



May 25, 2012

Mayor and Council  
City of Wilmington  
96 North South Street  
Wilmington, OH 45177

**RE: City of Wilmington Sanitary Landfill/Compliance Evaluation Inspection  
NPDES Permit No. OH0131946/OEPA PERMIT #1II00129\*BD**

Ladies and Gentlemen:

On May 23, 2012, I conducted an NPDES Compliance Evaluation Inspection at the city of Wilmington sanitary landfill. The purpose of the inspection was to evaluate compliance with the terms and conditions of the NPDES permit for the discharge from the landfill sedimentation pond. Mr. Don Maher, city of Wilmington landfill superintendent, was present during the inspection.

Items Noted During The Inspection:

- Mr. Maher measures discharge flow once/week utilizing the bucket and stopwatch estimation method.
- Other than flow measurement, Hull & Associates conducts all the NPDES permit-required sampling and testing. This consulting firm also submits test results to Ohio EPA on behalf of the City.
- Hull & Associates prepared a Storm Water Pollution Prevention Plan (SWP3) for the City in 2009. Mr. Maher and landfill staff conduct daily inspections of the landfills, as required by the SWP3.
- Since the last inspection was conducted by Ohio EPA surface water staff, the City constructed a sedimentation pond prior to the existing settling basin. This pond was part of the design for vertical expansion of the landfill (in order to treat the additional sediment load). At the time of the inspection, the primary sedimentation pond had accumulated sediment near the inlet but there were no signs that this material had carried over to the secondary basin. Mr. Maher said there are plans to dredge the pond in July 2012.
- A review of the discharge monitoring reports for the sedimentation pond effluent show there were brief periods of elevated BOD<sub>5</sub> and COD levels. Elevated oxygen-demanding components could suggest that leachate was present in the discharge from the pond during this period of time, but the management practices at the landfill (observed at the time of this inspection) do not support that notion.

The discharge data should always be reviewed by landfill staff in order to determine if leachate is present in the sedimentation pond effluent. If the data indicates the presence of leachate, management practices should be evaluated and altered to remedy the situation.

- Since April 2011, there has been one reported NPDES effluent limit violation (30-day violation for suspended solids concentration).
- There were no observed solids attributed to the landfill in the receiving stream (Lytle Creek).

Thank you and your staff for the time extended during the inspection process. If you have any questions, please feel free to contact me by phone at (937) 285-6029 or by email at [joshua.jackson@epa.state.oh.us](mailto:joshua.jackson@epa.state.oh.us).

Respectfully,



Joshua Jackson  
Environmental Specialist  
Division of Surface Water

cc: Don Mayer, City of Wilmington (w/report)  
Lawrence Reinsmith, City of Wilmington (w/report)

Enclosures

JJ/ca



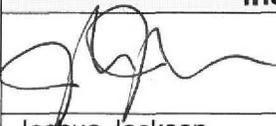
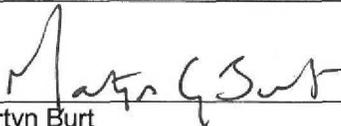
State of Ohio Environmental Protection Agency  
Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
11I00129*BD	OH0131946	5/23/2012	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
City of Wilmington Sanitary Landfill 397 South Nelson Avenue Wilmington, Clinton County	12:30 p.m.	10/1/2007
	Exit Time	Permit Expiration Date
	1:30 p.m.	9/30/2012
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Don Maher, Supt.		937-382-6474
Name, Address and Title of Responsible Official		Phone Number
Mayor & Council Attn: Mayor Randy Riley 96 North South Street Wilmington, OH 45177		937-382-5458

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	S	Flow Measurement	N	Pretreatment
S	Records/Reports	N	Laboratory	S	Compliance Schedule
S	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
S	Facility Site Review	N	Sludge Storage/Disposal	N	Other
N	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
See Cover Letter.	
Inspector	Reviewer
 Joshua Jackson Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
5-25-2012 Date	5/25/2012 Date