



September 16, 2013

Brian Morehead, City Engineer
Newark City Landfill
40 West Main Street
Newark, OH 43055

**Re: Newark City Landfill
NPDES Permit 4IN00182/ OH0124320
Reconnaissance Inspection
Licking County**

Dear Mr. Morehead:

On September 3, 2013, a Reconnaissance Inspection was conducted at the Newark City Landfill. Present for the inspection were John Trujillo, representing the City of Newark 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 plant. Please note the following items discussed during the inspection.

- Violations for total suspended solids were problematic. The city could not differentiate between solids generated by the landfill and solids coming from stream bank erosion. The sampling point for the landfill is actually in the stream itself which complicates matters since there are other a few other properties draining into the stream at this point. After some study, most of the solids violations were determined to be from stream bank erosion and not coming from the landfill. The permit was modified to include sampling for TSS, but monitoring only with no limits. This should resolve the problems with the TSS violations.
- Violations for ammonia were apparent in September, 2012 and in May, 2013, two of the driest months over the last year. This may be an artifact of the sampling location, but should be watched. If ammonia concentrations and loadings increase and violations become more frequent, then measures must be taken to study the problem and accurately determine a source and a corrective action.

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- Please speak with Ed Swindall (614-644-2031) of our office about the annual discharge fee. He will be able to change it from industrial to municipal. You may have to make this request annually as there is no sure way to automate the change in our database.

Please see the enclosed inspection report details of the inspection. 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.state.oh.us.

Sincerely



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

c: File Copy

ec: Paul L. Vandermeer

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4IN00182	OH0124320	RI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
9/3/2013	10:30 am	11:30 am	No	No

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Newark City Landfill Watson Road Newark, OH	8/1/2009
	Permit Expiration Date
	7/31/2014
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
John Trujillo, Stormwater Coordinator	(740) 670-7762
Name and Title of Responsible Official	Phone Number
Brian Morehead, City Engineer	(740) 670-7727

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
M	NPDES Compliance	<i>New permit limits should ease compliance issues with TSS. Other violations are minimal and should respond to the bioremediation effort. Time is needed to determine the effectiveness of this system.</i>
S	Operations & Maintenance	<i>Erosion control work ongoing to fix gullies in road. See photos below.</i>
S	Facility Site Review	<i>Grass well established on cap (see photo below). Trees are also establishing well for bioremediation area.</i>
N	Collection System	
N	Flow Measurement	
S	Receiving Waters	
S	Laboratory	

Comments:

Signatures			
	9/5/13		9/5/13
Paul L. Vandermeer, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office	Date

Compliance Data for Newark City Landfill between 9/1/2012 to 9/1/2013

Summary

Permit Effluent Limit Violations: 41
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2012	001	Total Suspended Solids	30D Conc	12	35.	9/1/2012
September 2012	001	Total Suspended Solids	30D Qty	10.3	29.9393	9/1/2012
September 2012	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.93775	9/1/2012
September 2012	001	Nitrogen, Ammonia (NH3	30D Qty	0.86	1.65757	9/1/2012
September 2012	001	Total Suspended Solids	1D Conc	18	44.	9/4/2012
September 2012	001	Total Suspended Solids	1D Qty	15.4	37.6380	9/4/2012
September 2012	001	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.52	9/4/2012
September 2012	001	Nitrogen, Ammonia (NH3	1D Qty	1.28	1.30022	9/4/2012
September 2012	001	Total Suspended Solids	1D Conc	18	42.	9/10/2012
September 2012	001	Total Suspended Solids	1D Qty	15.4	35.9272	9/10/2012
September 2012	001	Nitrogen, Ammonia (NH3	1D Conc	1.5	3.44	9/10/2012
September 2012	001	Nitrogen, Ammonia (NH3	1D Qty	1.28	2.94261	9/10/2012
September 2012	001	Total Suspended Solids	1D Conc	18	32.	9/17/2012
September 2012	001	Total Suspended Solids	1D Qty	15.4	27.3731	9/17/2012
September 2012	001	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.88	9/17/2012
September 2012	001	Nitrogen, Ammonia (NH3	1D Qty	1.28	1.60817	9/17/2012
September 2012	001	Total Suspended Solids	1D Conc	18	22.	9/24/2012
September 2012	001	Total Suspended Solids	1D Qty	15.4	18.8190	9/24/2012
October 2012	001	Total Suspended Solids	30D Conc	12	23.	10/1/2012
October 2012	001	Total Suspended Solids	30D Qty	10.3	19.6744	10/1/2012
October 2012	001	Total Suspended Solids	1D Conc	18	32.	10/8/2012
October 2012	001	Total Suspended Solids	1D Qty	15.4	27.3731	10/8/2012
October 2012	001	Total Suspended Solids	1D Conc	18	25.	10/15/2012
October 2012	001	Total Suspended Solids	1D Qty	15.4	21.3852	10/15/2012
November 2012	001	Total Suspended Solids	30D Conc	12	13.5	11/1/2012
November 2012	001	Total Suspended Solids	30D Qty	10.3	11.5480	11/1/2012
November 2012	001	Total Suspended Solids	1D Conc	18	27.	11/5/2012
November 2012	001	Total Suspended Solids	1D Qty	15.4	23.0960	11/5/2012
November 2012	001	Total Suspended Solids	1D Conc	18	23.	11/18/2012
November 2012	001	Total Suspended Solids	1D Qty	15.4	19.6744	11/18/2012
December 2012	001	Total Suspended Solids	30D Conc	12	23.5	12/1/2012

December 2012	001	Total Suspended Solids	30D Qty	10.3	20.1021	12/1/2012
December 2012	001	Total Suspended Solids	1D Conc	18	33.	12/10/2012
December 2012	001	Total Suspended Solids	1D Qty	15.4	28.2285	12/10/2012
December 2012	001	Total Suspended Solids	1D Conc	18	41.	12/26/2012
December 2012	001	Total Suspended Solids	1D Qty	15.4	35.0718	12/26/2012
January 2013	001	Total Suspended Solids	30D Conc	12	16.	1/1/2013
January 2013	001	Total Suspended Solids	30D Qty	10.3	13.6865	1/1/2013
February 2013	001	Oil and Grease, Total	1D Conc	10	18.32	2/4/2013
May 2013	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.05425	5/1/2013
May 2013	001	Nitrogen, Ammonia (NH3	30D Qty	0.86	.90182	5/1/2013



Photo of gully formation on the access road. This is scheduled for repair.



Photo of grass established on the cover. Note small trees for bioremediation system.