



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

June 29, 2012

Mr. Tony Furguele, Site Manager
Republic Services, Pine Grove Landfill
5131 Drinkle Road
Amanda, OH 43102

**Re: Pine Grove Landfill
NPDES Permit 4IN00160/ OH0121045
Compliance Evaluation Inspection
Fairfield County**

Dear Mr. Furguele:

On June 26, 2012, a Compliance Evaluation Inspection was conducted at the Pine Grove Landfill. Present for the inspection were Nathan Taylor and yourself representing Republic Services, and myself of the Ohio EPA, Central District Office, Division of Surface Water.

The purpose of the inspection was to evaluate compliance with the terms and conditions of your NPDES permit and to evaluate the operation and maintenance of the wastewater treatment systems at the landfill.

The facility is active in maintaining their sediment ponds and restricting runoff from the sandstone mining and liquid waste solidification areas. Leachate collection seems to be operating satisfactorily with leachate disposal occurring on a regular basis at local wastewater treatment facilities.

If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3854 or e-mail at paul.vandermeer@epa.ohio.gov.

Sincerely,

Paul L. Vandermeer
Environmental Specialist
Compliance and Enforcement Unit
Division of Surface Water
Central District Office

ec: Paul L. Vandermeer

PV/nsm Pine Grove

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4IN00160	OH0121045	CEI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
6/26/2012	9:05 AM	10:00 AM	No	No

SECTION B: FACILITY DATA

Name and Location of Facility Inspected	Permit Effective Date
Pine Grove Landfill 5131 Drinkle Road Amanda, OH 43102	8/1/2011
	Permit Expiration Date
	7/31/2016
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Nathan Taylor, Environmental Manager	(614) 308-3000
Name and Title of Responsible Official	Phone Number
Tony Furgiuele, Site Manager	(740) 969-4487

SECTION C: AREAS EVALUATED DURING INSPECTION

Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated

M	NPDES Compliance	Permit limit violations have diminished as maintenance has been performed on the ponds.
S	Operations & Maintenance	
S	Facility Site Review	
S	Collection System	Drainage is directed to the appropriate areas via ditches or leachate collection.
N	Flow Measurement	
S	Receiving Waters	
N	Laboratory	Test America performs all analyses. Hull Associates takes all samples.

Comments:

Signatures

	6/28/12		6/28/12
Paul L. Vandermeer, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Mike Gallaway, Reviewer Section Manager Division of Surface Water Central District Office	Date

Compliance Data for Pine Grove Landfill between 3/1/2006 to 6/1/2012

Summary

Permit Effluent Limit Violations: 29

Permit Effluent Code Violations: 0

Permit Effluent Frequency Violations: 0

Compliance Schedule Violations: 0

Limit Violations							
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date	
March 2006	001	Total Suspended Solids	30D Conc	30	127.	3/1/2006	
March 2006	002	Total Suspended Solids	1D Conc	45	251.	3/2/2006	
May 2006	001	pH	1D Conc	9.0	9.39	5/18/2006	
June 2006	001	pH	1D Conc	9.0	9.14	6/5/2006	
June 2006	002	pH	1D Conc	9.0	9.41	6/5/2006	
July 2006	002	pH	1D Conc	9.0	9.34	7/6/2006	
December 2006	001	Oil and Grease, Total	1D Conc	10	11.1	12/12/2006	
February 2007	001	Total Suspended Solids	30D Conc	30	49.	2/1/2007	
February 2007	001	Total Suspended Solids	1D Conc	45	49.	2/22/2007	
May 2007	002	pH	1D Conc	9.0	9.09	5/7/2007	
May 2007	002	pH	1D Conc	9.0	9.08	5/29/2007	
November 2007	002	Total Suspended Solids	30D Conc	30	83.	11/1/2007	
November 2007	002	Total Suspended Solids	1D Conc	45	109.	11/6/2007	
November 2007	002	Total Suspended Solids	1D Conc	45	57.	11/20/2007	
December 2007	002	Oil and Grease, Total	1D Conc	10	15.3	12/13/2007	
December 2008	001	pH	1D Conc	6.5	6.4	12/22/2008	
December 2008	002	pH	1D Conc	6.5	6.28	12/22/2008	
February 2009	001	Oil and Grease, Total	1D Conc	10	18.	2/19/2009	
December 2009	001	Oil and Grease, Total	1D Conc	10	14.3	12/7/2009	
March 2011	001	Total Suspended Solids	30D Conc	30	35.25	3/1/2011	
April 2011	001	Total Suspended Solids	30D Conc	30	65.5	4/1/2011	
April 2011	001	Total Suspended Solids	1D Conc	45	65.5	4/27/2011	
June 2011	001	Total Suspended Solids	30D Conc	30	756.75	6/1/2011	
June 2011	001	Total Suspended Solids	1D Conc	45	1490.	6/14/2011	
August 2011	003	Total Suspended Solids	30D Conc	30	216.	8/1/2011	
August 2011	003	Total Suspended Solids	1D Conc	45	216.	8/25/2011	
January 2012	003	Total Suspended Solids	30D Conc	30	109.	1/1/2012	
January 2012	001	Total Suspended Solids	1D Conc	45	45.5	1/27/2012	
January 2012	003	Total Suspended Solids	1D Conc	45	109.	1/27/2012	

SECTION D: PERMIT VERIFICATION

- (a) Correct name and mailing address of permittee Y
- (b) Correct name and location of receiving waters Y
- (c) Products and production rates conform with permit application NA
- (d) Flows and loadings conform with NPDES permit..... Y
- (e) Treatment processes are as described in permit application Y
- (f) New treatment process added since last inspection N
- (g) Notification given to State of new, different or increased discharges NA
- (h) All discharges are permitted..... Y
- (i) Number and location of discharge points are as described in permit..... Y

Comments:

SECTION E: COMPLIANCE

- (a) Any significant violations since the last inspection Y
- (b) Permittee is taking actions to resolve violations..... Y
- (c) Permittee has a compliance schedule NA
- (d) Permittee is meeting compliance schedule..... NA

Comments: *Effluent violations have been problematic in the past, but seem to be under control presently. The facility has taken measures to ensure that the ponds maintain capacity to settle solids.*

SECTION F: OPERATION AND MAINTENANCE

- (a) Standby power available NA
If yes, what type?
- (b) Adequate alarm system available for power or equipment failures NA
- (c) All treatment units in service other than backup units Y
- (d) Wastewater Treatment Works classification NA
- (e) Operator of Record holds unexpired license of class required by Permit.. NA
Class held: NA
- (f) Copy of certificate of Operator of Record displayed on-site NA
- (g) Minimum operator staffing requirements fulfilled..... NA
- (h) Routine and preventative maintenance scheduled and performed Y
- (i) Any major equipment breakdown since last inspection..... N
- (j) Operation and maintenance manual provided and maintained..... NA
- (k) Any plant bypasses since last inspection..... NA
- (l) Regulatory agency notified of bypasses NA
By MOR and/or Spill Hotline (1-800-282-9378)
- (m) Any hydraulic or organic overloads since last inspection NA

SECTION G: RECORD KEEPING

Comments: Section not applicable

SECTION H: COLLECTION SYSTEM

Comments: Section not applicable

SECTION I: SLUDGE MANAGEMENT

Comments: Section not applicable

SECTION J: SELF-MONITORING PROGRAM

- a) Primary flow measuring device operated and maintained..... NE
Type of device: Device location:
- b) Calibration frequency adequate NE
Date of last calibration:
- c) Secondary instruments operated and maintained..... NE
- d) Flow measurements equipment adequate to handle full range of flows.... Y
- e) Actual flow discharged is measured..... NE
- f) Flow measuring equipment inspection frequency NE
- g) Sampling location(s) are as specified by permit..... Y
- h) Parameters and sampling frequency agree with permit..... Y
- i) Monitoring records (i.e., flow, pH, DO) maintained for a minimum of three years including all original strip chart recordings (i.e. continuous monitoring instrumentation, calibration and maintenance records)..... Y

Comments: Facility shall e-mail Paul Vandermeer indicating methodology for estimating flow values from the various outfalls.

SECTION K: Laboratory

- a) EPA applicable analytical testing procedures used (40 CFR 136.3)..... Y
- b) If alternate procedures are used, are they properly approved? NA
- c) Analysis performed more frequency NA
If yes, are results recorded in permittee's report? NA
- d) Commercial laboratory used:
Name: *Test America*
Parameters analyzed: *All*
- e) Quality assurance manual provided and maintained NA*
- f) Calibration and maintenance of instruments is satisfactory? NA*

Comments: *Facility does no sampling of their own. Hull and Associates obtains samples when necessary and Test America performs all analysis.

SECTION L: EFFLUENT/RECEIVING WATER OBSERVATIONS

Outfall Number	Outfall sign in place	Oil Sheen	Grease	Turbidity	Foam	Solids	Color	Other
001	Yes	None	None	None	None	Slight [^]	Clear [^]	
002	Yes	None	None	None	None	None	*	
003	Yes	None	None	None	None	None	*	

Comments: [^]Discharge from 001 was very limited, only a trickle. There was a slight build-up of solids adjacent to the discharge pipe. *No discharge from 002 or 003.

SECTION M: MULTIMEDIA OBSERVATIONS

- a) Are there indications of sloppy housekeeping or poor maintenance in work and storage areas or laboratories N
- b) Do you notice staining or discoloration of soils, pavement or floors..... N
- c) Do you notice distressed (unhealthy, discolored, dead) vegetation N
- d) Do you see unidentified dark smoke or dust clouds coming from sources other than smokestacks N
- e) Do you notice any unusual odors or strong chemical smells N
- f) Do you see any open or unmarked drums, unsecured liquids, or damaged containment facilities..... N

If any of the above are observed, ask the following questions:

- 1) What is the cause of the condition?
- 2) Is the observed condition or source a waste product?
- 3) Where is the suspected contaminant normally disposed?
- 4) Is this disposal permitted?
- 5) How long has the condition existed and when did it begin?

Comments: