checkbox"/> | <input 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"/> | <input type="checkbox"/> | e. Whole Tires. 36-0-2.17(v). |
| <input checked="" type="checkbox"/> | <input 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"/> | <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"/> | <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"/> | <input type="checkbox"/> | b. Adequate Equipment. 360-1.14(f)(2). |
| <input type="checkbox"/> | <input 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"/> | <input type="checkbox"/> | a. Unauthorized Solid Waste Records. 360-1.14(i)(1). |
| <input checked="" type="checkbox"/> | <input 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"/> | <input type="checkbox"/> | c. Permit Application Records. 360-1.14(i)(3). |
| <input checked="" type="checkbox"/> | <input 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"/> | <input type="checkbox"/> | e. Facility Operator Records. 360-1.14(u)(1). |
| <input checked="" type="checkbox"/> | <input 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"/> | <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"/> | <input type="checkbox"/> | h. Asbestos Waste Site Plan. 360-2.17(p)(2). |
| <input checked="" type="checkbox"/> | <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"/> | <input type="checkbox"/> | OPERATION CONTROL |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(j). MUCH LITTER ON NORTH SLOPE AND AT TUE OF |
| <input checked="" type="checkbox"/> | <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). NORTH AND EAST LITTER |
| <input checked="" type="checkbox"/> | <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). CONTROL FENCES, CREW |
| <input checked="" type="checkbox"/> | <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). PICKING LITTER |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | WATER |
| <input checked="" type="checkbox"/> | <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 checked="" type="checkbox"/> | <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"/> | <input type="checkbox"/> | ACCESS |
| <input checked="" type="checkbox"/> | <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 checked="" type="checkbox"/> | <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"/> | <input type="checkbox"/> | WASTE HANDLING |
| <input checked="" type="checkbox"/> | <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 checked="" type="checkbox"/> | <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 checked="" type="checkbox"/> | <input 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"/> | <input type="checkbox"/> | a. Stabilized/Dewatered Sludges. 360-2.17(n). |
| <input checked="" type="checkbox"/> | <input 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"/> | <input type="checkbox"/> | c. Tanks. 360-2.17(r). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | COVER |
| <input checked="" type="checkbox"/> | <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 BELOW vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c). |
| <input checked="" type="checkbox"/> | <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"/> | <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 checked="" type="checkbox"/> | <input type="checkbox"/> | MONITORING |
| <input checked="" type="checkbox"/> | <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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 20. Decomposition gases are monitored and controlled. 360-2.17(f); 360-8.3(c). GAS FLARE SHUTTING DOWN ON WEEKENDS |
| | | | | OTHER
On Continuation Sheet identify any other violations. |

16. COVER NEEDED ON UPPER SOUTH SLOPE AND UPPER WEST SLOPE
CELL 1 PRIMARY PUMP FROZEN

Richard R. Stroh
Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.
Joseph R. Boyle
Individual in Responsible Charge (Please print)
J. Boyle
Signature
Date

DAILY INSPECTION REPORT

FACILITY: HYLAND LANDFILL

DATE & TIME: 12/11/07 13:30

WEATHER CONDITIONS: COLD, RAIN, SOUTHEAST WIND 10-20MPH

INSPECTOR'S NAME: RICHARD STROH

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

COVER SCRAPED OFF LIFT AT NORTH WEST CORNER OF THE LANDFILL CONTAINS WASTE. THIS COVER CAN NOT BE USED ON THE OUTSIDE SLOPE OF THE LANDFILL.

LEVEL IN CELL 1 PRIMARY SUMP WAS 152.0 INCHES

LEVEL IN CELL 2 PRIMARY SUMP WAS 35.0 INCHES

This form given to: TERRY LUNN

MH/KH/File
MSH (initials)

MONITORING REPORT

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: June 18, 2008
REPORTING PERIOD: November 2007
FACILITY MONITOR: Richard Stroh ARS
DAYS AT SITE: 11/14, 11/19 and 11/28

OIL
~~Releasable~~ X 02517
~~non-Releasable~~

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated December 3, 2007 is attached for this report period. There were no violations cited. It was noted that snow prevented a thorough inspection. It was also noted that construction on Cell 3 and related structures continued. It was stated that trucks had to be towed in certain locations. It was written that there was some windblown litter due to high winds.

Municipal waste, demolition debris and industrial trash were unloaded on top of the landfill. This waste was mixed with waste water treatment plant sludge. The waste was placed in a new lift which advanced across the landfill during the month. Another lift was begun at the east end of the landfill at the end of the month. Waste was processed on top of the lift then pushed off the lift edge. The waste was not compacted on the lift face. A concern was expressed on a Daily Inspection Report given to the facility engineer on 11/14. It was written that the layers should be two feet or less in thickness. It was stated that the compactor should make three passes over the waste per Subpart 360-2.17(b)(1). The DIR is attached. On 11/19 it was observed that no compactor was in use in the landfill. The main compactor was undergoing repair of a fluid line and the spare compactor was idle in the landfill with a broken drive shaft. A concern was expressed in a Daily Inspection Report given to the landfill manager. It is

attached. Processed demolition debris and shredded tires were used for cover on the face of the lift. Processed demolition debris was stockpiled in the landfill for later use as alternate daily cover. Soil was placed on the top and outside slopes of the lift. On 11/28 a concern was expressed to the landfill supervisor that cover was needed on the upper south slope above the entrance ramp. Soil was placed later in the day. Trucks were towed into the landfill. Processed demolition debris was spread on the floor of the landfill to provide a better driving surface for trucks. There were many seagulls in the landfill.

Portable fences were deployed at the operating area of the landfill on 11/14 to collect paper and plastic debris. A crew placed a fence at the north edge of the top of the landfill. A crew picked up litter which blew onto the north slope of the landfill. The litter control fences north and east of the landfill were observed to be clean on 11/19. The fence on top of the landfill had been knocked down on 11/28. Litter was seen at both litter control fences and the toe of the north slope at the east end. A concern was expressed to the landfill supervisor. A sweeper cleaned Herdman Hill and Peacock Hill Roads.

Levels in the sumps of Cells 1 and 2 were observed to be below the pump activation levels. On 11/14 the light had been activated for Cell 2 G/H groundwater sump with a level of 6.9 inches. A concern was expressed on the DIR. Levels in the leachate holding tanks were observed to be in the range of 15.0 to 21.8 feet. The Regional Solids Material Engineer approved delaying the annual cleaning of the tanks until they are taken out of service early next year. On 11/14 it was observed that the groundwater level in the standpipes at the containment area was one foot below the ground surface. Pumping of the water from the standpipes was requested on the DIR. Water was observed on the floor of the vault in the containment area on 11/19. Pumping of water from the vault was requested on the DIR. The monitor was informed that a new sump pump had been purchased for the vault.

The gas flare operated during the month. The recording chart indicated that the gas flare was down on 11/6, 11/7 and 11/9. The gas collection rate was increased. The gas flow was observed to be in the range of 1,415 to 1,600 SCFM. The facility was notified that odor complaints had been received on

11/3, 11/5 and 11/7. A landfill gas odor was observed the morning of 11/14. Additional soil cover was placed to address the odor.

Construction work continued for landfill expansion. Leachate transmission lines were completed at Cell 3 pump house. A groove was cut in the floor of the pump house to drain spilled leachate back to Cell 3A. The floor was coated with epoxy paint. Concrete was poured for the south apron to the loadout pad to replace the apron cracked by heavy equipment. The concrete runoffs were poured at the southeast and northeast corners of the north and south impoundment ponds respectively for the leachate discharge to the ponds. Leachate transmission lines were completed at the impoundment ponds. A double contained leachate transmission line was run from Leak Station #1 to Cells 1 and 2 pump house. A hole was drilled in the west wall of the pump house foundation to pass the leachate line through. The access road to the impoundment ponds loadout station was graded and compacted. A drainage ditch was constructed at the toe of the west slope of Cell 1. The south berm of Detention Basin #1 was repaired near the outfall. The first eighteen inches of rock were broken from the mitigation area east of the site entrance.

A leak was discovered in the north impoundment pond when water was placed in it. Upon inspection it was determined that a bulldozer cleat had damaged the liner at the northwest corner. Terrafix, the geosynthetics contractor, repaired the liner. Filling of the north impoundment pond with water from the Temporary Basin was resumed. The Action Leakage Rate analysis of Cell 3A began on 11/12.

A monitoring meeting was held on 11/14. The Department Engineering Geologist requested additional sampling data from wells 38A, 41A and 42A before Cell 3A is placed in service. It was agreed to install overburden wells for Cell 4 to allow sufficient purge time. A low yield is expected for these wells. Gas probes #11 and #13 were to be installed west of Cell 3A. The monitor requested sampling the wells before Cell 3A is placed in service. There was a discussion on laboratory results.

Construction continued on the landfill gas to energy (LFGTE) plant. The condensate tank and transmission lines were installed. Walls were completed. Roof rafters and panels were

installed. Concrete was poured for the floors and outside pads. Four towers for engine cooling and exhaust mufflers were installed at the east wall.

AREAS OF CONCERN

There was poor compaction of waste in the landfill.

AREAS OF PROGRESS

The gas collection rate was increased in the landfill.

Construction advanced on the Landfill Gas to Energy Plant.

DAILY INSPECTION REPORT

FACILITY: HIGHLAND LANDFILL

DATE & TIME: 11/14/07 16:00

WEATHER CONDITIONS: CLOUDY, COOL, SW WIND 10-20 MPH

INSPECTOR'S NAME: RICHARD STACH

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

POOR COMPACTION ON FACE OF LIFT, WASTE IS PUSHED OFF TOP OF LIFT AND NOT EFFECTIVELY COMPACTED. LAYERS ARE TOO THICK. LAYERS SHOULD BE 2 FEET OR LESS IN THICKNESS, COMPACTOR SHOULD MAKE THREE PASSES OVER THE WASTE PER SUBPART 360-2.10(b)(1).

LIGHT IS ACTIVATED FOR CELL 2 G/H GROUNDWATER SUMP, LEVEL WAS 6.9 INCHES

GROUNDWATER SHOULD BE PUMPED OUT OF STANDPIPES AT THE CONTAINMENT AREA

This form given to: JOSEPH BOYLES

DAILY INSPECTION REPORT

FACILITY: HYLAND LANDFILL

DATE & TIME: NOVEMBER 19, 2007 16:00

WEATHER CONDITIONS: CLOUDY, COOL, SOUTH WIND 10-20 MPH

INSPECTOR'S NAME: RICHARD R. STROH

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

THERE WAS NO COMPACTOR IN SERVICE AT MY ARRIVAL. THE MAIN COMPACTOR WAS UNDERGOING REPAIR OF FLUID LINE ^{RAS} ~~MAJOR REPAIR~~. THE SPARE COMPACTOR WAS IDLE ^{DRIVE SHAFT RAS} IN THE LANDFILL WITH A BROKEN ~~FLUID LINE~~. THE MAIN COMPACTOR RETURNED TO SERVICE LATE IN THE AFTERNOON.

NEED TO PUMP WATER FROM THE VAULT AT THE LEACHATE CONTAINMENT AREA,

This form given to: JERRY HAGAN



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 Facility</i>		LOCATION <i>Henderson Rd. Amherst</i>	FACILITY NUMBER <i>02517</i>	DATE <i>12/30/15</i>	TIME <i>1:50P</i>
INSPECTOR'S NAME <i>Kevin Hartz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES <i>Jerry Hagan, Landfill manager</i>		
REGION <i>9</i>	WEATHER CONDITIONS <i>Snowy, windy, 20's</i>		DEC PERMIT NUMBER <i>9-0232-0000300002</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.

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PART 360 PERMIT ORDER ON CONSENT EXEMPT COMPLAINT

- | | | | |
|-------------------------------------|--------------------------|--------------------------|---|
| C | NI | V | FACILITY MANAGEMENT |
| <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 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). |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | e. Whole Tires. 36-0-2.17(v). |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | f. Lead Acid Batteries. 360-2.17(w). <i>NOT ACCEPTED</i> |
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| <input 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(f)(1). |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b. Self Inspection Records. 360-1.14(f)(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(f)(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(a). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | OPERATION CONTROL |
| <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 type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | WATER |
| <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); 360-2.1.7(g). |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ACCESS |
| <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). <i>TRUCKS HAD TO BE TOLD IN CERTAIN LOCATIONS.</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | WASTE HANDLING |
| <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). <i>NOT ACCEPTED</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | c. Tanks. 360-2.17(r). |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | COVER |
| <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 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 IN PLACE YET.</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MONITORING |
| <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)(f). |
| <input 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. |

NOT INSPECTED THIS TIME

Some windblown litter due to high winds.

*1) SNOW PREVENTED A THOROUGH INSPECTION
2) CONSTRUCTION ON CELL 3 AND RELATED STRUCTURE CONTINUES.
3) SOME WIND BLOWN WASTE DUE TO HIGH WINDS.
Overall in good shape despite the weather.*

Inspector's Signature
Kevin Hartz

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.
Jerry Hagan
Individual in Responsible Charge (Please print)
Jerry Hagan
Signature Date

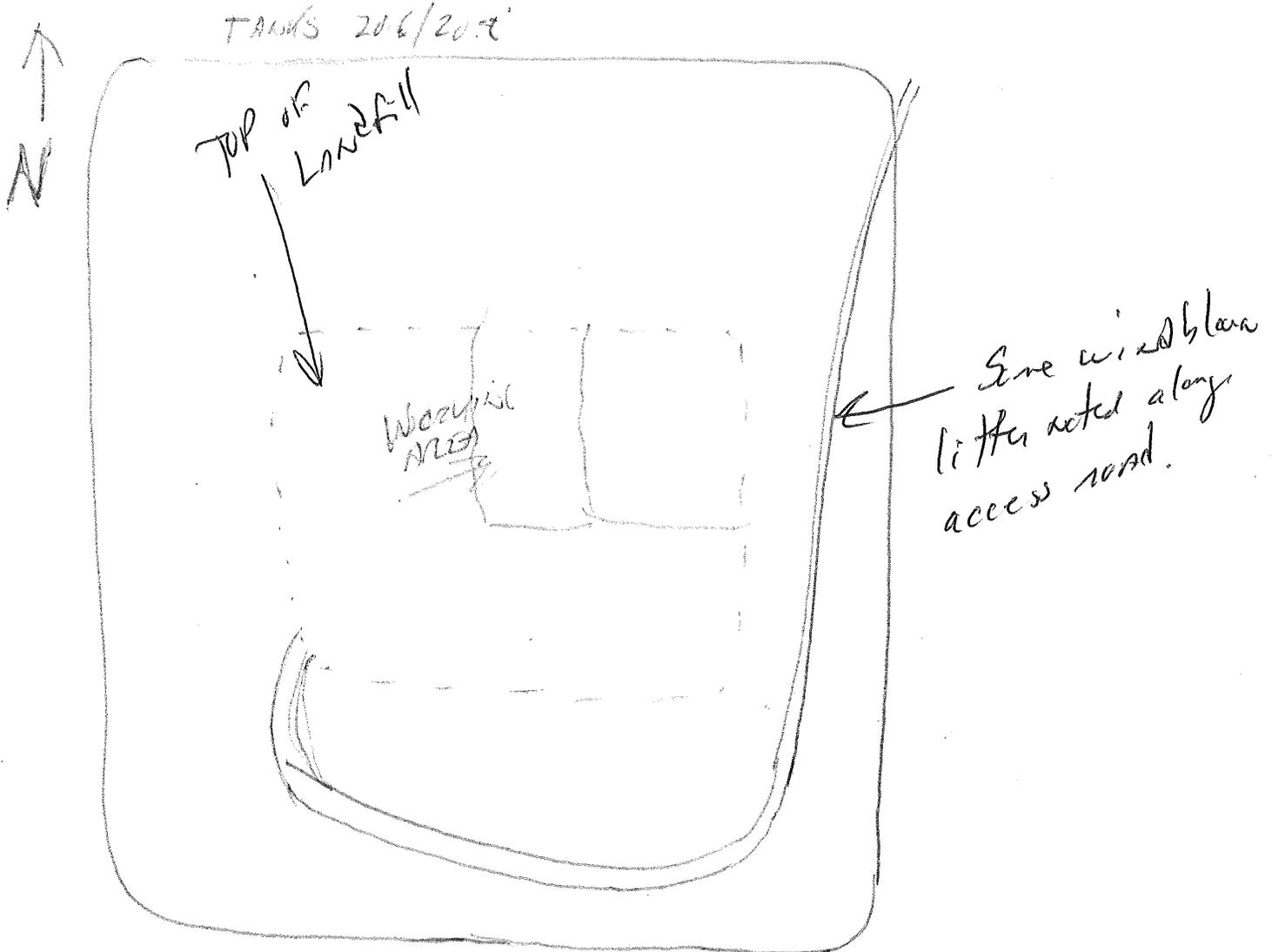


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PINK COPY	Facility
GREEN COPY	Inspector

SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT
Continuation Sheet

FACILITY NAME <i>Hyland Facility</i>		LOCATION <i>Henderson Rd. Argyle</i>		FACILITY NUMBER <i>02517</i>	DATE <i>1/20/03</i>	TIME <i>1:50p</i>
INSPECTOR'S NAME <i>K. Hintz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES			
REGION <i>9</i>	WEATHER CONDITIONS <i>Sunny, windy, 20's.</i>		DEC PERMIT NUMBER			
SHEET	CONTINUATION SHEET ATTACHED		PART(S) 360-			
OF	<input type="checkbox"/> Yes <input type="checkbox"/> No		Attached			

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



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

Individual in Responsible Charge (Please print)

Inspector's Signature

Signature

Date

MH/KH/ File
MH

MONITORING REPORT

FOI

Releasable

X 02517

~~Non-Releasable~~

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: April 28, 2008
REPORTING PERIOD: October 2007
FACILITY MONITOR: Richard Stroh RRS
DAYS AT SITE: 10/3, 10/5, 10/10, 10/17, 10/19, 10/24 and
10/31

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated October 31, 2007 is attached for this report period. There were no violations cited. It was written that better dust control was needed in the landfill. It was stated that unscheduled drums had been received. It was noted that a crew was picking litter on the north slope.

Municipal waste and demolition debris were unloaded on top of the landfill. The waste was pushed to the lift face by a bulldozer and was processed by a compactor. Tires were removed from receipts. On 10/24 the Department monitor observed that the waste was spread in a thick layer and that compaction was poor. A concern was expressed on a Daily Inspection Report (DIR) given to the Landfill Manager. It was written that better waste handling procedures were needed and the compactor was inefficiently used to process waste. It was stated that waste layers were too thick to process. It was written that waste layers should be less than two feet and that the compactor must make three passes to effectively compact waste per Subpart 360-2.17(b)(1). A copy of the DIR is attached. The lift continued across the landfill to the east end. A berm was built below the operating area when the elevation of the north and east slopes was increased. On 10/31 drums of grinding waste were received from Fairway Spring Company

(SWA#264). Their shipment had not been scheduled and the waste had been approved for one time only on November 8, 2004. The Department monitor inspected the waste, found it acceptable to dispose and approved receipt of the material. The drums were pushed to the lift face and were crushed. Processed demolition debris was used to cover the face of the lift. Processed demolition debris was stockpiled in the landfill for use as alternate daily cover (ADC). Processed demolition debris from Recycle Depot (SWA#1536) was inspected on 10/17 and it was approved for use as ADC. A load of processed tires from Fortino Tire Abatement (SWA#1572) was inspected on 10/31 and the material was approved for use as ADC. Cover on the top of the east slope was improved early in the month to address a concern. A Department engineer expressed a concern about exposed waste in spots of the upper cover on 10/10. Additional soil was placed to address the concern. On 10/24 the Department monitor observed that demolition debris had been placed on the south slope of the upper landfill. A concern was expressed on the DIR that cover was needed on the upper south slope. The area was covered by the next inspection. Soil from the east mitigation area and the west stockpile was used to cover the top of the lift and the outside slopes. Additional rock material was placed on the east slope to widen the ramp. The entrance to the upper area of the landfill was moved to the south end of Cell 2 E/F. A compactor which broke down early last month has been rebuilt. A loaned unit was sent to another facility. The spare compactor, in repair for two months, was returned to service at the end of the month. A crew picked litter off the north and east slopes of the landfill. The landfill was observed to be dry and dusty. There were many seagulls in the landfill.

The transducer was replaced in Cell 2 primary sump the first week of the month. This corrected the flow control for the sump. A fitting was replaced at Cell 2 G/H secondary sump because it had developed a hole. The pumps were in the automatic mode the last three weeks of the month and operated normally. Global Environmental Industrial arrived on site on 10/19 to camera inspect the leachate collection lines. The crew did have a recording device so they left the site. Levels in the leachate storage tanks were observed to be in the range of 16.5 feet to 27.4 feet. Leachate was routinely transferred to a tanker and sent for disposal.

The gas flare operated during the month. A new flow meter was installed in the middle of the month and it indicated a flow of 750 SCFM, slightly higher than previous readings. A Department engineer questioned whether the meter had been calibrated properly as the flow appeared to be low. Consultant CRA measured the flow and determined that the flow was 1230 SCFM. An electrician calibrated the meter. The flow readout at the end of the month was observed to be 1250 SCFM. The flare unit was winterized at the end of the month.

A contractor drilled a water service well southeast of the truck detarping area. The water will supply a future truck wash. A worker was hired to control dust on Herman Road.

Construction work continued. Rip rap was placed in the drainage ditch which flows to Detention Basin #1. Sluice gates were installed in Detention Basins #1 and #4. Level stakes were placed in Detention Basins #1, #2 and #3. Aquatic plants were planted in Detention Basins #1, #2 and #3. The mitigation channel was completed. Seven check dams were placed in the channel to satisfy a condition of the US Army Corps of Engineers permit. The banks of the channel were hydroseeded with wetland grasses. Vegetation sprouted in Detention Basins #3 and #4. Fertilizer was spread on the berms of Detention Basin #2. The drainage ditch which flows to the Temporary Basin was completed. Erosion on the east berm of the Temporary Basin was repaired. The east road to the leachate loadout area was cut and a new road was constructed. A Department engineer expressed a concern at the 10/17 construction meeting that dust control was insufficient. An improved effort by the contractor was observed.

The primary high density polyethylene (HDPE) geomembrane liner was placed in the impoundment areas. The liner was inspected by the Department monitor. A lump was found beneath a panel on the west berm of the north impoundment pond. The construction engineer was informed. The area was inspected and a sand bag was removed. Cushion nonwoven geotextile was placed. A perforated sump pipe and solid riser pipe were installed in each impoundment pond with geocomposite clay liner and another layer of HDPE geomembrane liner placed in the sump area. A boot was placed and welded over each riser pipe. Drainage stone was spread over the floor and berms of the impoundment areas. An air bubble developed at the upper

southwest corner of the north impoundment area. Concrete was poured for the loadout pad, its aprons, tower stand, pump house and electric building. A concrete vault was installed at the northeast corner of the impoundment areas. Two 4/8 inch and two 3/6 inch leachate containment lines were run from the vault along the east berm to a manifold system at the inter-pond berm. Buildings were constructed for the pump house and electrical station. The buildings were painted. A loadout tower was constructed. A storm water diversion berm was constructed west of the loadout area.

Construction progressed in Cell 3A. Cushion nonwoven geotextile was placed on the floor and berms of the cell. Two primary sump pipes, the isolated one perforated, and two solid riser pipes were placed. Drainage stone was placed. It was agreed that the rain flap would not be installed in the cell. Plywood was placed on the edge of the liner on the south berm before the drainage stone was placed to provide easier access for the tie-in when Cell 4A is constructed. The Department monitor expressed a concern about exposed HDPE liner at the toe of the south berm of Cell 2 in the 10/24 DIR. Leachate collection lines were placed, one line running east from the sump at the west end of the cell and another line running at the toe of the west, north and east berms. Cleanouts for the west-east line were placed at the pump house and top of the east berm, at the end of the solid riser pipe on the east berm. Cleanouts for the berm toe line were placed at the southwest corner of Cell 3A and the south berm at the east end. A beaver moved into a large pond which accumulated in the cell late in the month. The water was pumped out and the beaver left. Concrete was poured for the pump house floor. A trench drains any spills in the pump house back to Cell 3A. The leachate transmission line from the pump house to leak detection station #2 was pressure tested. The south access road to Cell 3A was constructed with a switchback on the east slope. Stone was spread over geotextile for the driving surface. The road west of the landfills was thickened by the addition of soil.

Construction began on the landfill gas to energy (LFGTE) plant west of Cells 1 and 2. The mud slabs and foundations were poured for the walls. Four foundation pads were poured in the engine room. Masons began constructing the east and west walls. A crew worked on the plumbing. Electricians placed conduits. A water supply well was drilled west of the plant.

AREAS OF CONCERN

Poor waste handling procedures were observed in the landfill.

AREAS OF PROGRESS

The flow control problem in Cell 2 primary sump was corrected.

A new flow meter was installed and calibrated for the gas collection system.

Two water service wells were drilled.

The Detention Basins and mitigation channel were completed.

Construction advanced on the impoundment ponds and loadout area.

Cell 3A was completed.

Construction began on the Landfill Gas to Energy Plant.

Fib: 02517



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 HYLAND LANDFILL		LOCATION ANSELICA	FACILITY NUMBER 02517	DATE 10/31/09	TIME 1:53:0
INSPECTOR'S NAME RICHARD R. STROH		CODE M	PERSONS INTERVIEWED AND TITLES		
REGION 9	WEATHER CONDITIONS SOUTHWEST 10-20 PARTLY CLOUDY, COOL WARM		DEC PERMIT NUMBER 9-02321-0,000,3,0,0,0,0,2-1		
SHEET 1 OF 1	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

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|---|
| C | NI | V | FACILITY MANAGEMENT |
| <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(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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b. Self Inspection Records. 360-1.14(f)(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"/> | 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). CREW PICKING LITTER ON NORTH SLOPE |
| <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). BELOW |
| <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"/> | 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); 360-2.1.7(g). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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 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"/> | MONITORING |
| <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). |
| | | | OTHER |
| | | | On Continuation Sheet identify any other violations. |

G.) BETTER DUST CONTROL NEEDED IN LANDFILL
UNSCHEDULED DRUMS RECEIVED. DEC MONITOR INSPECTED DRUMS AND APPROVED THEIR DISPOSAL

Richard R. Stroh
Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.
Jay Hagan
Individual in Responsible Charge (Please print)
Jay Hagan 10/31/09
Signature Date

DAILY INSPECTION REPORT

FACILITY: HYLAND LANDFILL

DATE & TIME: 10/24/07 16:00

WEATHER CONDITIONS: PARTLY SUNNY, COOL, NORTH WIND 5-10 MPH

INSPECTOR'S NAME: RICHARD STROH

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

BETTER WASTE HANDLING PROCEDURES NEEDED. COMPACTOR IS INEFFICIENTLY USED TO PROCESS WASTE. WASTE LAYERS ARE TOO THICK TO PROCESS. LAYERS SHOULD BE LESS THAN 2 FEET THICK TO EFFECTIVELY COMPACT WASTE. COMPACTOR MUST MAKE THREE PASSES OVER WASTE, THIS IS PER 360-217(b)(1).

COVER NEEDED ON SOUTH SLOPE OF LANDFILL BY ENTRANCE RAMP.

HDPE LINER NEEDS TO BE COVERED AT TOE OF SOUTH BERM OF CELL 2.

This form given to: JERRY HAGAN

MH/KH/File
MJH

MONITORING REPORT

Oil
Releasable 02S17
Non-Releasable

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: April 8, 2008
REPORTING PERIOD: September 2007
FACILITY MONITOR: Richard Stroh RRS
DAYS AT SITE: 9/7, 9/12, 9/17, 9/19, 9/24 and 9/26

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated September 26, 2007 is attached for this report period. There were no violations cited. It was noted that a worker was picking litter on the north and east slopes of the landfill. It was written that better dust control was needed in the landfill, on the access ramp and in work zones. It was stated that cover was needed on top of the landfill at the east end. It was written that Cell 1 and Cell 2 primary pumps were not operating properly. It was noted that electricians were working on the pumps. Cell 1 primary pump was operating by the end of the day.

Municipal waste and demolition debris were unloaded on top of the landfill. A new lift was begun at the southwest corner of the landfill. This lift advanced across the landfill during the month. Waste was processed and also was placed on the upper southeast slope, the upper south slope and the lower south slope of the landfill. Additional waste was placed at the southeast corner of the landfill early in the month. Rock was then placed in the area to relocate the entrance ramp. Rock was also placed on the east and south outside shoulders of the entrance ramp to move it out from the landfill for a future fill on the inside shoulders. Soil from the east stockpile and

the east mitigation area was used for cover. It was observed that there was no compactor in service on 9/7. The unit in use had broken down and was undergoing repair. The spare unit remained in the maintenance shop for major repair. A concern was expressed to the landfill supervisor on 9/12 about two tires seen at the southwest area of the landfill. A concern was also expressed about poor cover in the southwest area of the landfill and on the lower east slope. The tires were removed and additional cover was placed by the next inspection. Uncovered waste was observed at the top of the east slope on 9/26. Litter was seen on the east and north slopes of the landfill. A concern was expressed to the facility engineer on 9/12. The monitor was informed that a crew was responding to litter generated on a recent windy day. A concern was expressed to the Landfill Manager on a Daily Inspection Report on 9/17 that the facility needed to address litter on the east and north slopes of the landfill and at the toe of the litter control fence. A copy of the DIR is attached. An improvement in the litter removal was observed on 9/19. The landfill and entrance ramp were watered on occasion to control dust. A concern was expressed on the 9/17 DIR that the landfill ramp was dusty. The landfill was observed to be dry and dusty on 9/26. There were many seagulls in the landfill. A propane cannon deployed in the landfill to scare away the seagulls was not effective. Gunshots scared away the seagulls but they would return a short time later.

Problems continued with the leachate sump pumps. On 9/17 the readouts indicated that the level in Cell 1 Primary Sump was 1.0 inch and that the level in Cell 2 Primary Sump was -34.5 inches. A concern was expressed on the DIR. Flow control problems could not be resolved. A new pump and motor were ordered for Cell 1 Primary Sump and a new transducer was ordered for Cell 2 Primary Sump. The new pump and larger three horsepower motor were installed in Cell 1 Primary Sump on 9/26. The pumping rate increased to 38 gpm. The pump for Cell 2 Primary Sump was operated manually because the readout continued to be -34.5 inches.

Levels in the leachate storage tanks were observed to be in the range of 16.8 feet to 23.1 feet. Leachate was routinely transferred to a tanker and sent for disposal. Water was observed on the vault floor on 9/17. A concern was expressed on the DIR.

The gas flare operated with a flow of 700 SCFM. The east riser of gas collection pipe #14 was extended. Construction of the subgrade for the landfill gas to energy plant was begun. The truck wash operated. Workers power washed truck tires on 9/12.

Construction work continued. The filter bag was removed from the discharge pipe of the groundwater collection system of Cell 3A and rip rap was placed at the outlet of the pipe at the stream. The outfall at Detention Basin #2 was reinstalled, moving it southeast toward the drain pipe. This lowered the outfall and corrected the elevation of the pond. Soil was added to increase the elevation of the peninsula. The slopes of Detention Basin #2 were seeded. Sluice gates were installed at Detention Basins #2 and #3. Topsoil was placed in Detention Basin #3. Detention Basins #3, #4 and the Temporary Basin were mulched and hydroseeded. Some erosion occurred on the east slope of the Temporary Basin due to heavy precipitation. A trash rack was installed over the low orifice of Detention Basin #4. Soil was removed from the north end of Detention Basin #1 and was placed at future Cell 3B for subgrade. Detention Basin #1 was shaped with the ponds at the base connected by a rip rap channel. The outfall was installed at the basin and the drainage trench was dug. The secondary high density polyethylene (HDPE) geomembrane liner was placed in the impoundment areas early in the month. The secondary geocomposite layer was then placed. Twelve inch riser pipes were installed and stone was placed in the secondary sumps of the impoundment areas. A drainage ditch was dug on the west side of the access road by the impoundment areas. Construction roads were observed to be dry and dusty on 9/19 but were watered later in the day. A concern was expressed to the landfill manager on 9/24 about no dust control at the construction zone. The contractor was notified. A concern about poor dust control was expressed at the construction meeting on 9/26.

Construction progressed in Cell 3A. The eighteen-inch secondary riser pipe was installed and stone was placed in the secondary sump. Structural fill was placed on the floor, on the east slope and on top of the north berm of the cell. Terrafix installed geosynthetic clay liner (GCL) and the primary HDPE liner in the cell. Bentonite was placed on seams of GCL panels. Liner panels were heat fusion welded. These seams were pressure tested. Patches were extrusion welded.

These repairs were vacuum-box tested for leaks. The primary HDPE liner was inspected by the Department monitor. A lump was found beneath liner panel #P-16 at the east end of the north slope at the bottom of the berm. The Construction Quality Assurance Engineer was notified. The liner was cut, the lump was removed and the panel was patched. More lumps were discovered beneath the primary liner at the toe of the north berm at panels #P-17, #P-18 and #P-19. The liner was cut to remove the lumps, which were found to be geocomposite that had been compressed by the structural fill, and the panels were patched. Another lump was found beneath the liner at panel #P-22 near the top of the north berm. The liner was cut to remove the lump and the panel was patched. The primary liner was welded to the secondary liner at the top of the south and west berms. The primary liner of Cell 3A was welded to the secondary liner of Cell 2 at the north berm. The Construction Quality Assurance Engineer reported that all 41 destructive samples of the primary liner passed the seam strength tests.

AREAS OF CONCERN

The level indicator for Cell 2 Primary Sump was not operating.

AREAS OF PROGRESS

A new pump and larger motor were placed in Cell 1 Primary Sump.

Detention Basin #1 was constructed.

The outfall of Detention Basin #2 was relocated.

Construction advanced in Cell 3A. The structural fill was placed. The geosynthetic clay liner and primary geomembrane liner were placed.

The secondary geomembrane liner and secondary geocomposite layer were installed in the impoundment areas.

DAILY INSPECTION REPORT

FACILITY: HYLAND LANDFILL

DATE & TIME: 9/19/07 17:15

WEATHER CONDITIONS: SUNNY, WARM

INSPECTOR'S NAME: RICHARD STROH

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

WHAT IS THE STATUS OF PRIMARY SUMPS?
BOTH HAD NEGATIVE READOUTS,
NEED TO ADDRESS LITTER ON EAST AND
NORTH SLOPES AND TOE OF LITTER CONTROL
FENCE.

LANDFILL RAMP IS DUSTY,

WATER WAS SEEN ON THE VAULT FLOOR

This form given to: JERRY HAGAN



File: 02507

DISTRIBUTION ROUTING
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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 HYLAND LANDFILL		LOCATION ANGELICA	FACILITY NUMBER 02517	DATE 092607	TIME 1445
INSPECTOR'S NAME RICHARD R. STROH		CODE M	PERSONS INTERVIEWED AND TITLES		
REGION 9	WEATHER CONDITIONS PARTLY CLOUDY, HOT, S-10MPH		DEC PERMIT NUMBER 9-0232-00003 00002		
SHEET OF	CONTINUATION SHEET ATTACHED <input 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
<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 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"/>	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). WORKER PICKING LITTER
<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). NORTH AND EAST SLOPES
<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). BELOW
<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"/>	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); 360-2.1.7(g).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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). BELOW
<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).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MONITORING
<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).
			OTHER
			On Continuation Sheet identify any other violations.

6.) BETTER DUST CONTROL NEEDED IN LANDFILL, ON ACCESS RAMP AND IN WORK ZONES

16.) COVER NEEDED TOP OF LANDFILL AT EAST END.

CELLS 1&2 PRIMARY PUMPS NOT OPERATING PROPERLY

ELECTRICIANS WORKING ON PUMPS.
CELL 1 PRIMARY PUMP OPERATING.

Richard R. Stroh
Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.
Jerry Hasan
Individual in Responsible Charge (Please print)
Jerry Hasan 09/26/07
Signature Date

DAILY INSPECTION REPORT

RG.
~~RGH~~ 0250

FACILITY: HIGHLAND LANDFILL

DATE & TIME: 11/14/07 16:00

WEATHER CONDITIONS: CLOUDY, COOL, SW WIND 10-20 MPH

INSPECTOR'S NAME: RICHARD STACH

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

POOR COMPACTION ON FACE OF LIFT. WASTE IS PUSHED OFF TOP OF LIFT AND NOT EFFECTIVELY COMPACTED. LAYERS ARE TOO THICK. LAYERS SHOULD BE 2 FEET OR LESS IN THICKNESS, COMPACTOR SHOULD MAKE THREE PASSES OVER THE WASTE PER SUBPART 360-2.19(b)(1).

LIGHT IS ACTIVATED FOR CELL 2 G/H GROUNDWATER SUMP, LEVEL WAS 6.9 INCHES

GROUNDWATER SHOULD BE PUMPED OUT OF STANDPIPES AT THE CONTAINMENT AREA

This form given to: JOSEPH BOYLES

DAILY INSPECTION REPORT

File: 02517

HAGAN

FACILITY: HYLAND LANDFILL

DATE & TIME: NOVEMBER 19, 2007 16:00

WEATHER CONDITIONS: CLOUDY, COOL, SOUTH WIND 10-20 MPH

INSPECTOR'S NAME: RICHARD R. STROH

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

THERE WAS NO COMPACTOR IN SERVICE AT MY ARRIVAL. THE MAIN COMPACTOR WAS UNDERGOING MAJOR REPAIR. THE SPARE COMPACTOR WAS IDLE IN THE LANDFILL WITH A BROKEN FLUID LINE. THE MAIN COMPACTOR RETURNED TO SERVICE LATE IN THE AFTERNOON.

NEED TO PUMP WATER FROM THE VAULT AT THE LEACHATE CONTAINMENT AREA,

This form given to: JERRY HAGAN

Hylands Landfill - 12/20/07
1:15pm

File: 02517
RS RRS
MH MTH
Kevin Hartz

Observations / concerns

- 1) Vault at leachate storage area needs to be pumped.
- 2) Sump pipe outside vault needs to be pumped!
- 3) Leak detect pipe (SW) _{guard} is missing on eastern tank.
- 4) Leachate tank levels at 10+ feet
- 5) WORKING FACE VERY LARGE DUE TO LONG PUSHING DISTANCES
Down slope.
- 6) LOTS OF WIND BLOWN WASTE ALONG NORTH FACE DOWNSLOPE
PICKUP OPERATIONS UNDERWAY!
- 7) Per Jerry Hogan, north basin has a hole in primary liner
- 8) Waste is backing up! Waste being dumped faster than equipment
can process. Waste piled up on dumping floor. Diluted equipment &
Room.
- 9) Trucks stuck on dumping floor - upper lift. Being pulled out!

Waste processing area is unacceptable! Need huge improvements!
A real mess!

MH/KH/File
MSH
(Signature)

MONITORING REPORT

OIL
Releasable X 02S17
~~non-Releasable~~

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: January 16, 2008
REPORTING PERIOD: August 2007
FACILITY MONITOR: Richard Stroh *RRS*
DAYS AT SITE: 8/1, 8/8, 8/13, 8/15, 8/22, 8/24 and 8/29

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated August 22, 2007 is attached for this report period. There were no violations cited. It was written that there was no compaction on the leading face of the lift, which did not have a one vertical to three horizontal grade, but a sheer drop off. It was stated that daily cover was needed over ADC in spots at the top of the south slope and in the southwest corner of the landfill at the top of the slope. It was noted that there were problems with the leachate level indicators at the primary sumps of Cells 1 and 2. It was written that non-resettable indicators for Cells 1 and 2 were not reported in the weekly reports. It was stated that steel drums of waste were disposed without approval of the Department monitor. It was noted that drums were removed for inspection. It was stated that daily reports were behind, only completed to 8/16. It was stated that self inspections for the third week were not reported. It was written that waste truck inspections for the second and third weeks were not reported.

Municipal waste and demolition debris were unloaded on top of the landfill. The waste was processed by a compactor and placed in the upper lift which advanced from the southwest corner to the east end, completing the lift. Waste was placed at the north end of the upper east slope to fill a settled area. Drums of wax were received and disposed on 8/22. The waste profile had been approved with the condition that they be inspected by a Department representative. When a concern was

expressed to management, the drums were dug out by landfill personnel. The drums were inspected by the monitor and Department engineer. They contained mostly wax and some trash. They were approved for disposal. The operations supervisor was instructed to crush empty steel drums. On 8/24 more drums of the wax waste were received. The monitor was notified and the drums were set aside. The drums were inspected and approved for disposal. Processed demolition debris was used for alternate daily cover (ADC). Wood ash was received early in the month and it was set aside for consideration as ADC. The Department monitor inspected the material and found it to be moist and gritty. It was approved for use as ADC. Soil was placed on top of the lift and for cover on the outside slope of the lift. Additional cover was placed at the southwest area of the landfill on 8/22 to address a concern of the Department engineer. Ceramic chips were used as road BUD material. The landfill and entrance ramp were observed to be dry and dusty on occasion. Watering to control dust was observed during inspections. Seagulls were scared away with screaming flares.

Problems continued with the leachate sump pumps. High levels were seen in Cell 1 primary sump, as high as 173.4 inches observed on 8/15. The pump did operate with a flow of 10 to 16 gpm. The level readout for Cell 2 primary sump was unstable. The sump was pumped manually so that the pump would not overwork and burn out. A representative from Sanborn, Head Engineering, P.C. inspected the pumping system with the electrical contractor on 8/29. The representative concluded the problems to be electrical and recommended replacing the wiring. The telephone line of the pump house was broken by a construction vehicle the middle of the month.

Levels in the leachate storage tanks were observed to be in the range of 17.0 to 25.7 feet. Leachate was routinely transferred to a tanker and sent for disposal. On 8/1 the flexible line in the vault was observed to be leaking. A concern was expressed to the operations supervisor.

The gas flare operated with a flow of 750 SCFM. The litter control fences north and east of the landfill were observed to be clean during the month. A crew picked up litter outside of the landfill. Truck tires were manually power washed on 8/22 at the scale. Herdman Road was cleaned by a street sweeper. Samples were taken for the third quarter monitoring analysis the middle of the month.

Construction work continued. The Temporary Basin south of the landfill was reformed and the outlet structure was placed with a rip rap overflow. Two check dams were constructed in the stream below the drain pipe. A rip rap drainage ditch was constructed to the basin, entering at the northeast corner. Topsoil was spread on the berms of the basin. The New Dominion foreman informed facility management that there was a one foot higher elevation at Detention Basin #2 due to an error in the set point. Stone was placed on the access road running from Detention Basin #4 to Detention Basin #2. A concern was expressed by the Department monitor to the Operations Manager about a possible oil spill on the road. Vegetation growth on the sides of this road was good. Some vegetation grew in Detention Basin #2 and vegetation sprouted in Detention Basin #4 by the end of the month. A drainage trench with rip rap was constructed on the northwest side of the access road to Detention Basin #3. Rock rejects from soil screening were placed in the mitigation channel southeast of this road. Detention Basin #3 was taken to final grade. A rip rap road was constructed at the west end to provide access to the stream. Two impoundment areas were constructed west of Cell 3A. New Dominion Construction Inc. began to place low permeability soil in the base of the ponds. Screening of soil for the low permeability layer ceased and the contractor began to screen soil for the structural fill layer in Cell 3A. Soil was taken from the area west of the impoundment ponds and was used to widen the road west of the landfill. The contractor watered construction roads to control dust.

Construction advanced in Cell 3A. The low permeability soil layer was completed early in the month. The fourth lift consisted of less than one inch particle soil. There were no reported failures of the permeability requirement for the Shelby tube samples. Terrafix returned and installed the secondary HDPE geomembrane liner. The liner was welded to Cell 2 secondary liner. A large fold extending five panels was removed at the toe of the north slope. The Department monitor expressed a concern that butt seams had been constructed on the east slope and that there were partial butt seams at the southeast corner of the landfill. Upon discussion it was determined that the grade of the east slope was 17%. The specifications allowed butt seams below a grade of 25%. The southeast corner was inspected by the monitor, QA/QC engineer and design engineer from McMahon and Mann Consulting Engineers, P.C. It was agreed to leave the liner in place but future

seams would run at the intersection of the two slopes. On 8/13 the Department monitor reminded the Terrafix foreman to place a rub sheet beneath a generator operating on the liner. The issue was discussed at the next construction meeting. Terrafix placed the secondary geocomposite layer late in the month. There was a discussion on substituting tire chips for the top foot of primary drainage stone in Cell 3A. Concrete was poured for the walls of the pumphouse. It was reported that the air content of the lower walls was 4%, below the specification of 5 - 7%. The manufacturer recommended a coating to protect the concrete.

AREAS OF CONCERN

Drums were disposed in the landfill before inspection by a Department representative.

Problems continued with the leachate removal system.

AREAS OF PROGRESS

The Temporary Basin was constructed.

Construction advanced in Cell 3A. The low permeability soil layer was completed. The secondary geomembrane liner was placed. The secondary geocomposite layer was placed.

The impoundment ponds were formed.

02517

DISTRIBUTION ROUTING
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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 Facility</i>		LOCATION <i>Arden Rd. Arden</i>	FACILITY NUMBER <i>02517</i>	DATE <i>08/22/07</i>	TIME <i>11:00</i>
INSPECTOR'S NAME <i>Kevin Hritz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Lunn, Lead Supervisor</i>		
REGION <i>9</i>	WEATHER CONDITIONS <i>Cloudy, Co's</i>		DEC PERMIT NUMBER <i>9-0232-00003100002-</i>		
SHEET <i>L 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). *NOT ACCEPTED*
 - b. Control Program. 360-1.14(e)(1).
 - c. Department Approved Facility for Specific Wastes. 360-1.14(r); 360-2.17(l),(p)(1).
 - d. Bulk Liquids. 360-2.17(k).
 - e. Whole Tires. 36-0-2.17(v). *NOT ACCEPTED*
 - f. Lead Acid Batteries. 360-2.17(w).
 - 3. Operator maintains and operates facility components and equipment in accordance with the permit and their intended use:
 - a. Maintenance of Facility Components/Site Grading. 360-1.14(f)(1); 360-2.17(h),(u).
 - b. Adequate Equipment. 360-1.14(f)(2).
 - 4. Operational records are available where required:
 - a. Unauthorized Solid Waste Records. 360-1.14(f)(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).
- See sheet 3 of 3 for comments*
- 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); 360-2.17(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). *NO COMPACTION ON LEADING FACE*
 - 15. Solid waste preparation measures and/or precautions are provided:
 - a. Stabilized/Dewatered Sludges. 360-2.17(n). *SLOPE DROP OFF - NO 1/3 SLOPE*
 - b. Asbestos Waste. 360-2.17(p)(3). *NOT ACCEPTED*
 - c. Tanks. 360-2.17(r).
- COVER**
- 16. Daily cover material is suitable in quality, of proper compacted thickness, and is applied and maintained where and when required to control vectors, fires, odors, blowing litter, and scavenging. 360-2.17(c).
 - 17. Intermediate cover material suitable in quality, of proper compacted thickness, and is applied and maintained where and when required. 360-2.17(d).
 - 18. Final cover system material is suitable in quality, of proper compacted thickness, and is applied and maintained. 360-2.17(e).
- 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.

- Daily cover mounded over APC in spots/areas at top of south slope and in SW corner at top of slope

- steel drums of waste disposed of w/o approval of DEC monitor. Drums were removed for inspection

- still problems with Cell 1 & 2 primary leachate level indicators

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

Kevin Hritz Inspector's Signature *Terry Lunn* Individual in Responsible Charge (Please print) *08/22/07* Date



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

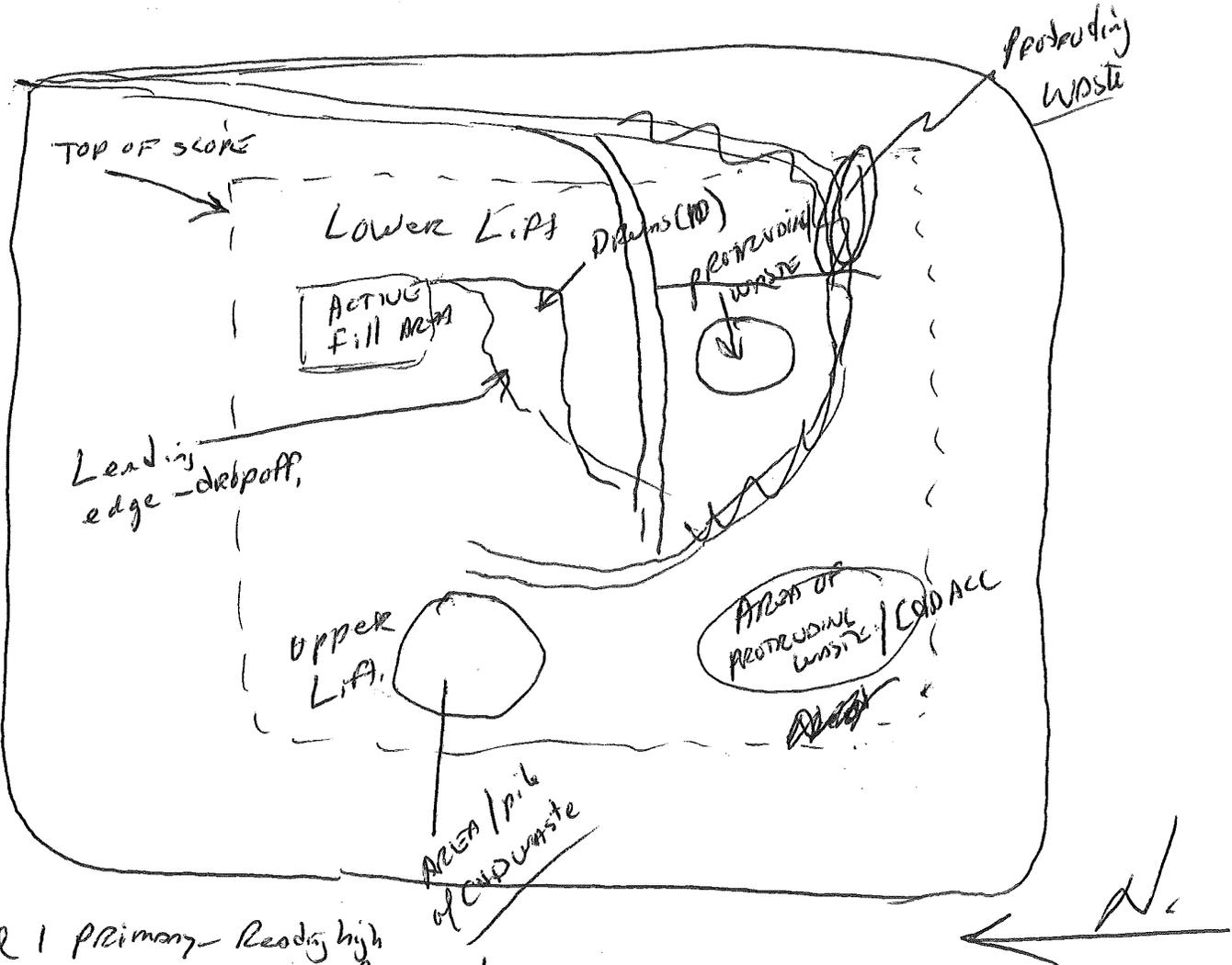
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SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT

Continuation Sheet

FACILITY NAME <i>Hyland Facility</i>		LOCATION <i>Angelica T. Herdman Rd.</i>	FACILITY NUMBER <i>02517</i>	DATE <i>08/22/07</i>	TIME <i>11:00</i>
INSPECTOR'S NAME <i>Kevin Hintz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES		
REGION <i>9</i>	WEATHER CONDITIONS		DEC PERMIT NUMBER		
SHEET <i>2 OF 3</i>	CONTINUATION SHEET ATTACHED <input 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 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 - Ready high
 Cell 2 Primary - manual operation*

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

Jerry Hagan
 Individual in Responsible Charge (Please print)

Jerry Hagan *08/22/07*
 Signature Date

Inspector's Signature

PAPER WORK INSPECTION

1) Daily reports behind - only completed up to

8/16/07

2) Weekly reports. - non-resizable indicators for
Cell 1, 2, not being reported.

3) Self inspections - 3rd week not reported

4) Waste/Trash inspections - 2nd & 3rd weeks not reported

MH/KH/File
MH
179

MONITORING REPORT

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: December 10, 2007
REPORTING PERIOD: July 2007
FACILITY MONITOR: Richard R. Stroh RS
DAYS AT SITE: 7/2, 7/6, 7/11 and 7/18

OIL
~~releasable~~ X
~~non-releasable~~ 02S17

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated July 18, 2007 is attached for this report period. There were no violations cited. It was noted that a contractor was resetting monitoring wells.

Municipal waste, construction and demolition debris and sludge were unloaded at the southeast corner of Cell 2 G/H to fill air space of previous lifts. The waste was pushed down the east slope of the upper lifts, was spread and was processed by a compactor. The Department monitor approved the use of alternate daily cover (ADC) on top of the waste as the fill progression was vertical. This area was filled to the elevation of the upper lift by the end of the month. A new lift was begun at the southwest corner of Cell 2 E/F in the middle of the month. Soil was spread on top of the waste. Two loads of burnt tires were received on 7/6 from Rifenburg Contracting Corporation. An inspection of the loads determined that they consisted of many whole tires. The loads were rejected. Chipped tires were received from the same generator. The Department monitor approved them for use as ADC on the condition that they be mixed with soil at a ratio of one to one. The Department monitor was informed on 7/31 that unauthorized waste was received, a drum of liquid. The drum was returned to the generator. Processed demolition debris was received for use as ADC and road BUD. Ceramic chips were received for use as

road BUD. Material was received from Taylor Recycling and used as ADC. The waste was approved for disposal on 10/10/06 but it had not been approved for use as an ADC. The approval letter stated that the material must be inspected by a Department representative to determine if it was suitable for use as ADC and/or road BUD. Material was inspected on 7/6 by the Department monitor and it was approved for use as ADC. It was approved for use as backup road BUD on 7/18 because there were a few pieces of plastic in the waste. Birds were scared away with shotgun discharges.

Problems continued at Cell 1 primary sump pump. On 7/2 the pump was shut off because the motor had burned out. The level in the sump was 134.6 inches. On 7/6 the pump was again shut off because a new motor had burned out. The wiring in the sump was suspected as the problem. The level in the sump was observed to be 40.8 inches. On 7/11 the pump was again shut off because a new motor had burned out. The voltage was suspected. The level in the sump was observed to be 138.7 inches. On 7/18 a new 480 volt motor and transducer were installed at Cell 1 primary sump. The previous pumps installed were 240 volts. The pump operated at a rate of 10 gpm. The level in the sump was observed to be 118.7 inches.

Problems were also experienced with other pumps. Cell 2 primary sump pump was shut off and removed on 7/2. There was no level available due to the removal of the transducer. A new pump and motor were installed by 7/6. The sump levels were below the activation level the rest of the month. The level in the Cell 2 G/H secondary sump was observed to be 23.5 inches on 7/2. The pump was removed and it was replaced later in the month.

Levels in the leachate storage tanks were observed to be near 22 feet. Leachate leaked from the primary force main line flowing through the secondary containment line into the vault. Upon investigation it was determined that the contractor had damaged the primary line near the weld northwest of the tank containment area when the force main line was rerouted last March. The force main line was repaired.

The gas flare was observed to operate with a flow in the range of 580 to 760 SCFM. The litter control fence north of the landfill was observed to be clean during the month. Litter pickers were observed on the landfill slopes. The truck wash

operated during the month. A crew power washed truck tires at the scale on 7/18. Herdman Road was also swept.

Construction of storm water structures continued. Top soil was spread on the berms of Detention Basin #2 and on the east side of the drainage ditch leading to the basin. The areas were seeded and mulch was spread. A concern was expressed on 7/2 to the facility engineer about dust generated at Detention Basin #2. The construction foreman was called. Rip rap was placed in the drainage ditch up to the future Cell 4 area. Detention Basin #4 was excavated southwest of the landfill. The outfall was installed. The filter bag was secured to the groundwater pipe discharging to the stream. To address erosion concerns at the west access to the stream, two swales were constructed by the contractor perpendicular to the water flow down the slope from the soil stockpile. The area was seeded and mulch was spread. A check dam with small stones was constructed in the stream below the groundwater pipe discharge. The two soil stockpiles were seeded and mulch was spread. Earth Dimension LLC repaired ten monitoring wells impacted by the construction. Steel casing was installed and concrete bases were poured.

Construction of Cell 3A progressed. A four-inch perforated HDPE groundwater collection pipe was installed in a trench running from the west sump to the east slope of the landfill. The pipe was covered with stone and nonwoven geotextile. Three groundwater collection trenches were constructed on the east berm connecting to a trench at the toe of the slope which connected to the trench containing the groundwater collection pipe. Two groundwater trenches connecting to the central groundwater trench were constructed south of the central groundwater trench and one connecting groundwater trench was constructed north of the central groundwater trench. The liner tie-in with Cell 2 E/F was prepared. The groundwater geocomposite layer was installed by Terrafix. Geonet of adjacent rolls was secured with ties at a spacing of five feet on the landfill floor and one foot on the landfill slope. The adjoining geotextile layers were sewn. New Dominion Construction Inc. installed the first two lifts and most of the third lift of the less than three inch particle low permeability soil. Screening of soil for less than one inch particle low permeability soil occurred at the former borrow area. A storm water swale was built on the south slope of the current landfill

leading to a drainage ditch above the east slope of Cell 3A. The drainage ditch was graded to a culvert which discharged near Monitoring Well 37 to a ditch running to the temporary basin.

AREAS OF CONCERN

Problems with Cell 1 Primary pump continued.

AREAS OF PROGRESS

Cell 2 Primary pump and motor were replaced.

Cell 2 G/H Secondary pump was replaced.

Ten monitoring wells were secured.

Detention Basin 4 was constructed.

Drainage swales were constructed at the west access to the stream.

Construction progressed in Cell 3A. Groundwater trenches were installed, groundwater geocomposite was placed and placement of low permeability soil was begun.



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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>0125110</i>	DATE <i>07/18/07</i>	TIME <i>1630</i>
INSPECTOR'S NAME <i>RICHARD R. STROH</i>		CODE <i>M</i>	PERSONS INTERVIEWED AND TITLES <i>TERRY LUNN, LANDFILL SUPERVISOR</i>		
REGION <i>9</i>	WEATHER CONDITIONS <i>MOSTLY CLOUDY WARM</i>		DEC PERMIT NUMBER <i>9-102321-1000031100101211</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"/> | FACILITY MANAGEMENT |
| <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(f),(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 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"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MONITORING |
| <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). <i>CONTRACTOR RESETTING WELLS</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.

Richard R. Stroh
Inspector's Signature

Terry Lunn
Individual in Responsible Charge (Please print)
Terry Lunn
Signature
7-18-07
Date

MH/KH/File
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MONITORING REPORT

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02517

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: November 26, 2007
REPORTING PERIOD: June 2007
FACILITY MONITOR: Richard Stroh
DAYS AT SITE: 6/6, 6/13, 6/20 and 6/29

OBSERVATIONS

Copies of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated June 13, 2007 and June 29, 2007 are attached for this report period. There were no violations cited. On 6/13 it was noted that a water truck was watering roads and that the site was in good shape. On 6/29 it was written that the access roads were watered to control dust but there was poor dust control in the landfill and on the entrance ramp which were dry and dusty. It was stated that the road BUD area was too large and that personnel needed to cover inactive areas of the landfill, namely Cell 2 E/F. It was noted that Cell 2 primary pump was broken, that Cell 1 primary pump was repaired and that personnel were repairing the leachate line in the vault.

Municipal waste, construction & demolition debris and sludge were unloaded in Cell 2 G/H. Waste was unloaded at the bottom of the upper lift the first half of the month and on top of the lift the second half of the month. The waste was pushed to the east face of the upper lift, was spread and was processed by a compactor. The upper lift neared the east end of the landfill by the end of the month. There was a berm below the waste when the upper lift was filled at the north end of the landfill. Some waste was placed at the southeast corner

of the landfill to fill air space of previous lifts. The upper northeast corner of Cell 1 was prepared for waste placement late in the month. Truck traffic and waste receipts increased in the second half of the month as waste was diverted from other Casella facilities which were near their permitted volume. The Department monitor was informed that a drum of acrylic latex was received on 6/13. It was sampled and rejected. Whole tires were removed from receipts. Processed demolition debris was received for use as alternate daily cover and road BUD. Some of the material was stockpiled for later use. Ceramic chips were received for use as road BUD. Soil was spread on top of the lift and the outside slopes. Silty sludge from the temporary basin was unloaded at the waste lift on 6/20. The Department monitor informed the landfill manager that it was not necessary to dispose the silty sludge as waste. The silty sludge was subsequently placed at the south end of the landfill to dry out for use as cover. A Department engineer expressed a concern on 6/6 that waste was not scraped off the landfill floor at the end of the day. A concern was expressed by the Department monitor to the landfill foreman on 6/20 that the lift height exceeded ten feet. The concern was addressed. A Department engineer expressed a concern on 6/20 about poor cover on the southeast corner of Cell 2 and on the top of the south slope. A copy of the Daily Inspection Report (DIR) is attached. On 6/29 the Department monitor observed that road BUD had been placed over the entire surface of the upper lift of the landfill for truck traffic but there was no truck traffic in Cell 2 E/F. Although there was periodic watering, the landfill and access ramp were observed to be dry and dusty at times. Fences were temporarily installed on the north and east sides of Cell 1 C/D to control litter. Personnel routinely picked litter off the slopes and litter control fences.

The west slope of Cells 1 and 2 was graded and topsoil was spread. The lower east slope of Cell 2 was graded. The north, west and lower east slopes were hydroseeded. At the end of the month vegetative growth was good on the north and east slopes but sparse on the west slope. Vegetation was cut on the northwest corner of the landfill and on site. The truck wash operated during the month. Bollards at the scale were painted.

Problems continued at Cell 1 primary sump pump. On 6/6 the level in the sump was observed to be 26.2 inches. The pump was turned off because the switch had burned out. The circuit

was rewired and a new switch was installed. On 6/13 the level in the sump was observed to be 4.4 inches. The pump ran often despite the low-level in the sump and activation of the low level signal. A flow control was ordered for the pump. On 6/20 the level in the sump was observed to be 2.9 inches with the low-level light activated. The pump was manually activated to prevent excessive pumping. On 6/29 the level in the sump was observed to be 134.5 inches with the high-level light activated. The pump had burned out. A new motor placed in the sump drew too much current so the old motor was returned to the sump. It was subsequently determined that a 240-volt motor rather than a 480-volt motor had been purchased. On 6/29 the level in Cell 2 primary sump was observed to be 0.0 inches and the high level light had been activated. The pump and the transducer were removed because the pump had not been operating. On 6/29 the level in Cell 2 G/H secondary sump was observed to be 20.8 inches and the high level light had been activated. The pump was shut off because it was overactive. The groundwater pumps were shut off the first three weeks of the report period for construction activities at Cell 3A.

Levels in the leachate storage tanks were observed to be in the range of 17.0 feet to 23.8 feet. On 6/29 the loadout pump in the vault was shut off while a crew repaired the leachate transfer line. A gasoline pump was used to pump leachate in the flooded vault to Tank 1.

The gas flare was observed to operate with a flow of 825 SCFM early in the month but dropped to 575 SCFM by the end of the month. The gas flare was shut down the evening of 6/19 and early next morning. On 6/20 a Department engineer expressed concerns that an oil bucket was overflowing by the gas flare and a support for the gas collection line was broken. A copy of the DIR is attached. The oil bucket was removed before the Department monitor left the site.

Construction work continued. Since the commencement of construction 610,700 yds³ of soil have been excavated. Of this soil 422,700 yds³ have been stockpiled and 168,000 yds³ have been placed as embankment. The wetland permit was received from the Army Corps of Engineers at the beginning of the month. More check dams were requested. Topsoil was stripped from the access road to Detention Basin #3. The contractor built an equalization basin in the stream. Two rock dams were constructed above the basin and two rock dams were built below

the basin. Stone was used in the lowest dam. Construction of Detention Basin #2 southwest of the landfill was completed. The outfall, feeder pipes and manhole were installed. Grading was completed on the access road. The contractor began to place rip rap in the drainage ditch to Detention Basin #2. Water was pumped out of the temporary detention basin to the creek to prepare for construction of a transitional temporary detention basin. Pumping continued when the silty sludge layer was reached. The first check dam became clogged with sediment. The Department monitor and Department engineer expressed a concern to the contractor and Landfill Manager, instructing them to stop pumping the silty sludge to the stream. A copy of the DIR is attached. Pumping of the silty sludge was stopped immediately and transportation of the material to the landfill was begun. The first rock check dam was removed and rebuilt. Construction of the transitional temporary detention basin was completed. The overflow structure and feeder pipes were installed.

New Dominion Construction Inc., the contractor of the preliminary construction, was awarded the contract to build Cell 3A. Cell 3A was excavated to subgrade and the west berm embankment was placed. To address storm water entering the cell, an HDPE pipe was installed which drained directly to the stream. The inlet to the pipe was covered with geonet and stone. A bag was placed on the pipe outlet to filter the water. On 6/20 a Department engineer observed that the bag had fallen off the pipe. A concern was expressed to the contractor foreman and Landfill Manager. The DIR is attached. Groundwater entered the cell through three seeps at the toe of the east slope, the largest volume of water entering at the seep nearest to Cell 2. Screening of soil for less than three inch particle low permeability soil was completed west of the landfill. A large pile of rejected material was generated. The contractor set up to screen for less than one inch particle low permeability soil at the former borrow area. The contractor watered roads to control dust.

AREAS OF CONCERN

Cell 1 Primary Pump did not operate properly.

Cell 2 Primary Pump broke down.

Silty soil was pumped to the stream.

Filter bag on the storm water pipe from Cell 3A was not properly secured.

AREAS OF PROGRESS

The east, north and west slopes of the landfill were hydroseeded. Vegetation sprouted.

The wetland permit was received.

Detention Basin #2 and the transitional temporary basin were completed.

Cell 3A was taken to subgrade.

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 HYLANDS LANDFILL		LOCATION HELDMAN RD ANGELICA (T), ALBANY CO	FACILITY NUMBER 02 S 17	DATE 06 13 07	TIME 1300
INSPECTOR'S NAME MARK HANS		CODE S	PERSONS INTERVIEWED AND TITLES JERRY HAGAN		
REGION 9	WEATHER CONDITIONS 80F SUNNY		DEC PERMIT NUMBER 9-0232-00003100002-1		
SHEET 1 OF 1	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

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|---|
| C | NI | V | FACILITY MANAGEMENT |
| <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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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); 360-2.1.7(g). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). - NOT TAKEN |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | c. Tanks. 360-2.17(r). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | MONITORING |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(b)(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. |

WATER TRUCK WAS WATERING ROADS
SITE IN GOOD SHAPE

Mark Hans
Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.
Jerry Hagan
Individual in Responsible Charge (Please print)
Jerry Hagan
Signature Date

DAILY INSPECTION REPORT

FACILITY: Hyland
DATE & TIME: 11:00 AM 6/20/07
WEATHER CONDITIONS: Sunny, some clouds
INSPECTOR'S NAME: Kerwin Hartz

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

Landfill: Need more/better cover on:
a) extreme SE corner of Cell 2
b) just over top on south slope

Flare:
a) Oil spill leaking onto ground
b) support for gas piping, next to flare busted

Stormwater:
a) Pumping bottom dregs/sludge from trap pond into stream. Need to stop immediately
b) Forewater pipe from cell 3A discharging very muddy, sludgy dregs from bottom of cell. Filter bag has pulled off. Need to correct immediately or stop the discharge.

This form given to: Teray Lewis, Teray Aryan



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 HYLAND LANDFILL		LOCATION ANGELICA 6653 HERDMAN RD.	FACILITY NUMBER 02 S 170	DATE 06 29 07	TIME 1600
INSPECTOR'S NAME RICHARD R. STROH		CODE M	PERSONS INTERVIEWED AND TITLES TERAY LUNN, LANDFILL SUPERVISOR		
REGION 9	WEATHER CONDITIONS NORTH WEST WIND PARTLY CLOUDY, WARM	DEC PERMIT NUMBER 9-0232-000031000121			
SHEET 1 OF 1	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 checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | FACILITY MANAGEMENT |
| <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 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(f)(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"/> | 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). BELOW |
| <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"/> | 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); 360-2.1.7(g). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MONITORING |
| <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). |
| | | | OTHER |
| | | | On Continuation Sheet identify any other violations. |

6) ACCESS ROADS WERE WATERED TO CONTROL DUST. THERE WAS POOR DUST CONTROL IN THE LANDFILL AND ON THE ENTRANCE RAMP WHICH WERE DRY AND DUSTY.

ROAD BUD AREA IS TOO LARGE. NEED TO COVER INACTIVE AREAS OF THE LANDFILL, NAMELY CELL 2 E/F.

CELL 2 PRIMARY PUMP IS BROKEN. CELL 1 PRIMARY PUMP REPAIRED. REPAIRING LEACHATE LINE IN VAULT.

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

Terry Lunn
Individual in Responsible Charge (Please print)

Serry L 6-29-07
Signature Date

Richard R. Stroh
Inspector's Signature

MH/KH/File
MDK

FOIL

MONITORING REPORT

Releasable x 02517
Non-Releaseable

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: July 17, 2007
REPORTING PERIOD: May 2007
FACILITY MONITOR: Richard Stroh *deg*
DAYS AT SITE: 5/7, 5/8, 5/16 and 5/23

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated May 17, 2007 is attached for this report period. There were no violations cited. It was written that there were numerous areas of protruding waste. A violation was not cited because most of the protruding waste had been covered by the end of the day. It was stated that erosion rills on the middle of the west slope needed to be vegetated. Litter was seen north of the landfill and operations building as well as east of the landfill. It was noted that the truck wash was operating and that truck tires were also manually cleaned. It was noted that a low level light was on and that the light was on for Cell 2 G/H groundwater sump. It was written that silt fences needed to be reinstalled and the outer slope of the berm needed to be vegetated for stabilization at the recently constructed Detention Basin #2. It was written that the silt fence needed maintenance and that west outer slope needed to be vegetated for stabilization at the recently constructed Detention Basin #3.

Waste placement advanced the new lift to the northwest corner of Cell 1 A/B completing the lift at the west end of the landfill then the lift was continued at the south end of Cell 2 E/F. A berm was constructed below the waste on the south slope of the landfill. Mixed municipal waste and pipes were unloaded on the previous lift, pushed to the lift face, were

then spread and processed by a compactor. Tires were picked out of receipts but the Department monitor expressed a concern about loose tires left in the landfill. A concern was expressed on 5/16 about a household water tank seen at the toe of the west slope. It was picked up and disposed. A hole was dug at the southwest corner of Cell 2 G/H to obtain waste to cover the east end of Gas Collection Line #14. The outside slopes of the new lift were covered with soil while the interior face of the slope was covered with processed demolition debris. Additional cover was placed on the southeast face of the lift at the southwest area of Cell 2 G/H to address a concern on the inspection report. A concern was expressed to the Facility Engineer on 5/7 about waste placement in the new lift proceeding too far north and exceeding a 3V:1H slope. Landfill operators shaped the waste before the Department monitor departed. An inspection of the north slope the next day found it to have the proper grade. Trucks began using the new entrance ramp at the beginning of the month. The access ramp and landfill were observed to be dry and dusty at arrival. They were watered during the inspection to address the dust. Soil was spread on the north slope to complete the final intermediate cover by the end of the month.

A new transducer and switch were installed for Cell 1 Primary Pump. The pump was observed to cycle frequently. It was shut off then operated manually to save the pump from burning out. The other landfill pumps operated normally. The groundwater pumps were shut off for construction the first half of the month. Global Environmental Industrial cleaned the leachate collection lines the second week of the month. The levels in the leachate storage tanks were observed to be in the range of 18.1 feet to 30.1 feet during the report period. Grass was cut in the secondary containment area. The east end of the south concrete berm of the loadout pad was repaired.

The gas flare was observed to operate with a flow in the range of 725 SCFM - 825 SCFM. The east end of Gas Collection Line #14 was installed and covered with stone. It was covered with waste and soil was mounded over it temporarily until the waste lift advanced to cover it. The Department monitor observed that the blind flange was open and expressed a concern to the landfill supervisor.

A litter control fence installed on top of Cell 1 was removed to provide access for trucks delivering soil for the

final intermediate cover of the north slope. The litter control fence north of the landfill caught litter which escaped the landfill. A crew picked up litter. The truck wash was not operating on 5/7 at the arrival of the Department monitor. The tank was refilled with water and the truck wash resumed operation. A crew also manually washed truck tires. Junk removed from the east side of the site for construction was placed west of the landfill.

Preliminary construction work continued. Soil was removed from an area southwest of the landfill to construct Detention Basin #2. The soil was placed on the east side of the access road to the basin. The outfall and manhole were installed at Detention Basin #3 located south of the landfill. Soil was excavated south of the landfill to construct Cell 3A. The soil was placed west of the landfill. Screening of soil for the less than three inches low permeability soil was begun west of the landfill. Construction roads were watered to control dust. An inspection of the silt fence at Detention Basin #2 on 5/23 determined that two spots of the reinstalled fence needed attention. Soil slides against the fence had pushed it over. The spots were pointed out to the construction foreman and they were addressed.

AREAS OF CONCERN

Cell I Primary Pump did not operate properly.

AREAS OF PROGRESS

Installation of Gas Collection Line #14 was completed.

Final intermediate cover was placed on the north slope of Cell 1.

Preliminary construction continued.



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 Facility</i>		LOCATION <i>Hudson Rd. Angola</i>		FACILITY NUMBER <i>002517</i>	DATE <i>05/17/07</i>	TIME <i>10:00</i>
INSPECTOR'S NAME <i>Kevin Hintz</i>		CODE <i>5</i>	PERSONS INTERVIEWED AND TITLES <i>Terry Lunn, Landfill Supervisor</i>			
REGION <i>1</i>	WEATHER CONDITIONS <i>Cloudy, 50's, Cold Breeze</i>			DEC PERMIT NUMBER		
SHEET <i>1 OF 3</i>	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		PART(S) 360- _____			

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 |
| <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 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(f); 360-2.17(l),(p)(1). <i>See permit</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | d. Bulk Liquids. 360-2.17(k). |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | e. Whole Tires. 360-2.17(v). |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | f. Lead Acid Batteries. 360-2.17(w). <i>NOT ACCEPTED</i> |
| <input 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 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(j)(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"/> | 5. Solid waste, including blowing litter, is sufficiently confined or controlled. 360-1.14(i). <i>Blowing waste to north & east of site & north stop</i> |
| <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 type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | WATER |
| <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); 360-2.1.7(g). |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ACCESS |
| <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 type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | WASTE HANDLING |
| <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). <i>NOT ACCEPTED</i> |
| <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"/> | COVER <i>NO VIOLATION NOTED AS MOST OF PROTRUDING WASTE HAD BEEN COVERED BY ENDED DAY</i> |
| <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 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 type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MONITORING <i>NO FINAL COVER IN PLACE YET</i> |
| <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). |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | OTHER |

On Continuation Sheet identify any other violations.

NUMEROUS AREAS OF PROTRUDING WASTE -

- 1) TOP OF SOUTH SLOPE NEAR SW CORNER OF NEXT TO UPPER LIFT*
- 2) UPPER LIFT ALONG TOP OF WEST SLOPE, NEAR NW CORNER*
- 3) Small spot at TOP OF NORTH SLOPE WEST OF FLARE*
- 4) EAST EDGE OF UPPER MOST LIFT NEAR MID CURVE TO NORTH*
- 5) UPPER MOST LIFT ON WEST HALF OF LANDFILL*

erosion Rills on west slope (mid). Needs to be revegetated.

Wind blown waste north of landfill at top of flare and receiving shop.

Inspector's Signature: *Kevin R. Hintz*

Individual in Responsible Charge (Please print): *Terry Lunn*
Signature: *Terry Lunn* Date: *5-17-07*



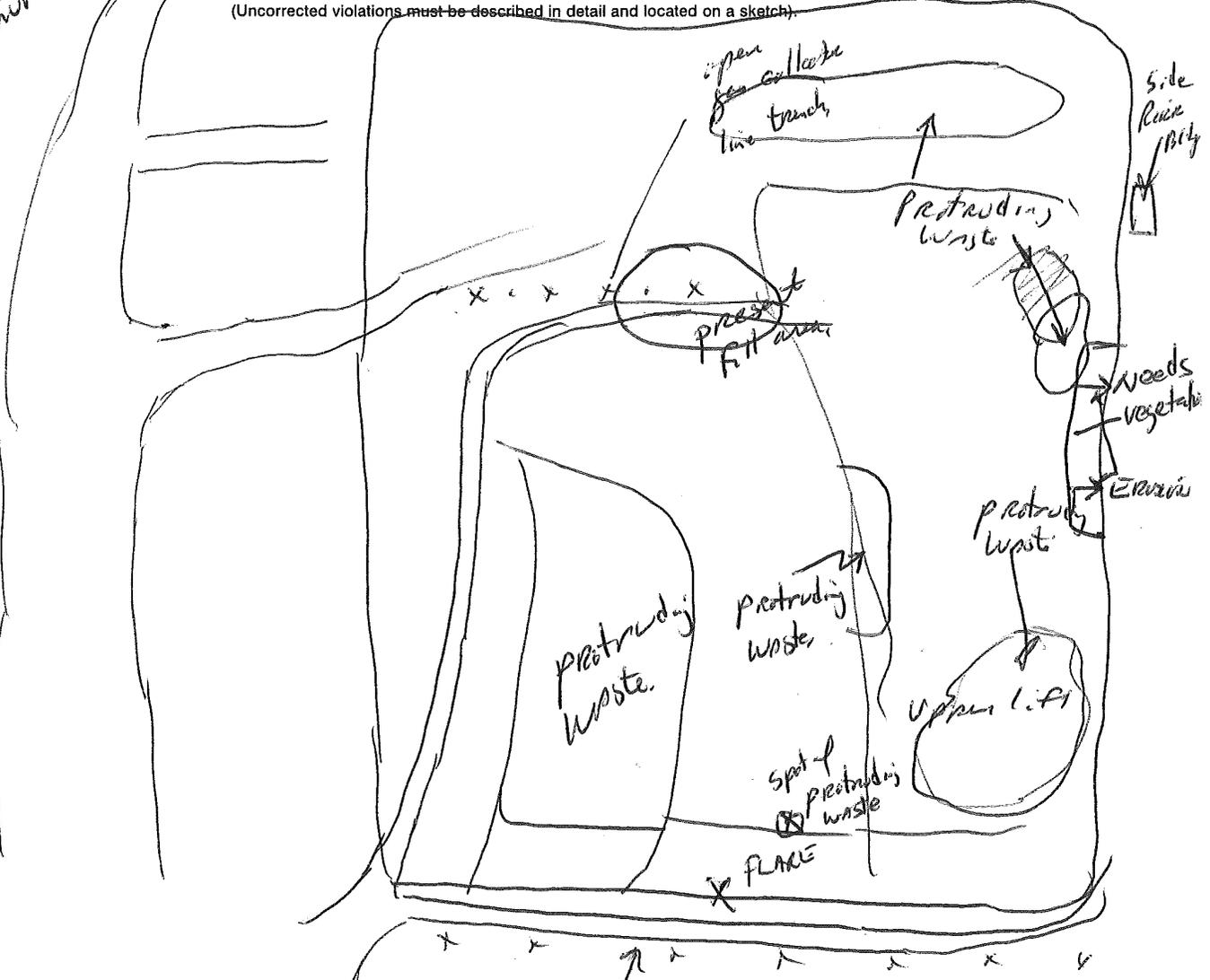
DISTRIBUTION ROUTING
WHITE COPY—Regional Office
YELLOW COPY—Central Office
PINK COPY—Facility
GREEN COPY—Inspector

SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT Continuation Sheet

FACILITY NAME <i>Hyland Facility</i>		LOCATION <i>Hedden Rd. Nyack</i>	FACILITY NUMBER <i>02517</i>	DATE <i>05/17/07</i>	TIME <i>1:00</i>
INSPECTOR'S NAME <i>Kevin Hintz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES		
REGION	WEATHER CONDITIONS	DEC PERMIT NUMBER			
SHEET <i>2 OF 3</i>	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input type="checkbox"/> No	PART(S) 360- Attached			

Travel Wash is working - but also doing manually.

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).



*Windblown papers north of shop
Cell 26 at GW LIGHT on -
Low level - light on.*

Wind Blows waste at base of fence.

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

Individual in Responsible Charge (Please print)

Inspector's Signature

Signature

Date

EROSION / SED / STABILIZATION 345
ISSUE - CONSTRUCTION AREA

- 1) The southern most detention basin (#2?) on west side of ravine / stream
 - Need to re-install silt fences. bottoms ^{of silt fence} need to be buried.
 - Need to stabilize / vegetate the outer slope of pond basin. ~~Inner slopes~~ & TOP OF SLOPES / P.les are seeded & mulched, but not the outer banks toward the woods.
- 2) Southern most detention basin (#3) on east side of ravine / basin.
 - silt fence need to be maintained. portion of one fence is ~~knocked~~ over
 - bottoms of silt fence need to be buried.
 - need to stabilize / vegetate & mulch the slope toward ravine / stream in vicinity of discharge structure.

Kevin Hitz
NYSDEC
5/17/07

MH/KH/File
MNH/

MONITORING REPORT

~~Oil~~

Releasable

X

02517

~~Non-Releasable~~

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: **Hyland Landfill**

FACILITY NUMBER: 02 S 17

DATE: June 11, 2007

REPORTING PERIOD: April 2007

FACILITY MONITOR: Richard Stroh *RRS*

DAYS AT SITE: 4/3, 4/9, 4/16, 4/23 and 4/30

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated April 23, 2007 is attached for this report period. There were no violations cited. It was written that better dust control was needed as the landfill was dry and dusty at the monitor's arrival. It was stated that cover was needed on the south slope of Cell 2 G/H at the west end. It was written that the truck wash was not operating but a crew was manually power washing tires. It was noted that maintenance was performing service on Cell 1 primary pump. It was written that landfill operators needed to pick up loose tires in the landfill. It was noted that a crew was picking litter. It was stated that better litter control was needed in the landfill.

Waste placement continued to Cell 2 G/H, the southeast quadrant of the landfill, the first three weeks of the month. Mixed municipal waste was unloaded on top of the upper lift of the landfill. The waste was spread, mixed with waste water treatment plant sludge, processed by a compactor and placed on the east face of the upper lift. Soil was used to cover the waste. A new lift was begun the last week of the month on top of Cell 2 E/F, utilizing the additional air space provided by the revised facility permit issued December 20, 2006. The new lift increased the elevation of the west slope and advanced into Cell 1 A/B by the end of the month. Processed demolition

debris was used to cover the face of the new lift at the end of the day. Soil was used to cover the top and west slope of the lift. Processed demolition debris and wood chips were used to improve driving conditions in the landfill. This used the stockpile of wood chips in the landfill. Tires picked out of receipts by landfill operators remained in piles in the landfill. Trucks continued to use the old entrance ramp and were assisted up the ramp. Gravel was spread on the new ramp to prepare it for use. On 4/3 there was no compactor in use to process waste. The compactor utilized had blown a hydraulic fluid line. A mechanic was sent to pick up hydraulic fluid so that the compactor could be repaired. The compactor was operational at the next inspection. The spare compactor was out of service with a damaged oil pan. Maintenance worked to repair the spare compactor. On 4/3 and 4/23 the landfill was observed to be dry and dusty at the arrival of the Department monitor but a water truck watered the landfill floor and access ramp to control the dust. On 4/30 the landfill was observed to be dry and dusty. A concern was expressed on a Daily Inspection Report (DIR). A copy is attached. The Department monitor was informed that the water truck would not start and that the construction contractor had been asked to do dust control. The construction and access roads were watered but the contractor water truck did not enter the landfill. Seagulls and crows were scared away by a flare gun.

The primary cell pumps were removed on 4/3 to clean them. Plastic shavings were removed. On 4/9 the Department monitor observed that the level in the Cell 1 Primary Sump was 166.4 inches and a high level light had not been activated. The reason for the malfunction was unknown as the pump appeared to operate. On 4/16 the Department monitor observed that the level in the Cell 1 Primary Sump was 99.6 inches. The pump was operating in the manual mode. The pump had worked normally on the weekend and an electrician found no reason for the pump not to operate. The pump for Cell 1 Primary Sump was removed for maintenance on 4/23. The wiring was burned out. On 4/30 the Department monitor observed that the level in the Cell 1 Primary Sump was -34.5 inches. A concern was expressed on a (DIR). The monitor was informed that the pump operated normally when it was returned to the sump the previous week but that it was currently operating in the manual mode. The transducer was not operating. A new transducer was ordered.

The levels in the leachate storage tanks were observed to be in the range of 17.3 feet to 23.1 feet during the report period. The leachate loadout lines froze during a cold snap early in the month because the driver prematurely turned off the heater. The groundwater level in the standpipes was observed to be high. A concern was expressed on a DIR on 4/30. On 4/9 the vault floor was observed to be flooded. A concern was expressed to the landfill manager. The sump pump was serviced and operated properly on the other inspections. Storm water was pumped out of the secondary containment area late in the month.

The gas flare operated during the report period. The gas flow was observed to be 700 SCFM to 750 SCFM. The gas flare shut down on 4/8 because condensation had accumulated in the flash arrestor. On 4/9 the Department monitor observed that the recorder was operating poorly. The problem was found to be bad chart paper. On 4/16 the recorder had not been activated when the monitor arrived but it was operating late in the afternoon. Gas Collection Line #14 was installed at the southwest area of Cell 2 G/H. Work ceased because the supply of high density polyethylene (HDPE) pipe was exhausted. More HDPE pipe was received and the gas collection line was assembled. The trench was backfilled with waste. On 4/23 it was written on the inspection report that the area needed cover. On 4/30 the area still had not been covered. Leachate breakouts were seen. A concern was expressed on a DIR. Landfill operators were instructed to cover the area with soil.

A crew picked litter which escaped the landfill. On 4/23 there were high winds from the southwest. Paper and plastic debris were seen blowing down the north slope of the landfill. Litter collected at the fence north of the landfill, at the fence north of the Operations Building, at the fence east of the entrance and in the open field north of the landfill. The crew picked up litter but could not keep up with the flow. Control was suggested in the landfill to reduce the flow. A litter control fence was installed by the next inspection on top of Cell 1.

Preliminary construction work continued. Soil was removed from an area southwest of the landfill to construct Detention Basin #2. The soil was placed in a stockpile west of the landfill and on the west side of the access road to the area. Soil was removed from the silt pond area south of the landfill.

Groundwater pumps were shut down so that the construction crew could work south of the landfill. On 4/23 levels in the groundwater sumps were observed to be 185.7 inches in Cell 1 and 51.3 inches in Cell 2 E/F. On 4/30 levels in the groundwater sumps were observed to be 146.3 inches in Cell 1, 83.5 inches in Cell 2 E/F and 14.3 inches in Cell 2 G/H. A concern was expressed on the DIR. The Department monitor was informed that the groundwater pumps were activated when construction ceased for the day. A groundwater trench was built in the borrow area to address seepage observed at the southeast area of future Cell 3. The construction contractor watered construction roads to control dust.

The truck wash operated during the month. It was down on 4/23 to clean the tank. The sludge was taken to the landfill. Fresh water was placed in the tank and the truck wash was reactivated that day. A power wash was purchased. A crew was then assigned to clean gross material off trucks leaving the scale. On 4/16 the facility engineer was reminded to send in a report on the leachate spill which had occurred on 3/13. He was informed that Special Condition #95 requires a written spill report to the Regional Engineer five days after the incident. An experienced landfill operator left the facility for a job with an electrical utility.

AREAS OF CONCERN

Waste was not covered at the southwest corner of Cell 2 G/H.

Dust control was not effective in the landfill.

Cell 1 Primary pump was not operating properly.

AREAS OF PROGRESS

A new lift was started in Cell 2 E/F.

The west end of Gas Collection Line #14 was installed in Cell 2 G/H.

The truck wash tank was cleaned.

A manual power wash was purchased.

Preliminary construction continued.

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 HYLAND LANDFILL		LOCATION ANGELICA	FACILITY NUMBER 02510	DATE 042307	TIME 1610
INSPECTOR'S NAME RICHARD R. STROH		CODE M	PERSONS INTERVIEWED AND TITLES JOSEPH BOYLES, FACILITY ENGINEER		
REGION 9	WEATHER CONDITIONS 20-30 MPH WARM, P. CLOUDY, SOUTHWEST WIND		DEC PERMIT NUMBER 0-0232-10000311001021		
SHEET 1 OF 1	CONTINUATION SHEET ATTACHED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PART(S) 360- 1			

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"/> | NI | <input type="checkbox"/> | FACILITY MANAGEMENT |
| <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). NEED TO PICK UP LOOSE TIRES IN LANDFILL |
| <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 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"/> | 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). BETTER CONTROL NEEDED IN LANDFILL |
| <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"/> | 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); 360-2.1.7(g). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MONITORING |
| <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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | OTHER |

**BETTER DUST CONTROL NEEDED, LANDFILL WAS DRY AND DUSTY AT MY ARRIVAL
COVER NEEDED ON SOUTH SLOPE OF CELL 2 GH AT WEST END
TRUCK WASH NOT OPERATING, MANUALLY POWER WASHING TIRES
PERFORMING SERVICE ON CELL 1 PRIMARY PUMP**

Richard R. Stroh
Inspector's Signature

I hereby acknowledge receipt of the Facility Copy of this Inspection Report sheet.
JOSEPH R. BOYLES
Individual in Responsible Charge (Please print)
JRB
Signature Date

DAILY INSPECTION REPORT

FACILITY: HYLAND FACILITY

DATE & TIME: 4/30/07 16:00

WEATHER CONDITIONS: COOL, SUNNY, NORTHWEST WIND 5-10 MPH

INSPECTOR'S NAME: RICHARD R. STROH

VIOLATIONS/AREAS OF CONCERN/OBSERVATIONS

DAILY COVER NEEDED AT SOUTHWEST CORNER CELL 2 G/H. UNCOVERED WASTE SEEN. LEACHATE BREAKOUTS WERE SEEN.

LANDFILL WAS DRY AND DUSTY. THERE WAS NO DUST CONTROL IN LANDFILL

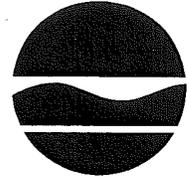
CELL 1 PRIMARY SUMP INDICATED -34.5 INCHES ON THE READOUT.

CELL 1 GROUNDWATER SUMP INDICATED 146.3 INCHES ON THE READOUT.

HIGH GROUNDWATER LEVEL IN THE STANDPIPES AT THE LEACHATE TANKS CONTAINMENT AREA. NEED TO REMOVE WATER.

This form given to: TERRY LUNN

MH/RS/KH/File
MMH RRS MMH



New York State Department of Environmental Conservation
Division of Solid and Hazardous Materials, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2999
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.state.ny.us

OIL
steppable X 02517
was not available

MEMORANDUM

To: Mark Hans
From: Ms. Mary McIntosh, Engineering Geologist II *MM*
Subject: Hyland Landfill
Date: April 4, 2007

On April 3, 2007 I was at the Hyland Landfill to observe the field conditions related to Hyland's proposal to construct a french drain to drain a seep in the mining area, so that construction of the subgrade can proceed. McMahan and Mann had sent a letter dated March 30, 2007 to the Department outlining their proposal to collect and discharge this groundwater. I met Nate Melaro of Geotechnics, a subcontractor to McMahan and Mann, on site and we walked over to the area of the seep.

The terminology in McMahan and Mann's letter was a little confusing, as in Figure 2 they show an "observed wet area" north of well 47A, and an "observed seep location" northwest of this. The "observed wet area" was actually the area flowing. The flow appeared to be coming from a location about 10 feet long and parallel to the slope of the land and likely parallel to the bedrock ledging that occurs on site. The "observed seep location" just appeared to be an area of damp to wet soil. The flow in the "observed wet area" appeared to be coming out at a rate of a few gallons per minute, although it was difficult to tell precisely due to the diffuse nature of the flow. While I was down in the area of the seep Joe Boyles and Jerry Hagen drove up. Jerry stated that he believed the flow was from the overburden and cited the fact that the access road had been constructed with a lot of boulders. I stated that I wasn't so sure this was the case, as generally the drilling program has encountered very little water in the overburden (granted some of the drilling was done during drier months). I believe that I was also told previously that there has not been any water in well 47A so far. This well is an overburden well not far from the "observed wet area".

According to McMahan and Mann's letter, the current existing ground surface at the seep is 1874.3, and the estimated bedrock elevation is 1867, meaning that the mining activities have taken this area down to within about 7 feet of bedrock. The wet area is at a slightly lower elevation according to the map. It should be noted that the bedrock elevations could be subject to uncertainty given the way the elevations can change on the edges of the valley. I expressed my opinion that the observed flow could very well be coming from the bedrock.

Mr. Mark Hans
Hyland Landfill
April 4, 2007
Page 2

In any event, the proposed cell 3 subgrade elevation in this area is 1916, about 42 feet higher than the elevation of the seep. Obviously the proposed pore water drain for cell 3 can't collect this water at depth, and the seep interferes with the ability to construct subgrade in this area. The proposed french drain would drain by gravity and daylight below cell 3. The drain would be a permanent structure and would then be carried below cell 5 when cell 5 is constructed. I stated that this point could serve as an additional groundwater monitoring point if the Department grants approval of the french drain. Jerry Hagan is already ordering stone to be placed. The draining of this area is critical to the progress of the project, although Tim Fornadely of New Dominion, the site activities manager, stated that with the adverse weather coming in on April 4 construction activities may not proceed the rest of this week.

Tim stated that wells 1 and 1A had been inadvertently buried by soil piled up west of the former sediment ponds. They were in the process of uncovering them. I stated that although these wells are not part of the current monitoring program they needed to be checked for integrity, and that wells should be properly flagged to avoid this situation in the future. There appears to be a lot of moving of materials around from locations where stockpiles have been determined to be interfering with construction.

Most of the wells I inspected were in good condition, but there was soil encroachment around some, including well 36, by the road. Terry said he would be removing any soil around them that day. Some of the older wells also have broken up seals, including well L. This was noted in a previous letter to the facility on July 25, 2006. Joe Boyles had stated at that time that they were considering removing some of the older wells which are not in the current monitoring program, but I have not yet received any proposal for such work. If the wells remain, they must be repaired.

I walked over to wells 34 and 34A, which are west of the leachate loadout area. Hyland has moved a large pile of wood chips into this area, about 100 feet from the wells, and also a lot of tree trunks about 20 feet from the wells. Tim met me down in that area and I stated that I didn't want anything placed any closer to the wells. I also looked at the two sediment traps located near the main drainage channel northwest of wells 34 and 34A. Water is being pumped up from the sediment basin to the bags. Water was discharging from both of them and running into the gully, but the water being discharged was quite turbid. The bags are collecting a lot of sediment and Tim had just changed out the northernmost one, but the water in the drainage is very turbid. He had also put up a silt fence and hay bales around both of them, something extra he said he was not required to do. Further down the silt fence was broken down in one spot and Tim said he would repair that right away. I also looked at the drainage behind wells 35 and 35A, and that was also quite turbid.

Mr. Mark Hans
Hyland Landfill
April 4, 2007
Page 3

Several wells in the construction area have been extended, including well 47A and the wells around the proposed leachate basins. The facility has been working with Brian Bartran of Earth Dimensions to make sure that all the required well work is taken care of as the construction proceeds.

MM:dcg
mcm\hans-c4.mo

cc: Mr. Richard Stroh, NYSDEC
Mr. Kevin Hintz, NYSDEC

MH/KH/File
MH (circled)

FOIL
Releasable R 02517
Non-Releasable

MONITORING REPORT

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: May 1, 2007
REPORTING PERIOD: March 2007
FACILITY MONITOR: Richard Stroh *RRS*
DAYS AT SITE: 3/19 and 3/26

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated March 26, 2007 is attached for this report period. There were no violations cited. It was noted that a crew was picking up winter litter. It was written that the level in the Cell 2 Primary Sump was 38.6 inches but the high level alarm was not activated.

Waste placement continued to Cell 2 G/H, the southeast quadrant of the landfill. Mixed municipal waste was unloaded on top of the upper lift of the landfill. Landfill operators picked tires out of the receipts. It was mixed with waste water treatment plant sludge and processed by a compactor. The waste was placed at the southwest area of the cell and the east slope of the lift. Processed demolition debris was used to cover the face of the lift. Soil was unloaded on top of the lift to cover the top of the waste lift. The landfill surface became ruddy as the weather warmed and trucks drove on the surface. Wood chips and processed demolition debris were spread on the surface of the landfill to improve driving conditions. This reduced the stockpiles on top of Cell 2 E/F. A new ramp was constructed on the east slope of Cells 1 and 2 to enter Cell 2 G/H at the middle of the east end. It was used

by large dump trucks to deliver soil. Cow birds were scared away by a flare gun. Leachate breakouts were repaired by landfill personnel.

A leachate spill occurred on 3/13 when the force main leachate transfer line was severed. Personnel were installing a temporary leachate transfer line so that Cell 3A can be built. A hole was dug seventy-five yards northwest of the vault located in the leachate storage tank containment area. A pipe was uncovered which was thought to be the force main line. It was actually a recirculation line which no one knew about. When the operator dug below the pipe, the force main line was punctured. Leachate in the line spilled into the excavation hole and flowed through the secondary containment line into the vault. Contaminated soil was sent to the landfill. The leachate transfer pump in the vault was inundated with leachate. Leachate was pumped out of the vault to the leachate storage tanks. When the leachate transfer pump was started up, the electricity shorted and the pump burned out. Maintenance could not repair the pump because parts could not be obtained. A new pump with a capacity of 360 gallons per minute was purchased and installed. (The old pump had a capacity of 160 gpm.)

The primary leachate sumps had high levels on 3/19 because the pumps were inhibited so that the new leachate transfer pump could be installed. Cell 2 primary sump had a level of 38.6 inches on 3/26 but the pump was operating. A high level light was not activated. The leachate storage tanks were observed to have a level of seventeen feet. Leachate was pumped to the tanker for transport by using a gasoline pump while the leachate transfer pump was out of service. Storm water was pumped out of the secondary containment area to surface water.

The gas flare operated during the report period. The gas flow was observed to be 775 - 825 SCFM. The landfill crew began excavating at the southwest area of Cell 2 G/H for placement of gas collection line #14. They had trouble finding the connecting gas collection line in Cell 2 E/F. Additional soil was placed on the west access road by two gas wells to provide more cover on gas collection lines as requested by a Department engineer.

Paper and plastic debris blew out of the landfill onto the east and north slopes. Fences east and north of the landfill caught much of the litter. A large crew of temporary workers was hired late in the month to pick litter around the site. The truck wash resumed operating later in the month when the weather improved. A vac truck cleaned Herdman Road and Peacock Hill Road.

Preliminary construction continued south of the landfill. Nearly 400,000 cubic yards of soil were excavated by the end of the month. Soil was removed south of the leachate storage tanks and southwest of the landfill. Soil was placed in stockpiles southeast of the landfill and west of the landfill. A temporary leachate transfer line was installed to move the force main leachate line out of the footprint of Cell 3A.

AREAS OF CONCERN

A spill occurred when the force main leachate transfer line was severed.

A high level light was not activated for Cell 2 Primary Sump.

AREAS OF PROGRESS

A new ramp was constructed to enter Cell 2 G/H.

Preliminary construction continued.

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 HYLAND LANDFILL		LOCATION ANGELICA	FACILITY NUMBER 02517	DATE 032607	TIME 1600
INSPECTOR'S NAME RICHARD R. STROH		CODE M	PERSONS INTERVIEWED AND TITLES TERRY LYNN, LANDFILL FOREMAN		
REGION 9	WEATHER CONDITIONS P SUNNY, WARM W WIND W-20		DEC PERMIT NUMBER 0-0232-0000311000121		
SHEET 1	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PART(S) 360- 1			

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"/> | NI | <input type="checkbox"/> | FACILITY MANAGEMENT | |
| <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 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"/> | 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(i). | CREW PICKING UP WINTER LITTER |
| <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"/> | 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). | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MONITORING | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 19. Monitoring wells are intact. 360-2.17(a); 360-2.11(a)(6)(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). | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | OTHER | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | On Continuation Sheet identify any other violations. | |

THE LEVEL IN CELL 2 PRIMARY SUMP WAS 38.6 INCHES BUT THE HIGH LEVEL ALARM WAS NOT ACTIVATED

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

Richard R. Stroh
Inspector's Signature

Terry Lynn
Individual in Responsible Charge (Please print)
Terry Lynn 3-26-07
Signature Date

SMH/KH/File
KH
WR

OIL

Releasable X 07S17
Non-Releasable _____

MONITORING REPORT

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: April 18, 2007
REPORTING PERIOD: February 2007
FACILITY MONITOR: Richard Stroh RRS
DAYS AT SITE: 2/6, 2/8, 2/12, 2/22 and 2/26

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated February 8, 2007 is attached for this report period. There were no violations cited. It was written that interim final cover was needed on the north, west and east slopes of Cell 1. It was stated that there was windblown waste north of the landfill and northeast of the maintenance shop. It was written that the gas flare was not working and a solution to the problem was needed. It was noted that the levels in the leachate storage tanks exceeded twenty-one feet.

Waste placement continued to Cell 2 G/H, the southeast quadrant of the landfill. Mixed municipal waste was unloaded in the middle of the cell. It was mixed with waste water treatment plant sludge and processed by a compactor. The waste was placed on the east and southeast face of the upper lift. Soil excavated in the construction zone south of the landfill was used to cover the top of the waste. Processed demolition debris was used to cover the lift face and as a road BUD on the driving surface of the landfill. Seagulls, cow birds and crows were occasionally seen but were scared away by explosive charges. Trucks were assisted climbing the entrance ramp to the landfill.

Landfill operators dug a trench at the north end of Cell 2 G/H for gas collection line #13. They had trouble finding the condensate drain at the east end of Cell 2H. It was fifty-two feet deep which was more than expected. The gas collection line was assembled northeast of the landfill, stored at the toe of the north slope of Cell 1 C/D then dragged in the landfill to be placed in the trench. The gas collection line was placed on a gravel bed. The grade of the gas collection line was 7% with the high point in Cell 2G. The trench was backfilled with waste then covered with soil.

Levels in the sumps of the leachate collection system were observed to be below the activation level of the pumps during the report period. A contractor repaired the soffit at the pump house. The level in the leachate storage tanks was observed to be in the range of 16.0 feet to 21.0 feet. Leachate was routinely removed and sent for disposal. A contractor performed the task when the facility driver was on sick leave.

Problems were encountered again with the gas flare this report period. It would shut down then the igniter would freeze. A propane torch was used to thaw the igniter so that the flare could be restarted. An electrical contractor could not find a problem with the transformer so an electricity monitor was ordered from the manufacturer and installed on the three phases supplying the gas flare. A representative of the manufacturer examined the recording chart and determined that the electricity supply of the three phases was not balanced. The gas flare shuts down when the unbalance of the electricity supply exceeds 5%. The unbalance was as high as 18%. An electrical contractor investigated the unbalance and determined that heat tapes installed to prevent the condensate drain lines from freezing were drawing power from only the middle phase of the electricity supply causing the unbalance. When the gas flare operated the flow was in the range of 750 SCFM to 875 SCFM.

A compactor was taken to the maintenance shop where its wheel stubs were replaced. The scale froze on 2/26. Ice was removed from the supports and the scale functioned properly. A crew picked litter off the fence north of the landfill. Samples were taken for the first quarter monitoring analysis.

Preliminary construction continued south of the landfill. More than 250,000 yd³ of soil were excavated by the end of the month. Excavation of Detention Basin #1, located southeast of the landfill, was completed. Clearing and grubbing for Detention Basin #3, located southwest of the landfill was completed. A temporary storm water basin was constructed south of the landfill with a trench directing storm water to it. A rock dam was constructed at the south end of the basin. Upon inquiry by the Department monitor it was determined that water would be pumped from this basin to the clay mine sedimentation ponds. The east storm water pond, the west storm water pond and the silt pond were emptied and breached. Sediment was mixed with soil and placed in the soil stockpile southeast of the landfill. Soil was removed from the south perimeter road and the area south of the leachate storage tanks. Excavated soil was placed in a stockpile east of Cell 1 for later use in closure of the north slope. Construction meetings were held on 2/8 and 2/22.

An issues meeting was held on 2/6. Attending for Hyland Facility Associates was Jerry Leone, Jerry Hagan, Terry Lunn and Rose Bartlett. Attending for the Department was Mark Hans, Kevin Hintz and the facility monitor. Closure of the north slope of Cell 1 was discussed. Expansion of the current landfill was discussed. Preliminary construction and construction of Cell 3A this year were discussed. Cell 3A will cover six acres and hold 348,000 yd³ of waste. Cell 3B will hold 700,000 yd³. Cell 3B will be constructed in 2008 and Cell 4A will be constructed in 2009. A new truck wash was discussed. A Gas Power Production Plant was discussed.

AREAS OF CONCERN

The gas flare shut down frequently.

AREAS OF PROGRESS

Gas collection line #13 was installed.

An electrical problem was found at the gas flare.

Preliminary construction continued.

An issues meeting was held.



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WHITE COPY	Regional Office
YELLOW COPY	Central Office
PINK COPY	Facility
GREEN COPY	Inspector

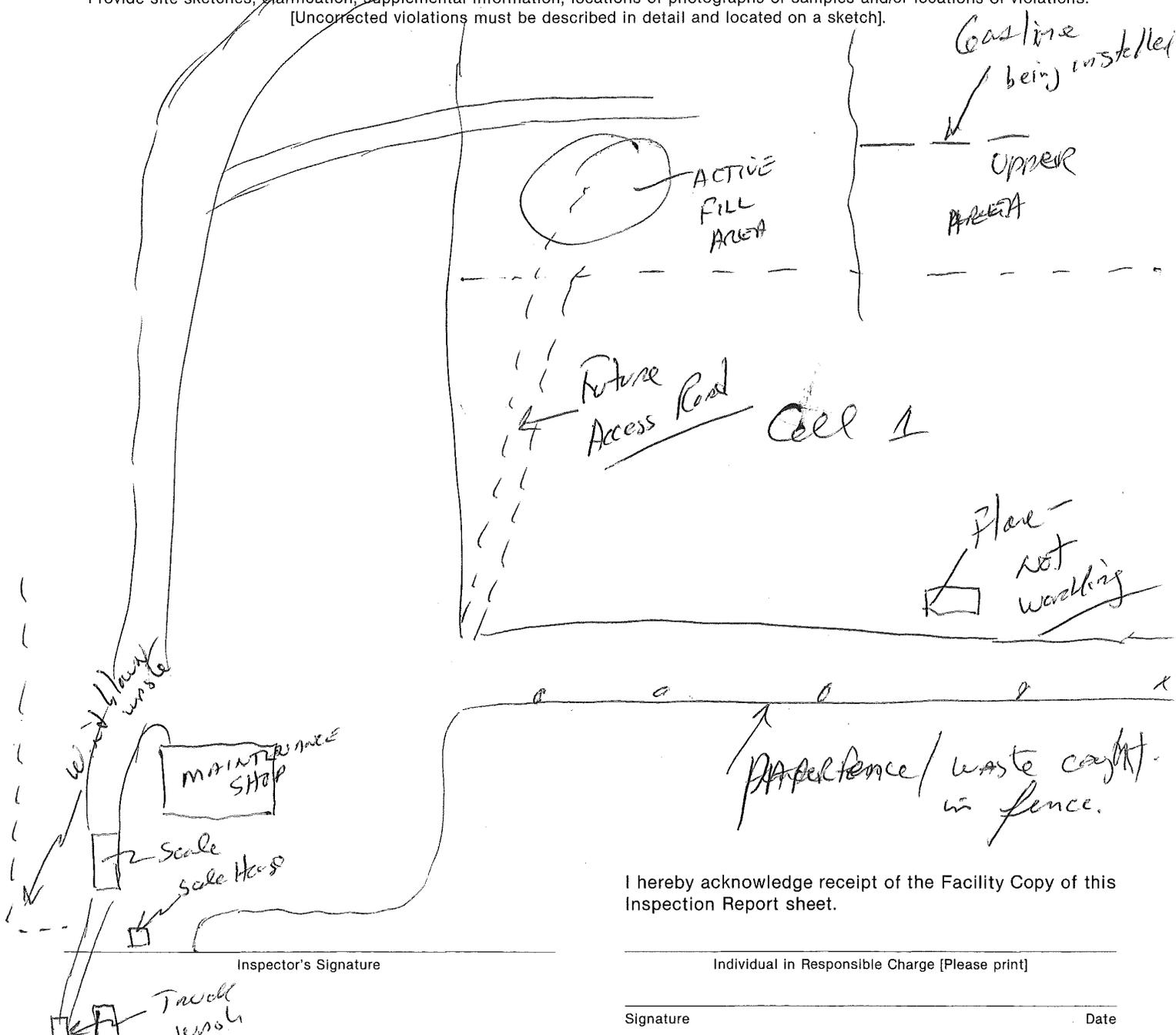
SOLID WASTE MANAGEMENT FACILITY INSPECTION REPORT

Continuation Sheet

FACILITY NAME <i>Hyland Facility</i>		LOCATION <i>Helmuth Rd. Angelica (T)</i>		FACILITY NO. <i>925170208071100</i>	DATE <i>07/11/00</i>	TIME
INSPECTOR'S NAME <i>Kevin Hirtz</i>		CODE <i>S</i>	PERSONS INTERVIEWED AND TITLES			
REGION <i>9</i>	WEATHER CONDITIONS		DEC PERMIT NUMBER			
SHEET <i>2</i> of <i>2</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.
Additional Violations May be Noted on Sheet One of this Inspection Report.

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



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

Inspector's Signature

Individual in Responsible Charge [Please print]

Signature

Date

MH/KH/File
MTH/

MONITORING REPORT

JIL
Releasable X 02517
Non-Releasable

DISTRIBUTION: Jeffrey Schmitt
Mark Hans, Kevin Hintz \ file
Jerry Leone (New England Waste Services)
Jerry Hagan - Hyland Facility Associates
Angelica Town Board

FACILITY NAME: Hyland Landfill
FACILITY NUMBER: 02 S 17
DATE: March 20, 2007
REPORTING PERIOD: January 2007
FACILITY MONITOR: Richard Stroh *RAS*
DAYS AT SITE: 1/4, 1/12, 1/19, 1/26 and 1/31

OBSERVATIONS

A copy of the "NYCRR Subpart 360-2 Solid Waste Management Facility Inspection Report" dated January 26, 2007 is attached for this report period. There were no violations cited. It was written that an odor complaint had been received from a citizen. It was noted that there were operational problems with the gas flare which was periodically shutting down. It was noted that a contractor was decommissioning monitoring wells south of the landfill.

Waste placement continued to Cell 2 G/H, the southeast quadrant of the landfill. Mixed municipal waste and construction debris were unloaded on top of the third lift. The waste was pushed to the lift face of the fourth lift, mixed with wastewater treatment plant sludge and processed by a compactor. Waste was also placed at the northeast corner of the cell to fill the former entrance ramp. Landfill operators removed tires from receipts. Soil excavated south of the landfill was used to cover the top of the waste. On 1/19 a Department Engineer requested more cover at the west end of the cell. More soil cover was placed. Processed demolition debris was used to cover the lift face inside the landfill and as road bud. A stockpile of processed demolition debris was placed on the east end of Cell 2 E/F. A concern was expressed to the Landfill Manager on 1/23 because the stockpile was not in the operating area of the landfill. The Department monitor was

informed that the stockpile was placed there because the planned installation of gas collection lines would disrupt traffic flow in the landfill. The stockpile of processed demolition debris in Cell 2 E/F would be used as road bud when the excavated areas were refilled. Wood chips were also used to improve driving conditions in the landfill. A stockpile of wood chips was placed on top of Cell 2 E/F at the northwest corner. The Landfill Manager was advised that runoff from the stockpile would have to be contained. Trucks were assisted in the landfill due to wet conditions. Litter caught by the fences north and east of Cell 1 was routinely removed by facility personnel.

Levels in the sumps of the leachate collection system were observed to be below the activation level of the pumps during the reporting period. On 1/12 lights were activated for the secondary sump of Cell 1 A/B and the groundwater sump of Cell 2 G/H, indicating a high level. A contractor was called to check the circuits and the problem was corrected. The level in the leachate storage tanks was observed to be in the range of 13.8 feet to 20.7 feet. Leachate was routinely removed and sent for disposal. The groundwater level in the standpipes at the leachate containment area was observed to be above the vault floor but water in the vault did not overflow the sump. A fuel tank with containment was installed in the road loop.

The gas flare operated with a flow in the range of 830 SCFM - 920 SCFM. In the middle of the month the gas flare began to shut down intermittently. A recording chart for the period of January 19 - 25 is attached. The blower would shut off, the temperature of the flare would rise, then the flare would shut down. The manufacturer of the flare was called about the problem. The manufacturer recommended replacement of the control unit for the blower. One was ordered and installed on 1/31. The gas flare operated well the next day. The Department monitor received an odor complaint by email from a citizen on 1/26. The monitor did observe a slight landfill gas odor on Peacock Hill Road in the early afternoon. When the Landfill Manager was informed about the odor complaint and odor observation, the monitor was informed about the gas flare problem and a shutdown shortly before the monitor's arrival. The gas flare had been restarted. A copy of the response to the complaint is attached.

Upon inquiry the Department monitor was informed on 1/12 that no methane had been detected at Gas Probe #2 on the Monday, Wednesday and Friday measurements. The monitor authorized a reduction in measurements to weekly.

The truck wash was taken out of service on 1/4 when a truck hit and broke the sensor. Management is considering replacing it with a new system.

Harvesting of trees southwest of the landfill continued. Timber was also harvested south of the leachate storage tanks. A contractor cleared remaining brush and placed it northwest of the leachate storage tanks. The brush was chipped southwest of the tanks then the chips were placed in a stockpile on top of Cell 2 E/F. Facility personnel began to remove soil from the west bank of the West Stormwater Pond. The Landfill Manager and facility engineer were notified on 1/4 by the Department monitor that the Department had not yet approved the excavation plan to prepare for landfill construction. Upon consultation with the Department, approval was given to excavate soil west of the West Stormwater Pond for use as cover material. A silt screen was installed on the west bank of the pond. A contractor began to excavate soil the third week of the month. Soil was excavated west of the West Stormwater Pond and placed at the southeast corner of the borrow area. Soil was also removed from the perimeter road south of Cell 2 E/F and scraped off the south berm of the cell. Topsoil was stockpiled southwest of the excavation area. Silt fences were placed. A trailer and scrap material southeast of the landfill were removed. The contractor began to excavate soil from the area and to stockpile it at an area further south. At the end of the month the contractor began to remove soil south of the East Stormwater Pond and to place it in the stockpile in the borrow area.

Another contractor decommissioned monitoring wells and gas probes south of the landfill. These included overburden wells #27A, #28A, #29A, #30AR, bedrock wells #6, #27, #28, #29, #30 and gas probes #6, #7 and #8. These wells and probes are in the fingerprint of Cell 3. Construction of Cell 3 is expected to begin this summer.

AREAS OF CONCERN

Excavation was begun south of the landfill without Department approval.

The gas flare shut down intermittently. A landfill gas odor was observed off site.

AREAS OF PROGRESS

Four overburden wells, five bedrock wells and three gas probes were decommissioned.

A contractor began excavating and stockpiling soil south of the landfill.

Feb 02 517
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 HYLAND LANDFILL		LOCATION ANGELICA	FACILITY NUMBER 012517	DATE 01/26/07	TIME 1545
INSPECTOR'S NAME RICHARD R. STROH		CODE M	PERSONS INTERVIEWED AND TITLES JERRY HAGAN, LANDFILL MANAGER		
REGION 9	WEATHER CONDITIONS WEST WIND 0-5 MPH		DEC PERMIT NUMBER 9-101232-10000311000021		
SHEET 1	CONTINUATION SHEET ATTACHED <input type="checkbox"/> Yes <input type="checkbox"/> No	PART(S) 360- 1			

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.

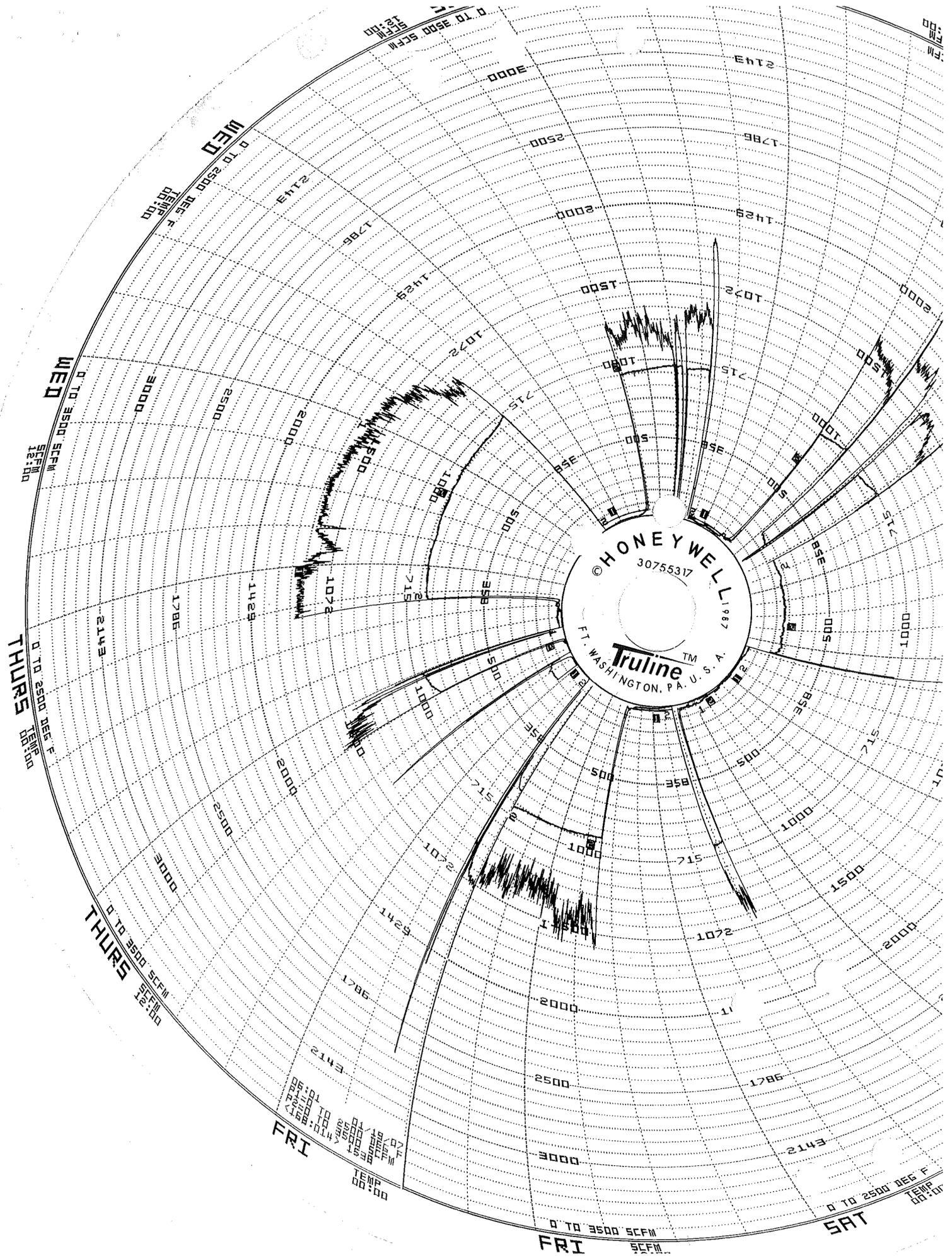
PART 360 PERMIT ORDER ON CONSENT EXEMPT COMPLAINT

- | | | | |
|-------------------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | FACILITY MANAGEMENT |
| <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 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"/> | 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). AN ODOR COMPLAINT WAS WATER RECEIVED FROM A CITIZEN THIS MORNING |
| <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"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MONITORING |
| <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). DECOMMISSIONING MONITORING WELLS SOUTH OF LANDFILL FOR CONSTRUCTION OF CELL 3 |
| <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. |
- OPERATIONAL PROBLEMS WITH GAS FLARE, PERIODICALLY SHUTS DOWN. INVESTIGATING PROBLEM**

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

Richard R. Stroh
Inspector's Signature

Jerry Hagan
Individual in Responsible Charge (Please print)
Jerry Hagan
Signature Date



HONEYWELL
30755317
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FT. WASHINGTON, PA. U.S.A.
Truline™

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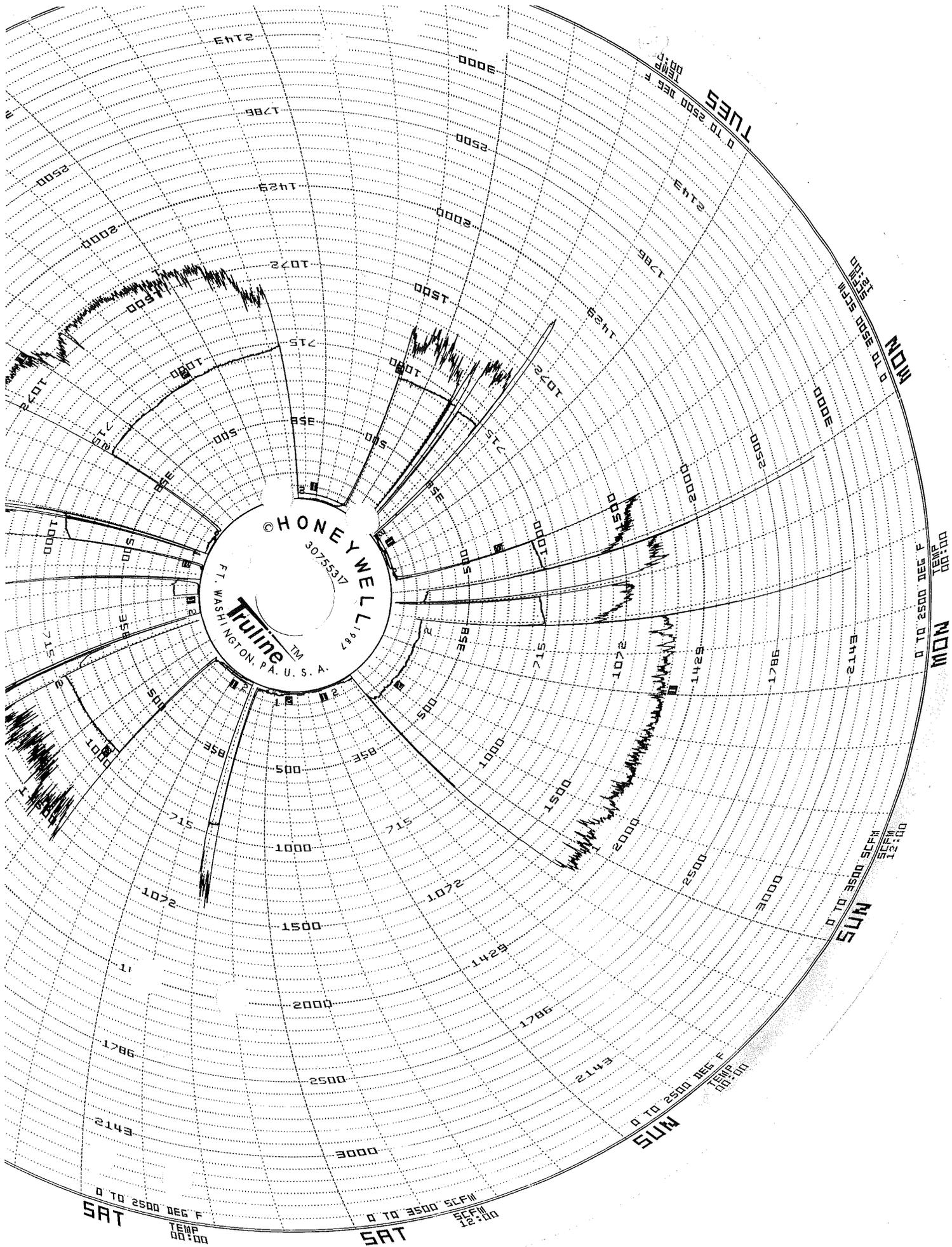
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From: Richard Stroh
To: Sherri, Presutti
Date: 1/26/2007 6:17:19 PM
Subject: Re: Hyland garbage odor

I inspected Hyland Landfill today. The odor you observed can be attributed to landfill gas. There have been operational problems with the gas flare. It has been shutting down intermittently. A contractor has been hired to investigate the problem and to repair the gas flare. A part has been ordered to repair the gas flare.

>>> "Presutti Sherri" <presutsa@alfredstate.edu> 01/26/07 8:17 AM >>>
The smell from the dump was absolutely disgusting this morning.
Makes me want to throw up.

Sherri Presutti
Angelica, NY

MH/KH/RS/File
MTM *me* RRS



New York State Department of Environmental Conservation
Division of Solid and Hazardous Materials, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2999
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.state.ny.us

MEMORANDUM

OIL

Releasable X DZS?

Non-Releasable

To: Mr. Mark Hans, P.E.
From: Ms. Mary McIntosh, Engineering Geologist II *MM*
Subj: Hyland Landfill
Date: February 16, 2007

On January 17, and January 30 I was on site at Hyland Landfill to observe the progress of decommissioning wells south of Cell 2, in preparation for construction of cell 3. Wells 27A, 28A, 29A, 30AR, 6, 27, 28, 29 and 30, and gas probes GP-6, 7, and 8 needed to be removed. On January 17 Brian Bartron and Harold Cleaver of Earth Dimensions were at well 28A. Brian had placed A-rods down the well to a depth of 39.5 feet and was augering down over the rods. By the afternoon he had augered to 40.5 feet and pulled the rods up. The entire well structure came up on the rods, with the screen wrapped around the rods. The augers were removed and the borehole was grouted up. I went over the work performed by Earth Dimensions on the 15th and 16th of January. Three gas probes were removed on the 15th and 16th, including GP-6, 7, and 8.

From Brian's notes, GP-6 was abandoned on the 15th. It was overdrilled to 21 feet with hollow stem augers, and 15 feet of one inch screen and 7 feet of one inch riser were recovered. The gas probe was grouted up with 50 gallons of grout, composed of 33 gallons of water, 470 pounds of Type II cement, and 15 pounds of bentonite. Gas probe GP-7 was also removed on the 15th, with the probe being overdrilled to 21.5 feet. Brian retrieved 15 feet of screen and 7.5 feet of one inch riser. The borehole was grouted with 50 gallons of the same grout mix as above. Gas probe GP-8 was abandoned on the 15th-16th, with overdrilling to 21.5 feet, recovery of 15 feet of screen and 7.5 feet of one inch riser, and grouting.

Well MW-6 was abandoned on the 16th. The well was overdrilled to 19 feet, with retrieval of 5 feet of 10 slot 2 inch screen, and 14 feet of 2 inch riser. Forty three gallons of grout were used to grout the borehole. Well 27A was also abandoned on the 16th in the same manner. I walked around and observed the screens and risers that had been removed, and the lengths generally corresponded to Brian's notes. The protective casings had been removed at deep wells 27 and 28, but Earth Dimensions was planning on bringing in a bigger rig to abandon the deep wells. Well 29 (also a deep bedrock well) was flowing (artesian) and rather than try to overdrill and risk increasing the flow and create a real problem, Brian wanted to abandon the well in place. The regulations allow this, as long as the screen is grouted separately and tested prior to the rest of the borehole being grouted up. I too was concerned that overdrilling might lead to a stronger artesian flow which would be hard to control and make sealing the borehole difficult or impossible, so I allowed the well to be abandoned in place.

Mr. Mark Hans
Hyland Landfill
February 16, 2007
Page 2

On January 22 I spoke with Brian to see how things were going. He had decommissioned well 30 by augering to 41 feet. All of the well materials came out except the screen, so he roller bitted to 51 feet to grind everything up. Well 30AR was overdrilled to 26 feet and everything came out. A stickup pipe was placed on well 29 and the static water level was about 2.5 feet above the top of the existing riser. Brian grouted up the screened section and allowed the grout to set for a couple days, then tested it by bailing the well and seeing if it recharged, which it did not. The well was grouted up some more on January 25 and was to be tested again on January 26 before grouting all the way up. When construction reaches final grade in this area, a bentonite pad will be placed over the location, which was staked and located by GIS survey, as a further protective measure below the liner system.

I was called at home on January 25 because Brian was experiencing a problem with the abandonment of well 27. He had augered down to 127 feet with the A-rods in the well, which was the maximum depth to which the rods would go down. The total well depth was 137 feet. When he tried to pull the rods up they were wedged in tight, and they broke at about 30 feet down. He managed to get the PVC well out to 127 feet, and tried to move the augers up and down to free the rods, but they wouldn't budge. He pulled all of the augers out, but the rods were still locked up in the bottom of the borehole. He thought part of the well screen had shredded and wrapped up around the rods. Alternatives were to put three inch casing down and try to free the rods up, but Brian was afraid that the three inch casing would become locked up too. Running larger augers down wouldn't help because the problem was in the rock portion of the borehole, and this would result in more disturbance to the overburden in this area. Brian wanted to sacrifice his A-rods (at a cost of \$1800) and grout up the hole. We discussed trying to grout and test the rock portion first, but with no augers in the hole testing a discrete section would be nearly impossible. In this location subgrade is about 5 feet lower than the existing grade, so there would be 25 feet of soil above the rods that would be left in place. There was no water in the hole at this time. After much discussion we agreed that grouting the rods in place was the alternative that would likely have the best chance of achieving the goal of sealing up the borehole. We agreed that a bentonite pad would also be placed over the borehole in this location when the area was excavated to grade. Brian has discussed this with Hyland personnel and they are aware of this requirement.

I called Brian back from home on Friday January 26, which was my pass day, to see how things were progressing. Brian had gotten the tremie pipe down the borehole and observed well sand coming back up in the grout overflow, so he feels confident the screened zone in the rock was grouted. He pumped 300 gallons of grout down the hole.

On January 30 I was on site again to observe the abandonments. The big drill rig was being taken offsite for repair due to transmission problems. Brian said well 29 had been grouted up on Friday the 26th, after he tested the partial seal and found it was holding. The smaller rig was at well 28, where they had augered down to the rock socket. The total well depth was 105 feet from ground surface. They were reaming and flushing the rock, and PVC shards and well sand could be observed in the return water. They went to 107 feet and flushed the hole out. They got the tremie pipe all the way down the hole and grouted up with about 250 gallons of grout.

Mr. Mark Hans
Hyland Landfill
February 16, 2007
Page 3

The program was completed as of February 1. Hyland will submit a formal report summarizing the activities which took place.

MM:deg
mcm\hans-c3.mo

cc: Mr. Kevin Hintz, NYSDEC
Mr. Richard Stroh, NYSDEC