

## Annual/Quarterly Report

A. This MSW, Industrial or Ash Landfill Report is for the year of operation from

January, 2010 to December, 2010

B. Quarterly Report for:      Quarter 1      Quarter 2      Quarter 3 xx (annual)      Quarter 4

### SECTION 1 – Owner / Facility Information

<b>FACILITY NAME:</b> Hyland Facility Associates			
<b>FACILITY ADDRESS:</b> 6653 Herdman Road, Angelica		<b>STATE:</b> NY	<b>ZIP CODE:</b> 14709
<b>FACILITY TOWN:</b> Angelica	<b>FACILITY COUNTY:</b> Allegany	<b>NYSDEC REGION #:</b> 9	
<b>FACILITY NYS PLANNING UNIT:</b> Allegany County			
<b>360 PERMIT #:</b> 9-0232-00003/00002	<b>DATE ISSUED:</b> 10/10/07	<b>DATE EXPIRES:</b> 05/01/11	<b>NYS DEC ACTIVITY CODE OR REGISTRATION NUMBER:</b> 02S17
<b>FACILITY CONTACT:</b> Joseph R. Boyles		<b>TELEPHONE NUMBER:</b> 585.466.7271	<b>FAX NUMBER:</b> 585.466.3206
<b>CONTACT EMAIL ADDRESS:</b> Joe.Boyles@Casella.com			
<b>OWNER NAME:</b> Hyland Facility Associates		<b>TELEPHONE NUMBER:</b> 585.466.7271	<b>FAX NUMBER:</b> 585.466.3206
<b>MAILING ADDRESS:</b> 6653 Herdman Road, Angelica, NY		<b>STATE:</b> NY	<b>ZIP CODE:</b> 14709

**SECTION 2 - Site Life**

**Also See Attachment: 5**

1. Landfill Capacity Utilized Last Year (reporting year).

a. What is the estimated landfill capacity that was utilized during the reporting year?

Between aerial survey dates 10/26/09 & 11/02/10: 260426 yds<sup>3</sup>

b. What is the estimated in-situ waste density for the reporting year?

Including ADC Between Surveys (as above): 1.46 tons/cubic yard

2. Remaining Constructed Capacity

a. What is the remaining capacity of the landfill that is already constructed?

As of 11/02/10: 475,153 Cubic Yards of Airspace

b. What is the estimated remaining life of the constructed capacity?

1 Years 0 Months

at 384,400 Tons/Year.\*

\* Please note that this tonnage rate must include all materials placed in the landfill, i.e., waste, soil, cover, alternative daily covers, etc.

c. Is the tonnage rate reported under 2.b. based on (select one):

           Last year's disposal amount?

           Estimated future disposal?

  x   Permit limit?

Other (explain): \_\_\_\_\_

3. Permitted Capacity Still to be Constructed

a. What is the remaining but not yet constructed landfill capacity that is authorized by a Part 360 permit?

9,969,203 Cubic Yards of Airspace

b. What is the projected life of capacity reported in 3a.?

20 Years 9 Months

at 384,400 Tons/Year.\*

\* Please note that this tonnage rate must include all materials disposed in the landfill, i.e., waste, and soil and alternative daily covers.

c. Is the tonnage rate reported under 3.b. based on (select one):

           Last year's disposal amount?

           Estimated future disposal?

  x   Permit limit?

Other (explain): \_\_\_\_\_

4. Capacity Proposed in a Part 360 Permit Application

What is the capacity of any expansion proposed in a Part 360 permit application that has been submitted to the Department but not authorized by a permit as of the end of the reporting period?

\_\_\_\_\_ n/a \_\_\_\_\_ Cubic Yards of Airspace

5. Estimated Potential Future Capacity Not Permitted or in an Application (optional)

What is the estimated capacity of any potential future expansion at the facility that is not yet authorized by a permit or proposed in a Part 360 permit application that has been submitted to the Department?

\_\_\_\_\_ n/a \_\_\_\_\_ Cubic Yards of Airspace

**SECTION 3 - Primary Leachate**

Name of off-site leachate treatment facility(s) utilized: Wellsville W.W.T.P

Does the landfill have a constructed liner and a leachate collection system?  Yes  No

Enter the quantity of primary leachate that was collected, removed for on-site and off-site treatment, and recirculated each month, and the corresponding Acreage, by Cell: (Note: For double-lined landfills this should not include the volume of leachate collected from secondary leachate collection and removal systems.

		PRIMARY LEACHATE COLLECTED (GALLONS)						PRIMARY & SECONDARY LEACHATE TREATED OFF SITE (GALLONS)			
	Cell 1,2&3 40 Acres	n/a	n/a	n/a	n/a	n/a	Cell 1,2&3 40 Acres	Leachate combined when hauled to WWTP	n/a	n/a	n/a
January	456,070	n/a	n/a	n/a	n/a	n/a	441,487	n/a	n/a	n/a	n/a
February	326,763	n/a	n/a	n/a	n/a	n/a	730,345	n/a	n/a	n/a	n/a
March	632,130	n/a	n/a	n/a	n/a	n/a	474,184	n/a	n/a	n/a	n/a
April	470,357	n/a	n/a	n/a	n/a	n/a	680,596	n/a	n/a	n/a	n/a
May	435,889	n/a	n/a	n/a	n/a	n/a	443,804	n/a	n/a	n/a	n/a
June	363,660	n/a	n/a	n/a	n/a	n/a	180,677	n/a	n/a	n/a	n/a
July	611,755	n/a	n/a	n/a	n/a	n/a	314,728	n/a	n/a	n/a	n/a
August	550,344	n/a	n/a	n/a	n/a	n/a	712,522	n/a	n/a	n/a	n/a
September	664,323	n/a	n/a	n/a	n/a	n/a	693,014	n/a	n/a	n/a	n/a
October	510,755	n/a	n/a	n/a	n/a	n/a	601,110	n/a	n/a	n/a	n/a
November	544,912	n/a	n/a	n/a	n/a	n/a	461,719	n/a	n/a	n/a	n/a
December	444,257	n/a	n/a	n/a	n/a	n/a	569,593	n/a	n/a	n/a	n/a
ANNUAL	6,011,215	n/a	n/a	n/a	n/a	n/a	6,303,779	n/a	n/a	n/a	n/a

		PRIMARY/SECONDARY LEACHATE RECIRCULATED (GALLONS)						PRIMARY LEACHATE TREATED ON SITE (GALLONS)					
	Cell 1,2&3 40 Acres	Cell 2 Acres	Cell 3 Acres	Cell 4 Acres	Cell 5 Acres	Cell 6 Acres	Cell 1 Acres	Cell 2 Acres	Cell 3 Acres	Cell 4 Acres	Cell 5 Acres	Cell 6 Acres	
January	56,000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
February	22,000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
March	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
April	16,500	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
May	54,000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
June	12,000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
July	60,000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
August	30,000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
September	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
October	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
November	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
December	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
ANNUAL	250,500	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Submit (attached to this form) a copy of the maintenance logs which document compliance with the Operation and Maintenance Manual's schedule for the routine annual flushing and inspection of the primary leachate collection and removal system. List required submissions that have been attached to this form or the reason for not attaching a required piece of information:

Attachment 6

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Submit (attached to this form) a tabulated compilation of the semi-annual primary leachate quality data collected throughout the year including a summary comparing this year's data with the previous year's data and a summary discussion of results. This list should identify sample location(s) and method of analysis. List required submissions that have been attached to this form or the reason for not attaching a required piece of information:

Attachment 10

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#### **SECTION 4 - Secondary Leachate**

Does landfill have a double liner system with a secondary leachate collection and removal system?  Yes  No

Submit (attached to this form) a tabulated compilation of the semi-annual secondary leachate quality data collected throughout the year including a summary comparing this year's data with all previous years' data and a summary discussion of results. This list should identify sample location(s) and methods of analysis. List required submissions that have been attached to this form or the reason for not attaching a required piece of information:

Attachment 10

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Leachate Cost: (including transportation if appropriate) during the calendar year for leachate treatment: \$ ~\$300,000

Total quantity treated: 6,303,779 gal

Enter the quantity of secondary leachate that was collected, removed for on-site and off-site treatment, and recirculated each month, and the corresponding Acreage, by Cell:

SECONDARY LEACHATE COLLECTED (GALLONS)							SECONDARY LEACHATE TREATED OFF SITE (GALLONS)					
Cell 1,2&3 40 Acres	Cell 2 Acres	Cell 3 Acres	Cell 4 Acres	Cell 5 Acres	Cell 6 Acres		Cell 1 Acres	Cell 2 Acres	Cell 3 Acres	Cell 4 Acres	Cell 5 Acres	Cell 6 Acres
2,348	n/a	n/a	n/a	n/a	n/a		See Primary Section	n/a	n/a	n/a	n/a	n/a
1,594	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
1,584	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
1,157	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
821	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
2,367	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
1,427	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
1,624	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
3,086	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
1,754	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
1,029	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
1,029	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
19,820	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a

SECONDARY LEACHATE RECIRCULATED (GALLONS)							SECONDARY LEACHATE TREATED ON SITE (GALLONS)					
Cell 1 Acres	Cell 2 Acres	Cell 3 Acres	Cell 4 Acres	Cell 5 Acres	Cell 6 Acres		Cell 1 Acres	Cell 2 Acres	Cell 3 Acres	Cell 4 Acres	Cell 5 Acres	Cell 6 Acres
See Primary Section	n/a	n/a	n/a	n/a	n/a		See Primary Section	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a

December																									
ANNUAL																									

**SECTION 5 – Beneficial Use Materials**

For each type of waste material that the Department has approved for use as alternate daily cover, intermediate cover, or other landfill material, provide the annual weight in tons, use (i.e., daily cover, intermediate cover, etc.), and source of material. (If material is from a solid waste facility also provide facility name, address, NYS Planning Unit, County/ Province, and State/Country.) **Refer to the list of NYS Planning Units that can be found at the end of this report.**

Type of Solid Waste	Weight (tons/year)	Use	NYS Planning Unit	County or Province	State or Country	Source (Facility and Address)
Aggregate/Concrete	0					
Contaminated Soil	3473	ADC & Road				
Foundry Sand	0					
Glass	0					
Industrial Waste (Please specify)	0					
Combined with processed sludge	0					
MSW/Wood Ash	34.7	ADC				
Paper Mill Sludge						
Processed C&D	4453	Road				
Shredder Fluff	42191	ADC				
Tire Chips						
Wood/Wood Chips	7.5	Road				
Other: Drill Cuttings	17373	ADC				
Salt Sludge	49.5	ADC				
C&D Debris / Tiles	2985	ADC & Road				
<b>Total ADC</b>	<b>61,189</b>					
<b>Total Beneficial Use Materials</b>	<b>70,567</b>					

**Percent Alternative Daily Cover (ADC) Calculation**

ADC Calculations: Total Tons ADC/Total Tons Waste Disposed x 100 = 19.7

Please note the calculation is: Tons ADC (from table above)/Tons Solid Waste (from table in Section 6) x 100 and **Not:** Tons ADC / (Tons Solid Waste + ADC) x 100



## SECTION 6 - Quantity of Solid Waste Disposed

### A. Quantity Disposed by Month/Year

Provide the tonnages of solid waste disposed. Exclude Beneficial Use Material amounts reported in Section 5 and Materials Recovered amounts reported in Section 7. Specify the methods used to measure the quantities disposed and the percentages measured by each method:

\_\_\_\_\_ % Scale Weight  
 \_\_\_\_\_ % Truck Count  
 \_\_\_\_\_ % Estimated  
 \_\_\_\_\_ % Other (Specify: \_\_\_\_\_)

Type of Solid Waste	January (tons)	February (tons)	March (tons)	April (tons)	May (tons)	June (tons)	July (tons)
Asbestos	0	0	0	0	0	0	0
Ash (Coal)	0	0	0	0	0	0	0
Ash (MSW Energy Recovery)	0	0	0	0	0	0	0
Construction & Demolition Debris (mixed)	816.69	731.85	1,153.36	2,502.28	2,217.53	2,490.67	1,432.44
Industrial Waste (Including Industrial Process Sludges)	396.95	411.81	454.36	409.92	382.17	438.64	977.63
Mixed Municipal Solid Waste (Residential, Institutional & Commercial)	9,316.54	8,385.75	11,939.38	13,798.88	11,660.47	12,043.98	8,100.76
Oil/Gas Drilling Waste	0	309.21	6162.88	6986.86	9772.73	23657.35	16078.06
Petroleum Contaminated Soil	0	0	0	0	0	0	0
Sewage Treatment Plant Sludge	2,950.66	1670.46	2,688.44	2,293.05	2,390.21	2,347.12	2,000.23
Treated Regulated Medical Waste	0	0	0	0	0	0	0
Other (Please specify)	0	0	0	0	0	0	0
<b>Total Tons Disposed</b>	<b>13480.84</b>	<b>11509.08</b>	<b>22388.42</b>	<b>25990.99</b>	<b>26423.11</b>	<b>40977.76</b>	<b>28569.12</b>

**SECTION 6 - Quantity of Solid Waste Disposed (continued)**

**A. Quantity Disposed by Month/Year**

Type of Solid Waste	Tip Fee (\$)	August (tons)	September (tons)	October (tons)	November (tons)	December (tons)	Total Year (tons)	Daily Avg. (tons)
Asbestos		NA						
Ash (Coal)		0	0	0	0	0	0	0
Ash (MSW Energy Recovery)		0	0	0	0	0	0	0
Construction & Demolition Debris (mixed)		2,017.27	1,658.65	1,257.12	1,457.68	852.75	18,588.29	59.4
Industrial Waste (Including Industrial Process Sludges)		1244.27	1,112.23	1,671.73	756.35	854.35	9110.41	29.1
Mixed Municipal Solid Waste (Residential, Institutional & Commercial)		9,457.15	8,971.50	4,746.03	5,027.19	5,271.60	108,719.23	347.3
Oil/Gas Drilling Waste		15679.62	22687.74	26164.14	19939.27	7970.46	155408.32	496.5
Petroleum Contaminated Soil		0	0	0	0	0	0	0
Sewage Treatment Plant Sludge		706.40	766.82	596.85	415.86	413.15	19,239.25	61.5
Treated Regulated Medical Waste		0	0	0	0	0	0	0
Other (Please specify)		0	0	0	0	0	0	0
Total Tons Disposed		29104.71	35196.94	39,446.48	32,688.27	19,098.64	311,065.50	993.8

Daily Average Based on 313 Days Permitted

**B. Quantity Disposed by Facility's Service Area**

Identify the facility's service area by indicating the type of solid waste (Direct Haul), the corresponding NYS Planning Unit, the County, and the State. **Data Requested Below is Proprietary Customer Information** found at the end of this report. Note: "Direct Haul" means the waste is hauled directly to the disposal site and should equal the total amount reported in Section 6A (Quantity Disposed by Facility's Service Area).

Identify the facility (SWMF) from which it was received by your facility (or received. Refer to the list of NYS Planning Units that can be found at the end of this report. Note: "Direct Haul" means the waste is hauled directly to the disposal site and should equal the total amount reported in Section 6A (Quantity Disposed by Facility's Service Area). The total amount reported here should not go through another SWMF. The total amount reported here should be in CUBIC YARDS!

Specify transport method and percentages of total waste transported by each:

\_\_\_% Road \_\_\_% Rail

\_\_\_% Water \_\_\_% Other (specify): \_\_\_\_\_

Explain which waste types and service areas below are included in these transport methods \_\_\_\_\_

B. Quantity Disposed by Facility's Service Area					
Type of Solid Waste	NYS Planning Unit	County or Province	State or Country	Solid Waste Management Facility (Name & Location)	Quantity (tons)
Asbestos					
Ash (Coal)					
Ash (MSW Energy Recovery)					
Construction & Demolition Debris (mixed)					
Industrial Waste (Including)					

B. Quantity Disposed by Facility's Service Area

Type of Solid Waste Industrial Process Sludges)	NYS Planning Unit	County or Province	State or Country	Solid Waste Management Facility (Name & Location)	Quantity (tons)
<b>Mixed Municipal Solid Waste (Residential, Institutional &amp; Commercial)</b>					
<b>Oil/Gas Drilling Waste</b>					
<b>Petroleum Contaminated Soil</b>					
<b>Sewage Treatment Plant Sludge</b>					
<b>Treated Regulated Medical Waste (TRMW)*</b>					
<b>Other (Please specify)</b>					
				<b>Total Tons Disposed</b>	

\* List generators that provide you Certificates of Treatment forms and quantities of TRMW from each \_\_\_\_\_

# SECTION 7 - RECYCLABLES & RECOVERED MATERIALS

## A. Quantity of Recyclable Material Received by Facility's Service Area

Identify the facility's service area by indicating the type of facility (or Direct Haul), the corresponding NYS Planning Units that can be found at the end of this

Management facility (SWMF) from which it was received by your facility from which waste was received. Refer to the list of NYS SWMF which did not go through another SWMF. DO NOT REPORT IN CUBIC YARDS!

**THIS SECTION NOT APPLICABLE**

Specify transport method and percentages of total waste transported by each:

\_\_\_\_\_ % Road \_\_\_\_\_ % Rail \_\_\_\_\_ % Water \_\_\_\_\_ % Other (specify: \_\_\_\_\_)

Explain which waste types and service areas below are included in these transport methods \_\_\_\_\_

\_\_\_\_\_ HYLAND FACILITY DOSE NOT RECYCLE \_\_\_\_\_

RECYCLABLE MATERIAL	NYS PLANNING UNIT	COUNTY OR PROVINCE	STATE OR COUNTRY	SOLID WASTE MANAGEMENT FACILITY FROM WHICH IT WAS RECEIVED (Name & Address)	TONS RECYCLED
<b>SERVICE AREA:</b>					
Brush, Branches, Trees, & Stumps					
Comingled Containers (metal, glass, plastic)					
Comingled Paper (all grades)					
Electronics					
Food Scraps					
Leaves & Grass					
Single Stream (total)					
Other (specify) _____					
<b>TOTAL RECEIVED (tons):</b>					

**B. Quantity of Recyclable Material Recovered**  
**TONS RECYCLED:** (Report only in tons. A list of conversion factors is included at the end of this Section)  
**DESTINATION:** (Indicate facilities where recyclables were shipped. Be specific as possible. "Recycled" is NOT a destination)  
**PLANNING UNIT:** (Refer to the list of NYS Planning Units that can be found at the end of this report.)

Specify transport method and percentages of total waste transported by each:

\_\_\_\_\_ % Road \_\_\_\_\_ % Rail \_\_\_\_\_ % Water

\_\_\_\_\_ % Other (specify: \_\_\_\_\_)

Explain which waste types and service areas below are included in these transport methods \_\_\_\_\_

RECYCLABLE MATERIAL	NYS PLANNING UNIT	COUNTY OR PROVINCE	STATE OR COUNTRY	DESTINATION FACILITY (Name & Address)	TONS RECYCLED (out of facility)
<b>PAPER:</b>					
Corrugated Cardboard					
Junk Mail					
Magazines					
Newspaper					
Office Paper					
Paperboard / Boxboard					
Other Paper (specify)					
<b>PAPER RESIDUE (tons):</b> _____					<b>DISPOSAL DESTINATION:</b> _____
<b>TOTAL PAPER RECYCLED (tons):</b> _____					

B. Quantity of Recyclable Material Recovered (continued)

RECYCLABLE MATERIAL	NYS PLANNING UNIT	COUNTY OR PROVINCE	STATE OR COUNTRY	DESTINATION FACILITY (Name & Address)	TONS RECYCLED (out of facility)
<b>GLASS:</b>					
Container Glass					
Industrial Scrap Glass					
Non - Container Glass (e.g. windows, vases)					
<b>TOTAL GLASS RECYCLED (tons):</b>					
<b>GLASS RESIDUE (tons):</b>					
<b>METAL:</b>					
Aluminum Foil / Trays					
Bulk Metal					
Enameled Appliances / White Goods					
Industrial Scrap Metal					
Tin & Aluminum Containers					
Other Metal (specify)					
<b>TOTAL METAL RECYCLED (tons):</b>					
<b>METAL RESIDUE (tons):</b>					
<b>DISPOSAL DESTINATION:</b>					

**B. Quantity of Recyclable Material Recovered (continued)**

RECYCLABLE MATERIAL	NYS PLANNING UNIT	COUNTY OR PROVINCE	STATE OR COUNTRY	DESTINATION FACILITY (Name & Address)	TONS RECYCLED (out of facility)
<b>PLASTIC:</b>					
PET (plastic #1)					
HDPE (plastic #2)					
Other Rigid Plastics (#3 - #7)					
Industrial Scrap Plastic					
Plastic Film & Bags					
<b>TOTAL PLASTIC RECYCLED (tons):</b>					
<b>PLASTIC RESIDUE (tons):</b>			<b>DISPOSAL DESTINATION:</b>		



**B. Quantity of Recyclable Material Recovered (continued)**

RECYCLABLE MATERIAL	NYS PLANNING UNIT	COUNTY OR PROVINCE	STATE OR COUNTRY	DESTINATION FACILITY (Name & Address)	TONS RECYCLED (out of facility)
<b>MISCELLANEOUS:</b>					
Brush, Branches, Trees & Stumps					
Commingled (containers)					
Commingled (paper & containers)					
Electronics					
Food Scraps					
Leaves & Grass					
Textiles					
Other (specify)					
<b>TOTAL MISCELLANEOUS RECYCLED (tons):</b>					

MISCELLANEOUS RESIDUE (tons):	DISPOSAL DESTINATION:

**VOLUME TO WEIGHT CONVERSION FACTORS**

MATERIAL	EQUIVALENT	MATERIAL	EQUIVALENT	MATERIAL	EQUIVALENT
GLASS - whole bottles	1 cubic yard 0.35 tons	GLASS - crushed mechanically	1 cubic yard 0.88 tons	ALUMINIUM - cans -- whole	1 cubic yard 0.03 tons
GLASS - semi crushed	1 cubic yard 0.70 tons	GLASS - uncrushed manually	55 gallon drum 0.16 tons	ALUMINIUM - cans -- flattened	1 cubic yard 0.125 tons
PAPER - high grade loose	1 cubic yard 0.18 tons	PLASTIC - PET - whole	1 cubic yard 0.015 tons		
PAPER - high grade baled	1 cubic yard 0.36 tons	PLASTIC - PET - flattened	1 cubic yard 0.04 tons		
PAPER - mixed loose	1 cubic yard 0.15 tons	PLASTIC - PET - baled	1 cubic yard 0.38 tons	WHITE GOODS - uncompacted	1 cubic yard 0.10 tons
NEWSPRINT - loose	1 cubic yard 0.29 tons	PLASTIC - styrofoam	1 cubic yard 0.02 tons	WHITE GOODS - compacted	1 cubic yard 0.5 tons
NEWSPRINT - compacted	1 cubic yard 0.43 tons	PLASTIC - HDPE - whole	1 cubic yard 0.012 tons		
CORRUGATED - loose	1 cubic yard 0.015 tons	PLASTIC - HDPE - flattened 1	1 cubic yard 0.03 tons		
CORRUGATED - baled	1 cubic yard 0.55 tons	PLASTIC - HDPE - baled	1 cubic yard 0.38 tons	FERROUS METAL - cans whole	1 cubic yard 0.08 tons
		PLASTIC - mixed (grocery bags)	45 gallon bag 0.01 tons	FERROUS METAL - cans	1 cubic yard 0.43 tons

**SECTION 8 - Unauthorized Solid Waste**

Has unauthorized solid waste been received at the Landfill during the reporting period? \_\_\_\_\_ Yes xx No  
 If yes, give information below for each incident (attach additional sheets if necessary):

Date Received	Type Received	Date Disposed	Disposal Method & Location

**Radiation Monitoring**

Does your facility use a fixed radiation monitor? \_\_\_\_\_ Yes xx No  
 Identify Manufacturer \_\_\_\_\_ and Model \_\_\_\_\_ of fixed unit.  
 Does your facility use a portable radiation monitor? \_\_\_\_\_ Yes \_\_\_\_\_ No  
 Identify Manufacturer \_\_\_\_\_ and Model \_\_\_\_\_ of fixed unit.

If the radiation monitors have been triggered give information below for each incident:

Incident Number	Received		Hauler	Origin	Truck Number	Reading	Disposal Status	Removed	
	Date	Time						Date	Time

## SECTION 9 - Waste in Place

### Summary by Waste Type and Year

Include all active and inactive sections of the landfill. Report waste disposed annually by type, if known, in tons per year. Report total waste disposed, if breakdown of types is not available. In the case where more than one landfill section operated in a given year identify each separately, if known. If the annual amount is not available, report the quantities for a range of years. If you include amounts from old, closed landfills then clearly identify them on the table and explain below. In each row, report quantities disposed each year (or group of years if individual years unknown) for each waste type. Report cumulative WIP at bottom (sum of annual quantities disposed). Add additional sheets as necessary.

Year	MSW (tons)	Asbestos Waste (tons)	Ash (tons)	C&D Debris (tons)	Industrial Waste (tons)	Petroleum Contaminated Soil (tons)	Sewage Treatment Plant Sludge (tons)	MSW/C&D MIXED (tons)	Year(s) Total (tons)	Identify Landfill Section(s) Used
1998-2000	151,208	7,271	1,966	51,512	27,869	1,115	707	129,229	370,877	CELL 1
2001	18,805	655	0	6,422	1,956	242	1,781	199,923	229,784	CELL 1
2002	18,437	0	0	6,004	7,560	89	2,037	190,833	224,960	CELL 1
2003	4,951	0	0	2,316	26,299	0	1,741	197,010	232,317	CELL 1 & 2
2004	107,313	0	0	17,178	16,402	0	21,939	0	225,832	CELL 1&2
2005	201,150	0	0	9,218	13,069	0	7,421	0	230,858	CELL 1&2
2006	212,848	0	0	942	4,603	0	12,680	0	231,073	CELL 1&2
2007	230,729	0	0	23,240	4,449	0	32,216	0	290,634	CELL 1&2
2008	198,674	0	0	43,308	15,276	0	23,937	0	281,195	CELL 1,2&3
2009	145,897	0	297	27,178	7,396	0	31,427	0	212,195	CELL 1,2&3
2010	108,719	0	0	18,588	164,519	0	19,239	0	311,065	CELL 1,2&3
<b>WIP Cumulative Total</b>	<b>1,398,731</b>	<b>7,926</b>	<b>2,263</b>	<b>205,906</b>	<b>289,398</b>	<b>1,446</b>	<b>155,125</b>	<b>716,995</b>	<b>2,840,790</b>	

\* Other waste could include, but not limited to, yard waste, paper, wood, textiles, or diapers.

Overall in place volume 4,239,985 (Based upon an average waste density of 0.67 tons/cy)                      cubic yards

Method for determining waste composition, if known.                      From Survey and Waste Tracking                     

Explain if closed landfills are included above                      n/a

**Waste Summary by Landfill Section**

Provide waste in place information for all landfill sections.

Number of landfill sections: \_\_\_\_\_  
Original\* section used (years) from \_\_\_\_\_ to \_\_\_\_\_ Landfill Sections are Contiguous and are all in \_\_\_\_\_ years) from \_\_\_\_\_ to \_\_\_\_\_  
Section Footprint \_\_\_\_\_ acres Operation - There are no closed Sections \_\_\_\_\_ acres  
Capped with approved final cover system Yes \_\_\_\_\_ No \_\_\_\_\_ Capped with approved final cover system Yes \_\_\_\_\_ No \_\_\_\_\_  
Percent capped \_\_\_\_\_ Percent capped \_\_\_\_\_  
Waste in Place: \_\_\_\_\_ Tons \_\_\_\_\_ Cubic Yards, if known \_\_\_\_\_ Tons \_\_\_\_\_ Cubic Yards, if known

\* If there are additional landfill sections, phases or cells, please provide the same waste in place information on additional sheets and attach to form.

**SECTION 10 - Landfill Gas**

Does the landfill have a landfill gas collection & control system?  
Yes  No \_\_\_\_\_ If Yes: Active  Passive \_\_\_\_\_

Number of gas wells: 27  
Total landfill footprint acreage: 39.4  
Total landfill acreage from which gas is collected: 39.4  
Landfill sections from which gas is collected: Cells 1, 2 and 3  
Landfill acreage from which gas is collected for energy recovery: 39.4  
Measured Methane Generation Rate\*, k \_\_\_\_\_  
Measured Potential Methane Generation Capacity\*, L<sub>o</sub> \_\_\_\_\_ m<sup>3</sup>/Mg  
NMOC Concentration\* 211 ppmv as hexane  
Does the landfill require a Title V Permit? Yes  No \_\_\_\_\_

Name of Landfill Gas Recovery (gas to energy or other use) Facility: Hyland Landfill Gas to Energy Plant  
\* Note: If Concentration NMOC, L<sub>o</sub> and k are not known or included, default values will be used to calculate the NMOCs emissions from the Landfill.

**Flare**

**Open and Enclosed Flares located at the Landfill and the Landfill Gas Recovery Facility:**

Number of Flares: 1

Type of Flare: Opened Flare 1 Enclosed Flare \_\_\_\_\_

Quantity of Gas Collected and Flared Annually ~2,000,000 cubic feet

Flare Hours of Operation per Year ~30 hours/year

Methane Percentage in Landfill Gas before flaring 52 %

Methane Destruction efficiency 98 %

**Candlestick Flares:**

Number of Candlestick Flares n/a

Estimate of Gas Flared Candlestick Flare \_\_\_\_\_ cubic feet

**Gas To Energy**

Number of Internal Combustion Engines: 3

Quantity of Gas collected for Internal Combustion Engine Annually 819,082,020 cubic feet

Methane Destruction efficiency 98 %

Methane Percentage in Landfill Gas before combustion 52 %

Utility Company Receiving Electricity \_\_\_\_\_

**Gas Processed for Use (Other than gas to electricity)**

Quantity of Gas Collected for Processing N/A cubic feet

Methane Percentage in Landfill Gas before processing \_\_\_\_\_ %

On-site or Off-site User of Gas \_\_\_\_\_

**Landfill Gas Recovery Facility/Landfill Data**

Facility Contact Joseph Boyles Phone # (585)466-7271

Contact e-mail address Joesph.Boyles@Casella. Fax # (585)466-3206

Operation and maintenance cost for calendar year: \$ 841,906

Does the LGRF experience shut downs: X Yes \_\_\_\_\_ No

If yes, indicate reasons for shut downs. List required submissions that have been attached to this form or the reasons for not attaching a required piece of information:

**High oxygen levels in the LFG, utility trips, Maintenance** \_\_\_\_\_

Year landfill opened: 1998 Anticipated landfill closure date: 2025

### Results of Condensate Sampling

Submit (attached to this form) condensate quality monitoring results accomplished in accordance with condensate sampling. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

See Section 10

#### Landfill Gas Utilization for Energy Recovery

Month	LFG Collected for Energy Recovery (cubic ft)	Steam Generated (cubic ft)	Total Electricity* Generated for onsite and offsite use (KWh)	Total Gas Processed for Use Other Than Elect. Generation	Condensate Generated (gal)	Facility Operation (Hours)
JAN	71,175,510	N/A	3,419,760	N/A		741
FEB	63,897,345	N/A	3,093,960	N/A		669
MAR	66,884,295	N/A	3,304,080	N/A		724
APR	73,011,810	N/A	3,192,560	N/A		715
MAY	71,340,240	N/A	3,310,440	N/A		725
JUN	70,170,465	N/A	3,221,950	N/A		711
JUL	72,378,660	N/A	3,395,660	N/A		740
AUG	70,862,055	N/A	3,324,070	N/A		736
SEP	66,371,655	N/A	3,137,550	N/A		716
OCT	64,959,480	N/A	3,303,060	N/A		742
NOV	64,125,690	N/A	3,219,560	N/A		712
DEC	63,904,815	N/A	3,311,760	N/A		740
ANNUAL TOTAL	819,082,020		39,234,410		0	8,671

Normal Weekday of Operation: \_\_\_\_\_

7

Normal Hours of Operation: \_\_\_\_\_

24

Electricity Generated and used/marketed offsite:

37,526,610 KWH

Electricity Generated and Used Onsite:

1,707,800 KWH

Gas Processed and Used/Marketed

Offsite:

0 cubic feet

Gas Processed and Used Onsite:

0 cubic feet

Describe the collection, storage, treatment and disposal techniques used in managing the condensate:

Condensate is collected and returned to the landfill leachate collection system

## **SECTION 11 - Cost Estimates and Financial Assurance Documents**

Submit (attached to this form) any required cost estimates and financial assurance documents for closure, post-closure care, and applicable corrective measures, all reflecting adjustments for inflation and any changes to the Closure, Post Closure or Closure Maintenance Plans to indicate updated dollars for the year of operation for which the Annual Report is made. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

\_\_\_\_\_ **See Section 7** \_\_\_\_\_

## **SECTION 12 - Problems**

Identify any problems encountered during the reporting period (e.g., specific occurrences which have led to changes in facility procedures) and methods for resolution of the problems. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information: \_\_\_\_\_ **No Problems** \_\_\_\_\_

## **SECTION 13 - Changes**

Identify any changes from approved reports, plans, specifications, permit conditions and fill progression plan with a justification for each change. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

\_\_\_\_\_ **No Changes** \_\_\_\_\_

## **SECTION 14 - Analytical Results**

Submit (attached to this form) tables showing the sample collection date, the analytical results [including all peaks even if below the Method Detection Limits (MDL)], designation of upgradient wells and location number for each environmental monitoring point sampled, applicable water quality standards, and groundwater protection standards if established, MDL's, and Chemical Abstracts Service (CAS) numbers on all parameters. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

\_\_\_\_\_ **See Section 10** \_\_\_\_\_

## **SECTION 15 - Comparing Data**

Submit (attached to this form) tables or graphical representations comparing current water quality with existing water quality and with upgradient water quality. These comparisons may include Piper diagrams, Stiff diagrams, tables, or other analyses. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

\_\_\_\_\_ **See Section 10** \_\_\_\_\_

## **SECTION 16 - Discussion of Results**

Submit (attached to this form) a summary of any contraventions of State water quality standards, significant increases in concentrations above existing water quality, any exceedances of groundwater protection standards, and discussion of results, and any proposed modifications to the sampling and analysis schedule necessary to meet the Existing, Operational and Contingency water quality monitoring requirements. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

\_\_\_\_\_ **See Section 10** \_\_\_\_\_

### **SECTION 17 - Data Quality Assessment**

Submit (attached to this form) any required data quality assessment reports. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

\_\_\_\_\_ **See Section 10** \_\_\_\_\_

### **SECTION 18 - Summaries of Monitoring Data**

Submit (attached to this form) a summary of the water quality information presented in Sections 15 and 16 for the year of operation for which the Annual Report is made, noting any changes in water quality which have occurred throughout the year. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

\_\_\_\_\_ **See Section 10** \_\_\_\_\_

### **SECTION 19 - Surface Impoundments**

Does this landfill have a surface impoundment?       Yes       No

If yes, there are separate water quality reporting requirements for surface impoundments. Namely, for each surface impoundment, repeat Sections 14 through 17 above for Quarterly Reports and Section 18 above for Annual Reports. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

\_\_\_\_\_ **See Section 10** \_\_\_\_\_

### **SECTION 20 - Permit/Consent Order Reporting Requirements**

Are there any additional permit/consent order reporting requirements not covered by the previous sections of this form?       Yes       No

If yes, identify the reporting requirements with their respective responses below, attaching additional sheets as necessary. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

**Additional permit requirements for the 4<sup>th</sup> Quarter of 2010, as specified in Special Conditions #84 & #85:**

**#84.a. Amounts of waste . . . received from each New York State county on a county by county basis, from the United States on a state by state basis and from outside the country on a nation by nation basis.**

***Hyland: See Attachment #1***

**#84.b. Report on the receipt of unauthorized wastes received during the quarter.**

***Hyland: There was no unauthorized waste received during the quarter.***



#84.c. The amount of leachate collected and hauled off-site on a daily basis and the disposal location. The daily logs of leachate level in the leachate storage tank shall be provided as well.

*Hyland: See Attachment #2*

#84.d. The amounts of liquid collected from the secondary collection system on a daily basis.

*Hyland: See Attachment #2*

#84.e. The monthly Action Leakage Rate for the secondary collection system of each cell or subcell of the landfill.

*Hyland: See Attachment #2*

#84.f. The date when liquid is detected in any leak location, including the liquid removed from each location. This includes all leak detection locations including but not limited to those identified on the most recent approved weekly leachate inspection log.

*Hyland: See Attachment #4. There was no leakage from pipes, only liquid from air vent & some stormwater present (est. 5-10 gallons in the quarter).*

#84.g. The amount of ADC received during the quarter with a breakdown of how much was used, as well as the volume that is stockpiled on site.

*Hyland: See Attachment #3. There was approximately 5000 cy of material stockpiled at the end of the 4<sup>th</sup> Quarter*

#84.h. Results from the monitoring of the gas monitoring wells around the perimeter of the landfill.

*Hyland: See Attachment #10 (there is a chart in the text)*

#84.i. The analytical results for any condensate samples collected during the quarter being reported,

*Hyland: Please see Attachment #10*

#84.j. The amount of condensate collected, the disposal location and the number of gas extraction wells/laterals in operation.

*Hyland: Hyland collects condensate into the leachate collection system; the condensate is not metered (in compliance with NYSDEC approved design plans). All condensate is mixed with primary leachate and treated offsite at either the Wellsville, Jamestown or Westfield WWTP or recirculated*

*There are currently 50 horizontal and vertical wells in operation. There have been additional wells drilled but are not yet in service.*

#84.k. The amount of groundwater removed from each groundwater suppression system on a weekly basis. After Cell 5 is constructed, a flow rate shall be determined once per week. Weekly measurements shall occur during the operational life of the landfill and not during post-closure.

*Hyland: Hyland does not currently monitor the flow volume from the groundwater suppression system (in compliance with NYSDEC approved design plans).*

#84.l. The number of trucks delivering waste and ADC material to the site each day.

*Hyland: See Attachment #1*

#84.m. The amount of BUD material (drainage/ADC/road) delivered to the site each day, amount of material used and amount stored.

*Hyland: See Attachment #3. There was approximately 5,000 cy of material stockpiled at the end of the 4<sup>th</sup> QTR*

#85a. Amounts of waste . . . received from each New York State county on a county by county basis, from the United States on a state by state basis and from outside the country on a nation by nation basis.

*Hyland: See Attachment #1*

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**#85.b. Copies of current and up-to-date contracts with a minimum of 2 wastewater treatment facilities for the disposal of leachate for the up-coming year. In addition, copies of current and up-to-date contracts with the back-up hauler for the upcoming year shall be provided.**

***Hyland: See Attachment 8 & 9***

**#85.c. Any changes to the Fill Progression Plan or modifications to the landfill.**

***Hyland: No Changes***

**#85.d. An updated cost estimate for closure/post-closure activities to reflect inflation and/or any changes that may impact closure or post-closure**

***Hyland: See Attachment 7***

**#85.e. An updated topographic map (based on Fall conditions) of the site. Included with the topographic map shall be a discussion on the amount of waste received, the remaining volume/life of the site and a soil balance for the site. The soil balance shall include: the amount of soil required for cover, closure and other activities; the amount of soil remaining in the permitted borrow area; and the amount of soil that needs to be imported.**

***Hyland:***

***See Section 2 and Attachment #5***

**#85.f. Unusual events or accidents at the landfill and response by landfill personnel.**

***Hyland: Nothing to Report***

**#85.g. Any changes in water quality which have occurred throughout the report year and a summary of the water quality information.**

***Hyland: See Attachment 10***

**#85.h. Any approved changes from the approved plans, reports and specifications or permit, along with a justification for the change.**

***Hyland: No Changes***

**#85.i. Summary Report for the active gas system including the amount of gas burned and condensate collected.**

***Hyland: See Section 10 and Title V Reporting. Hyland does not track condensate volumes in compliance with NYSDEC Approved plans***

**#85.j. A detailed plan covering the next three years of operation and construction activities. The plan shall indicate which areas will be constructed, operated and/or closed.**

***Hyland***

***Hyland projects to Construct Cell 4A during the 2011 Construction season. The Cap placement on Cell 1 will be contingent upon settlement but projected closure is during 2012. There will be no Cell constructed in 2012 according to the latest projection but this is subject to change. In 2013, Hyland plans to construct and operate in a portion of Cell 5.***

**#85.k. Completed Landfill Gas Recovery Facility Annual Report**

***Submitted to Division of Air Resources***

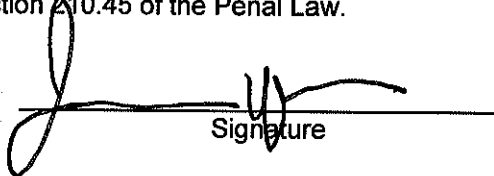
**SECTION 21 - Signature and Date By Owner or Operator**

Owner or Operator must sign, date and submit one completed form with an original signature to the appropriate Regional Office (See attachment for Regional Office addresses and Solid Waste Contacts.)

The Owner or Operator must also submit one copy by email, fax or mail to:

**New York State Department of Environmental Conservation  
Division of Materials Management  
Bureau of Permitting and Planning  
625 Broadway, 9<sup>th</sup> Floor  
Albany, New York 12233-7253  
Fax 518-402-9041  
Email address: [swpermit@gw.dec.state.ny.us](mailto:swpermit@gw.dec.state.ny.us)**

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority to sign this report form pursuant to 6 NYCRR Part 360. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

  
Signature

2/28/11  
Date

Joseph Boyles  
Name (Print or Type)

General Manager  
Title (Print or Type)

6653 Herdman Road  
Address

Angelica  
City

New York 14709  
State and Zip

( 585 ) 466 - 7271  
Phone Number

ATTACHMENTS:  YES  NO  
(Please check appropriate line)

Hyland Facility Associates  
 Angelica, NY

Tabulation of trucks delivering waste to the site on a daily basis for Oct,  
 Nov, and Dec 2010 (Includes BUD Materials)

Date	# of Trucks
10/1/10	86
10/2/10	43
10/3/10	0
10/4/10	119
10/5/10	91
10/6/10	74
10/7/10	89
10/8/10	73
10/9/10	45
10/10/10	0
10/11/10	95
10/12/10	80
10/13/10	78
10/14/10	83
10/15/10	74
10/16/10	17
10/17/10	0
10/18/10	94
10/19/10	98
10/20/10	87
10/21/10	99
10/22/10	76
10/23/10	17
10/24/10	0
10/25/10	102
10/26/10	91
10/27/10	67
10/28/10	73
10/29/10	77
10/30/10	38
10/31/10	0

**Total 1966**

Date	# of Trucks
11/1/10	99
11/2/10	92
11/3/10	81
11/4/10	82
11/5/10	74
11/6/10	28
11/7/10	0
11/8/10	106
11/9/10	81
11/10/10	57
11/11/10	92
11/12/10	92
11/13/10	27
11/14/10	0
11/15/10	132
11/16/10	110
11/17/10	59
11/18/10	65
11/19/10	63
11/20/10	0
11/21/10	0
11/22/10	64
11/23/10	68
11/24/10	43
11/25/10	0
11/26/10	37
11/27/10	0
11/28/10	0
11/29/10	48
11/30/10	46

**Total 1646**

Date	# of Trucks
12/1/10	40
12/2/10	38
12/3/10	40
12/4/10	0
12/5/10	0
12/6/10	44
12/7/10	42
12/8/10	35
12/9/10	34
12/10/10	40
12/11/10	0
12/12/10	0
12/13/10	58
12/14/10	59
12/15/10	34
12/16/10	50
12/17/10	47
12/18/10	0
12/19/10	0
12/20/10	45
12/21/10	41
12/22/10	28
12/23/10	60
12/24/10	51
12/25/10	0
12/26/10	0
12/27/10	69
12/28/10	62
12/29/10	44
12/30/10	50
12/31/10	63

**Total 1074**





Monthly Landfill Tonnage Report

Facility Name: Hyland Facility Associates
Month: December 2010
# of Working Days: 27

Tonnage Received, by waste type and county

Tonnages were obtained by: X Scale Weight Truck Count Estimated Other
Transport (check all that apply): X Road Rail Water Other

Wastes

Wastes approved for use as ADC, AIC, or other landfill material (BUD)

Table with columns for State, County, Mixed MSW, CAD, Ash/Slag, Industrial Waste, Ash (Coal), Ash (W/W/Energy Recovery), Sewage Treatment Plant Sludge, Petroleum Contaminated Soil, DDT Contaminants, Total W/Without BUD, Aggregate/Concrete/W/Glass, Wood / Wood Chips, MSW / Wood Ash, Compost, Paper Mill Sludge, Contaminated Soil, Spent Solvent, BUD ADC = 1564.97, BUD Tonnage = 87.88, Total BUD, Total Tonnage including BUD.

**Hyland Facility Associates**

<u>Date</u>	<u>Destination Facility</u>	<u>Gallons</u>
10/1/10	WWTP	13,907
10/4/10	WWTP	13,907
10/5/10	WWTP	35,473
10/5/10	WWTP	35,473
10/6/10	WWTP	26,437
10/6/10	WWTP	26,437
10/7/10	WWTP	26,633
10/7/10	WWTP	27,799
10/8/10	WWTP	27,799
10/8/10	WWTP	36,525
10/11/10	WWTP	36,525
10/11/10	WWTP	49,003
10/12/10	WWTP	49,003
10/13/10	WWTP	35,570
10/13/10	WWTP	35,570
10/14/10	WWTP	27,856
10/14/10	WWTP	27,856
10/14/10	WWTP	49,472
10/15/10	WWTP	49,472
10/15/10	WWTP	49,410
10/18/10	WWTP	49,410
10/18/10	WWTP	42,285
10/19/10	WWTP	42,285
10/19/10	WWTP	35,447
10/20/10	WWTP	35,447
10/20/10	WWTP	54,723
10/21/10	WWTP	54,723
10/21/10	WWTP	10,362
10/22/10	WWTP	10,362
10/22/10	WWTP	26,082
10/25/10	WWTP	26,082
10/25/10	WWTP	5,115
10/28/10	WWTP	5,115
10/28/10	WWTP	28,013
10/29/10	WWTP	28,013
10/29/10	WWTP	20,998
10/29/10	WWTP	20,998
Oct-10	Oct-10	601,110

601,110

WWTP=Wellsville WWTP

**Lechate Hauled on a Daily Basis**  
Daily Totals are in **BOLD**

<u>Date</u>	<u>Destination Facility</u>	<u>Gallons</u>
11/1/10	WWTP	42,512
11/2/10	WWTP	42,512
11/3/10	WWTP	26,722
11/3/10	WWTP	26,722
11/4/10	WWTP	35,525
11/4/10	WWTP	35,525
11/5/10	WWTP	35,517
11/5/10	WWTP	35,517
11/8/10	WWTP	35,479
11/8/10	WWTP	35,479
11/9/10	WWTP	20,300
11/9/10	WWTP	20,300
11/10/10	WWTP	10,091
11/10/10	WWTP	10,091
11/11/10	WWTP	25,552
11/11/10	WWTP	25,552
11/12/10	WWTP	17,657
11/12/10	WWTP	17,657
11/15/10	WWTP	35,505
11/15/10	WWTP	35,505
11/16/10	WWTP	27,941
11/16/10	WWTP	27,941
11/18/10	WWTP	27,878
11/18/10	WWTP	27,878
11/22/10	WWTP	35,463
11/22/10	WWTP	35,463
11/24/10	WWTP	35,331
11/24/10	WWTP	35,331
11/29/10	WWTP	35,363
11/29/10	WWTP	35,363
11/29/10	WWTP	14,883
11/29/10	WWTP	14,883
Nov-10	Nov-10	461,719

461,719

<u>Date</u>	<u>Destination Facility</u>	<u>Gallons</u>
12/1/10	WWTP	8,933
12/2/10	WWTP	8,933
12/3/10	WWTP	8,480
12/3/10	WWTP	8,480
12/6/10	WWTP	33,495
12/6/10	WWTP	33,495
12/7/10	WWTP	26,072
12/7/10	WWTP	26,072
12/8/10	WWTP	26,317
12/8/10	WWTP	26,317
12/9/10	WWTP	35,081
12/9/10	WWTP	35,081
12/10/10	WWTP	35,245
12/10/10	WWTP	35,245
12/13/10	WWTP	35,391
12/13/10	WWTP	35,391
12/14/10	WWTP	35,537
12/14/10	WWTP	35,537
12/15/10	WWTP	8,703
12/15/10	WWTP	8,703
12/16/10	WWTP	26,257
12/16/10	WWTP	26,257
12/17/10	WWTP	35,591
12/17/10	WWTP	35,591
12/21/10	WWTP	26,695
12/21/10	WWTP	26,695
12/22/10	WWTP	20,953
12/22/10	WWTP	20,953
12/23/10	WWTP	27,245
12/23/10	WWTP	27,245
12/24/10	WWTP	23,475
12/24/10	WWTP	23,475
12/28/10	WWTP	17,877
12/28/10	WWTP	17,877
12/29/10	WWTP	24,009
12/29/10	WWTP	24,009
12/30/10	WWTP	42,443
12/30/10	WWTP	42,443
12/31/11	WWTP	40,284
12/31/11	WWTP	40,284
12/31/11	WWTP	31,510
12/31/11	WWTP	31,510
Dec-10	Dec-10	569,593

569,593



Hyland Facility Associates

Daily Leachate Tracking October 2010

Bay 1 (North Impoundment)

Bay 2 (South Impoundment)

Date	Transducer Reading from Pro-Control (ft)	Time Measured	Leachate Level (South Bay) gals	Leachate Capacity to Overflow gals	Date	Transducer Reading from Pro-Control (ft)	Time Measured	Leachate Level (South Bay) gals	Leachate Capacity to Overflow gals	Totalized Leachate Generation including Loadout
09/30/10	4.3	23:50	19,079	532,182	09/30/10	9.1	23:50	238,345	318,669	27,366
10/01/10	4.4	23:50	21,874	529,387	10/01/10	9.4	23:50	257,909	299,105	36,266
10/02/10	4.5	23:50	24,726	526,535	10/02/10	10.1	23:50	306,595	250,419	51,538
10/03/10	4.5	23:50	24,726	526,535	10/03/10	10.5	23:50	336,382	220,632	29,787
10/04/10	4.7	23:50	30,606	520,655	10/04/10	10.5	23:50	336,382	220,632	41,353
10/05/10	5.1	23:50	43,074	508,187	10/05/10	10.4	23:50	328,798	228,216	31,321
10/06/10	5.7	23:50	64,085	487,176	10/06/10	10.4	23:50	328,798	228,216	47,644
10/07/10	6.4	23:50	92,248	459,013	10/07/10	10.5	23:50	336,382	220,632	63,546
10/08/10	6.3	23:50	88,007	463,254	10/08/10	10.2	23:50	313,904	243,110	9,806
10/09/10	6.9	23:50	114,497	436,764	10/09/10	10.3	23:50	321,305	235,709	33,891
10/10/10	7.6	23:50	148,673	402,588	10/10/10	10.3	23:50	321,305	235,709	34,176
10/11/10	8.2	23:50	180,909	370,352	10/11/10	9.9	23:50	292,250	264,764	52,184
10/12/10	8.3	23:50	186,556	364,705	10/12/10	9.8	23:50	285,208	271,806	34,175
10/13/10	4.4	23:50	21,874	529,387	10/13/10	10.0	23:50	299,378	257,636	-122,656
10/14/10	4.5	23:50	24,726	526,535	10/14/10	9.7	23:50	278,254	278,760	31,200
10/15/10	4.1	23:50	16,134	535,127	10/15/10	9.5	23:50	264,604	292,410	-8,482
10/16/10	4.1	23:50	16,134	535,127	10/16/10	9.6	23:50	271,386	285,628	6,782
10/17/10	4.2	23:50	17,593	533,668	10/17/10	9.7	23:50	278,254	278,760	8,327
10/18/10	3.7	23:50	10,555	540,706	10/18/10	9.6	23:50	271,386	285,628	28,379
10/19/10	3.5	23:50	7,917	543,344	10/19/10	9.6	23:50	271,386	285,628	32,809
10/20/10	3.3	23:50	5,378	545,883	10/20/10	9.6	23:50	271,386	285,628	52,184
10/21/10	3.4	23:50	6,635	544,626	10/21/10	9.7	23:50	278,254	278,760	18,487
10/22/10	3.4	23:50	6,635	544,626	10/22/10	9.6	23:50	271,386	285,628	19,214
10/23/10	3.4	23:50	6,635	544,626	10/23/10	9.7	23:50	278,254	278,760	6,868
10/24/10	3.4	23:50	6,635	544,626	10/24/10	9.7	23:50	278,254	278,760	0
10/25/10	3.2	23:50	4,303	546,958	10/25/10	10.1	23:50	306,595	250,419	31,124
10/26/10	3.3	23:50	5,378	545,883	10/26/10	10.4	23:50	328,798	228,216	23,278
10/27/10	3.7	23:50	10,555	540,706	10/27/10	10.4	23:50	328,798	228,216	5,177
10/28/10	4.1	23:50	16,134	535,127	10/28/10	10.1	23:50	306,595	250,419	11,389
10/29/10	4.6	23:50	27,637	523,624	10/29/10	9.9	23:50	292,250	264,764	18,156
10/30/10	4.7	23:50	30,606	520,655	10/30/10	9.9	23:50	292,250	264,764	2,969
10/31/10	4.8	23:50	33,633	517,628	10/31/10	9.9	23:50	292,250	264,764	5,996

Total Leachate Collected **514,232**  
 Secondary Leachate Collected **3,477**  
 Total Primary Collected **510,755**

NOTE: On 10/13 there was a repair made on the transducer bubbler system that corrected the pond elevation reading thus showing an apparent loss in level (loss of leachate). Future readings will be measured against a physical scale that will be placed in the pond during the next impoundment cleaning. Total leachate reported will not reflect this decrease. Other Negative values can be accounted for by transducers floating - small changes in value results in large changes in apparent volume

Date	Secondary Liquid Cell 1 A/B Meter Reading	Secondary Liquid Cell 1 A/B Daily Flow	Secondary Liquid Cell 1 C/D Meter Reading	Secondary Liquid Cell 1 C/D Daily Flow	Secondary Liquid Cell 2 E/F Meter Reading	Secondary Liquid Cell 2 E/F Daily Flow	Secondary Liquid Cell 2 G/H Meter Reading	Secondary Liquid Cell 2 G/H Daily Flow	Secondary Liquid Cell 3 Totalizer Reading	Secondary Liquid Cell 3 Daily Flow	North Impoundment Bay Totalizer Reading	North Impoundment Bay Daily Flow	South Impoundment Bay Totalizer Reading	South Impoundment Bay Daily Flow
09/30/10	262109	24	64192	0	207812	0	114986	39	152201	0	914276	0	1963	0
10/01/10	262157	48	64192	0	207812	0	114964	78	152201	0	914276	0	1963	0
10/02/10	262157	0	64192	0	207812	0	115003	39	152201	0	914276	0	1963	0
10/03/10	262193	36	64192	0	207812	0	115063	60	152507	306	914276	0	1963	0
10/04/10	262231	38	64192	0	207812	0	115107	44	152507	0	914276	0	1963	0
10/05/10	262231	0	64192	0	207812	0	115107	0	152507	0	914276	0	1963	0
10/06/10	262231	0	64192	0	207812	0	115125	18	152507	0	914276	0	1963	0
10/07/10	262267	36	64202	10	207812	0	115223	116	152535	28	914276	0	1963	0
10/08/10	262306	39	64202	0	207812	0	115243	20	152535	0	914276	0	1963	0
10/09/10	262306	0	64202	0	207812	0	115283	40	152535	0	914276	0	1963	0
10/10/10	262306	0	64202	0	207812	0	115322	39	152925	390	914276	0	1963	0
10/11/10	262306	0	64202	0	207812	0	115363	41	152925	0	914276	0	1963	0
10/12/10	262385	79	64202	0	207812	0	115402	80	152925	0	914276	0	1963	0
10/13/10	262407	22	64202	0	207812	0	115428	26	152925	0	914276	0	1963	0
10/14/10	262407	0	64238	36	207812	0	115468	40	152925	0	914276	0	1963	0
10/15/10	262407	0	64238	0	207812	0	115509	41	153284	359	914276	0	1963	0
10/16/10	262407	0	64238	0	207812	0	115528	19	153284	0	914276	0	1963	0
10/17/10	262407	0	64238	0	207812	0	115569	41	153284	0	914276	0	1963	0
10/18/10	262446	39	64238	0	207812	0	115609	40	153284	0	914276	0	1963	0
10/19/10	262446	0	64238	0	207812	0	115629	20	153284	0	914276	0	1963	0
10/20/10	262446	0	64238	0	207812	0	115669	40	153508	224	914276	0	1963	0
10/21/10	262481	35	64238	0	207812	0	115710	41	153508	0	914276	0	1963	0
10/22/10	262481	0	64238	0	207812	0	115750	40	153581	73	914276	0	1963	0
10/23/10	262516	35	64238	0	207812	0	115790	40	153581	0	914276	0	1963	0
10/24/10	262516	0	64238	0	207812	0	115810	20	153581	0	914276	0	1963	0
10/25/10	262516	0	64238	0	207812	0	115849	39	153581	0	914276	0	1963	0
10/26/10	262551	35	64238	0	207812	0	115869	20	153748	167	914276	0	1963	0
10/27/10	262551	0	64238	0	207812	0	115929	60	153748	0	914276	0	1963	0
10/28/10	262588	37	64238	0	207812	0	115970	41	153748	0	914276	0	1963	0
10/29/10	262588	0	64238	0	207812	0	116009	39	153748	0	914276	0	1963	0
10/30/10	262588	0	64238	0	207812	0	116049	40	153924	176	914276	0	1963	0
10/31/10	262627	39	64238	0	207812	0	116089	40	153924	0	914276	0	1963	0

**A/B ALR:** 1.7      **C/D ALR:** 0.2      **E/F ALR:** 0.0      **G/H ALR:** 10.2      **Cell 3 ALR:** 5.0      **N IMP Sec:** 0.00      **S IMP Sec:** 0.00  
**Total A/B:** 446      **Total C/D:** 46      **Total E/F:** 0      **Total G/H:** 1262      **Total Cell 3:** 1723      **Total North:** 0      **Total South:** 0  
**Secondary Total:** 3477

Hyland Facility Associates

Daily Leachate Tracking November 2010

Bay 1 (North Impoundment)

Bay 2 (South Impoundment)

Date	Transducer Reading from Pro-control (ft)	Time Measured	Leachate Level (South Bay) gals	Leachate Capacity to Overflow gals
10/31/10	4.8	23:50	33,633	517,628
11/01/10	5.2	23:50	46,369	504,892
11/02/10	5.6	23:50	60,377	490,884
11/03/10	6.9	23:50	114,497	436,764
11/04/10	6.9	23:50	114,497	436,764
11/05/10	7.0	23:50	119,156	432,105
11/06/10	7.0	23:50	119,156	432,105
11/07/10	7.2	23:50	128,694	422,567
11/08/10	7.4	23:50	138,533	412,728
11/09/10	7.5	23:50	143,565	407,696
11/10/10	7.6	23:50	148,673	402,588
11/11/10	7.5	23:50	143,565	407,696
11/12/10	7.6	23:50	148,673	402,588
11/13/10	7.7	23:50	153,856	397,405
11/14/10	7.7	23:50	153,856	397,405
11/15/10	7.7	23:50	153,856	397,405
11/16/10	7.8	23:50	159,114	392,147
11/17/10	8.5	23:50	198,091	353,170
11/18/10	8.6	23:50	203,979	347,282
11/19/10	9.0	23:50	228,335	322,926
11/20/10	9.1	23:50	234,627	316,634
11/21/10	9.2	23:50	241,006	310,255
11/22/10	9.6	23:50	267,380	283,881
11/23/10	9.6	23:50	267,380	283,881
11/24/10	9.4	23:50	254,021	297,240
11/25/10	9.4	23:50	254,021	297,240
11/26/10	9.8	23:50	281,083	270,178
11/27/10	9.9	23:50	288,063	263,198
11/28/10	9.9	23:50	288,063	263,198
11/29/10	10.8	23:50	354,950	196,311
11/30/10	10.2	23:50	309,533	241,728

Date	Transducer Reading from Pro-control (ft)	Time Measured	Leachate Level (South Bay) gals	Leachate Capacity to Overflow gals	Totalized Leachate Generation including Loadout
10/31/10	9.9	23:50	292,250	264,764	5,996
11/01/10	9.5	23:50	264,604	292,410	27,602
11/02/10	9.2	23:50	244,780	312,234	20,906
11/03/10	8.8	23:50	219,549	337,465	64,414
11/04/10	8.6	23:50	207,426	349,588	23,394
11/05/10	8.3	23:50	189,850	367,164	22,562
11/06/10	8.3	23:50	189,850	367,164	0
11/07/10	8.3	23:50	189,850	367,164	9,538
11/08/10	8.1	23:50	178,538	378,476	18,827
11/09/10	7.9	23:50	167,548	389,466	4,133
11/10/10	7.6	23:50	151,635	405,379	14,747
11/11/10	7.5	23:50	146,482	410,532	7,396
11/12/10	7.1	23:50	126,627	430,387	20,758
11/13/10	7.1	23:50	126,627	430,387	5,183
11/14/10	7.1	23:50	126,627	430,387	0
11/15/10	6.9	23:50	117,151	439,863	-18,123
11/16/10	6.9	23:50	117,151	439,863	33,136
11/17/10	7.0	23:50	121,852	435,162	43,678
11/18/10	6.7	23:50	107,963	449,051	27,462
11/19/10	6.7	23:50	107,963	449,051	24,356
11/20/10	6.7	23:50	107,963	449,051	6,292
11/21/10	6.7	23:50	107,963	449,051	6,379
11/22/10	6.5	23:50	99,059	457,955	52,801
11/23/10	6.6	23:50	103,475	453,539	30,790
11/24/10	6.6	23:50	103,475	453,539	22,004
11/25/10	6.6	23:50	103,475	453,539	0
11/26/10	6.7	23:50	107,963	449,051	31,550
11/27/10	6.6	23:50	103,475	453,539	2,492
11/28/10	6.6	23:50	103,475	453,539	0
11/29/10	6.6	23:50	103,475	453,539	81,770
11/30/10	6.8	23:50	112,521	444,493	-36,371

NOTE: There are some negative generation values. These are a result of transducer output fluctuation esp. during low flow periods.

Even minute changes in a level reading causes a substantial change in volume perception.

Total Leachate Collected **547,676**  
 Secondary Leachate Collected **2,764**  
 Total Primary Collected **544,912**

Date	Secondary Liquid Cell 1 A/B Meter Reading	Secondary Liquid Cell 1 C/D Meter Reading	Secondary Liquid Cell 1 C/D Daily Flow	Secondary Liquid Cell 2 E/F Meter Reading	Secondary Liquid Cell 2 E/F Daily Flow	Secondary Liquid Cell 2 G/H Meter Reading	Secondary Liquid Cell 2 G/H Daily Flow	Secondary Liquid Cell 3 Totalizer Reading	Secondary Liquid Cell 3 Daily Flow	North Impoundment Bay Totalizer Reading	North Impoundment Bay Daily Flow	South Impoundment Bay Totalizer Reading	South Impoundment Bay Daily Flow
10/31/10	262627	64238	0	207812	0	116089	40	153924	0	914276	0	914276	0
11/01/10	262629	64238	0	207812	0	116109	20	153924	0	914276	0	914276	0
11/02/10	262629	64238	0	207812	0	116149	40	154103	179	914276	0	914276	0
11/03/10	262629	64238	0	207812	0	116170	21	154103	0	914276	0	914276	0
11/04/10	262662	64238	0	207812	0	116209	39	154103	0	914276	0	914276	0
11/05/10	262662	64238	0	207812	0	116249	40	154103	0	914276	0	914276	0
11/06/10	262698	64238	0	207812	0	116268	19	154103	0	914276	0	914276	0
11/07/10	262698	64238	0	207812	0	116288	39	154103	0	914276	0	914276	0
11/08/10	262698	64238	0	207812	0	116328	40	154131	28	914276	0	914276	0
11/09/10	262698	64238	0	207812	0	116348	40	154175	44	914276	0	914276	0
11/10/10	262735	64238	0	207812	0	116409	61	154359	184	914276	0	914276	0
11/11/10	262735	64238	0	207812	0	116409	0	154359	0	914276	0	914276	0
11/12/10	262735	64238	0	207812	0	116429	20	154360	1	914276	0	914276	0
11/13/10	262735	64238	0	207812	0	116450	21	154360	0	914276	0	914276	0
11/14/10	262769	64238	0	207812	0	116490	40	154360	0	914276	0	914276	0
11/15/10	262769	64238	0	207812	0	116511	21	154360	0	914276	0	914276	0
11/16/10	262769	64238	0	207812	0	116531	20	154576	216	914276	0	914276	0
11/17/10	262769	64238	0	207812	0	116551	20	154576	0	914276	0	914276	0
11/18/10	262797	64238	0	207812	0	116571	20	154576	0	914276	0	914276	0
11/19/10	262833	64238	0	207812	0	116591	20	154791	215	914276	0	914276	0
11/20/10	262833	64238	0	207812	0	116611	20	154791	0	914276	0	914276	0
11/21/10	262833	64238	0	207812	0	116632	21	154791	0	914276	0	914276	0
11/22/10	262870	64238	0	207812	0	116652	20	154999	208	914276	0	914276	0
11/23/10	262870	64238	0	207812	0	116672	20	154999	0	914276	0	914276	0
11/24/10	262870	64238	0	207812	0	116672	0	154999	0	914276	0	914276	0
11/25/10	262906	64238	0	207812	0	116718	46	155223	224	914276	0	914276	0
11/26/10	262906	64238	0	207812	0	116738	20	155223	0	914276	0	914276	0
11/27/10	262906	64238	0	207812	0	116759	21	155223	0	914276	0	914276	0
11/28/10	262942	64238	0	207812	0	116779	20	155452	229	914276	0	914276	0
11/29/10	262942	64238	0	207812	0	116800	21	155452	0	914276	0	914276	0
11/30/10	262942	64238	0	207812	0	116820	20	155659	207	914276	0	914276	0

**A/B ALR:** 1.1      **C/D ALR:** 0.0      **E/F ALR:** 0.0      **G/H ALR:** 6.3      **Cell 3 ALR:** 5.2      **N IMP Sec:** 0.00      **S IMP Sec:** 0.00  
**Total A/B:** 279      **Total C/D:** 0      **Total E/F:** 0      **Total G/H:** 750      **Total Cell 3:** 1735      **Total North:** 0      **Total South:** 0  
**Secondary Total:** 2764

Hyland Facility Associates

Daily Leachate Tracking December 2010

Bay 1 (North Impoundment)

Bay 2 (South Impoundment)

Date	Transducer Reading from Pro-control (ft)	Time Measured	Leachate Level (South Bay) gals	Leachate Capacity to Overflow gals	Date	Transducer Reading from Pro-control (ft)	Time Measured	Leachate Level (South Bay) gals	Leachate Capacity to Overflow gals	Totalized Leachate Generation including Loadout
11/30/10	10.2	23:50	309,533	241,728	11/30/10	6.8	23:50	112,521	444,493	-36,371
12/01/10	10.6	23:50	339,443	532,182	12/01/10	7.2	23:50	131,477	425,537	57,799
12/02/10	10.5	23:50	331,828	219,433	12/02/10	7.2	23:50	131,477	425,537	865
12/03/10	10.5	23:50	331,828	219,433	12/03/10	7.2	23:50	131,477	425,537	33,495
12/04/10	10.6	23:50	339,443	211,818	12/04/10	7.2	23:50	131,477	425,537	7,615
12/05/10	10.6	23:50	339,443	211,818	12/05/10	7.2	23:50	131,477	425,537	0
12/06/10	10.6	23:50	339,443	211,818	12/06/10	7.3	23:50	136,403	420,611	30,998
12/07/10	10.5	23:50	331,828	219,433	12/07/10	7.3	23:50	136,403	420,611	18,702
12/08/10	10.3	23:50	316,873	234,388	12/08/10	7.3	23:50	136,403	420,611	20,126
12/09/10	10.2	23:50	309,533	241,728	12/09/10	7.3	23:50	136,403	420,611	27,905
12/10/10	9.9	23:50	288,063	263,198	12/10/10	7.3	23:50	136,403	420,611	13,921
12/11/10	10.0	23:50	295,130	256,131	12/11/10	7.3	23:50	136,403	420,611	7,067
12/12/10	10.2	23:50	309,533	241,728	12/12/10	7.3	23:50	136,403	420,611	14,403
12/13/10	10.0	23:50	295,130	256,131	12/13/10	7.4	23:50	141,404	415,610	26,135
12/14/10	10.1	23:50	302,285	248,976	12/14/10	7.4	23:50	141,404	415,610	15,858
12/15/10	9.9	23:50	288,063	263,198	12/15/10	7.4	23:50	141,404	415,610	12,035
12/16/10	9.6	23:50	267,380	283,881	12/16/10	7.4	23:50	141,404	415,610	-6,562
12/17/10	9.5	23:50	260,657	290,604	12/17/10	7.4	23:50	141,404	415,610	19,972
12/18/10	9.6	23:50	267,380	283,881	12/18/10	7.4	23:50	141,404	415,610	6,723
12/19/10	9.7	23:50	274,188	277,073	12/19/10	7.4	23:50	141,404	415,610	6,808
12/20/10	10.0	23:50	295,130	256,131	12/20/10	7.4	23:50	141,404	415,610	20,942
12/21/10	10.1	23:50	302,285	248,976	12/21/10	7.4	23:50	141,404	415,610	28,108
12/22/10	10.3	23:50	316,873	234,388	12/22/10	7.5	23:50	146,482	410,532	46,911
12/23/10	10.2	23:50	309,533	241,728	12/23/10	7.5	23:50	146,482	410,532	16,135
12/24/10	10.1	23:50	302,285	248,976	12/24/10	7.5	23:50	146,482	410,532	3,289
12/25/10	10.1	23:50	302,285	248,976	12/25/10	7.5	23:50	146,482	410,532	0
12/26/10	10.2	23:50	309,533	241,728	12/26/10	7.5	23:50	146,482	410,532	7,248
12/27/10	10.3	23:50	316,873	234,388	12/27/10	7.5	23:50	146,482	410,532	7,340
12/28/10	10.2	23:50	309,533	241,728	12/28/10	7.4	23:50	141,404	415,610	11,591
12/29/10	9.7	23:50	274,188	277,073	12/29/10	7.4	23:50	141,404	415,610	7,098
12/30/10	9.4	23:50	254,021	297,240	12/30/10	7.4	23:50	141,404	415,610	20,117
12/31/10	9.2	23:50	241,006	310,255	12/31/10	7.5	23:50	146,482	410,532	23,573

NOTE: There are some negative generation values. These are a result of transducer output fluctuation esp. during low flow periods.

Even minute changes in a level reading causes a substantial change in volume perception.

Total Leachate Collected **448,418**  
 Secondary Leachate Collected **4,161**  
 Total Primary Collected **444,257**

Date	Secondary Liquid Cell 1 A/B Meter Reading	Secondary Liquid Cell 1 A/B Daily Flow	Secondary Liquid Cell 1 C/D Meter Reading	Secondary Liquid Cell 1 C/D Daily Flow	Secondary Liquid Cell 2 E/F Meter Reading	Secondary Liquid Cell 2 E/F Daily Flow	Secondary Liquid Cell 2 G/H Meter Reading	Secondary Liquid Cell 2 G/H Daily Flow	Secondary Liquid Cell 3 Totalizer Reading	Secondary Liquid Cell 3 Daily Flow	North Impoundment Bay Totalizer Reading	North Impoundment Bay Daily Flow	South Impoundment Bay Totalizer Reading	South Impoundment Bay Daily Flow
11/30/10	262942	0	64238	0	207812	0	116820	20	155659	207	914276	0	1963	0
12/01/10	262942	0	64238	0	207812	0	116840	0	155659	0	914276	0	1963	0
12/02/10	262972	30	64238	0	207812	0	116862	22	155727	68	914276	0	1963	0
12/03/10	262972	0	64238	0	207812	0	116882	20	155727	0	914362	86	1967	4
12/04/10	263006	34	64238	0	207812	0	116903	21	155727	0	914362	0	1967	0
12/05/10	263006	0	64238	0	207812	0	116924	21	155727	0	914362	0	1967	0
12/06/10	263035	29	64238	0	207812	0	116945	21	155727	0	914362	0	1967	0
12/07/10	263086	51	64238	0	207812	0	116966	21	156257	530	914486	124	1967	0
12/08/10	263120	34	64238	0	207812	0	116987	42	156491	764	914707	345	1967	0
12/09/10	263120	0	64238	0	207812	0	117007	20	156491	0	914869	162	1967	0
12/10/10	263160	40	64238	0	207812	0	117027	20	156491	0	914875	6	1967	0
12/11/10	263160	0	64238	0	207812	0	117048	21	156491	0	914875	0	1967	0
12/12/10	263160	0	64238	0	207812	0	117068	20	156491	0	914875	0	1967	0
12/13/10	263160	0	64238	0	207812	0	117068	20	156491	0	914875	0	1967	0
12/14/10	263185	25	64238	0	207812	0	117090	22	156491	0	914875	0	1967	0
12/15/10	263230	45	64238	0	207812	0	117133	43	156491	0	914875	0	1967	0
12/16/10	263230	0	64238	0	207812	0	117155	22	156491	0	914875	0	1967	0
12/17/10	263264	34	64238	0	207812	0	117176	21	156491	0	914875	0	1967	0
12/18/10	263264	0	64238	0	207812	0	117199	23	156491	0	914875	0	1967	0
12/19/10	263264	0	64238	0	207812	0	117199	0	156491	0	915035	160	1967	0
12/20/10	263296	32	64238	0	207812	0	117221	22	156491	0	915102	67	1967	0
12/21/10	263296	0	64238	0	207812	0	117242	21	156491	0	915178	76	1967	0
12/22/10	263296	0	64238	0	207812	0	117264	22	156491	0	915433	255	1967	0
12/23/10	263328	32	64238	0	207812	0	117284	20	157492	1001	915507	74	1967	0
12/24/10	263328	0	64238	0	207812	0	117284	0	157492	0	915549	42	1967	0
12/25/10	263328	0	64238	0	207812	0	117305	21	157492	0	915610	61	1967	0
12/26/10	263354	26	64238	0	207812	0	117327	22	157492	0	915641	31	1967	0
12/27/10	263381	27	64238	0	207812	0	117349	22	157492	0	915711	70	1967	0
12/28/10	263381	0	64238	0	207812	0	117371	22	157492	0	915766	125	1967	0
12/29/10	263381	0	64238	0	207812	0	117371	0	157508	16	915766	0	1967	0
12/30/10	263410	29	64238	0	207812	0	117391	20	158064	556	915766	0	1967	0
12/31/10	263410	0	64238	0	207812	0	117413	22	158064	197	915825	59	1967	0
<b>A/B ALR:</b>	<b>1.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>G/H ALR:</b>	<b>5.0</b>	<b>Cell 3 ALR</b>	<b>8.9</b>	<b>N IMP Sec</b>	<b>0.00</b>	<b>S IMP Sec</b>	<b>0.00</b>
<b>Total A/B:</b>	<b>415</b>	<b>0</b>	<b>Total C/D:</b>	<b>0</b>	<b>Total E/F:</b>	<b>0</b>	<b>Total G/H:</b>	<b>614</b>	<b>Total Cell 3:</b>	<b>3132</b>	<b>Total North:</b>	<b>0</b>	<b>Total South:</b>	<b>0</b>
							<b>Secondary Total:</b>	<b>4161</b>						

NOTE: On 5/11 the South Impoundment Secondary transducer was floating. The pump was turned off the entire month. There was no flow. There were no changes in sump level.