



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

March 25, 2010

RE: MAHONING COUNTY
CARBON LIMESTONE LANDFILL
IDP No. 3DP00004

Mr. Michael Heher
Carbon Limestone Landfill
8100 South Stateline Road
Lowellville, OH 44436

Mr. Heher:

The Ohio EPA has completed a compliance review of the Indirect Discharge Permit issued to the Carbon Limestone Landfill for the discharge of Leachate to the Lowellville POTW. The compliance review was for the period covering February 2008 through November 2010. Following are violations reported during the review period.

Parameter	Limit Type	Limit (Kg/d)	Reported Value (Kg/d)	Violation Date	Amount Over (Kg/d)
Nitrogen, Ammonia	1D Qty	31.8	34.24	2/19/2008	2.4353
Nitrogen, Ammonia	1D Qty	31.8	38.41	3/20/2008	6.6064
Nitrogen, Ammonia	30D Qty	31.8	38.29	4/1/2008	6.4913
Nitrogen, Ammonia	1D Qty	31.8	36.56	4/2/2008	4.7631
Nitrogen, Ammonia	1D Qty	31.8	40.02	4/15/2008	8.2195
Nitrogen, Ammonia	30D Qty	31.8	33.75	5/1/2008	1.9497
Nitrogen, Ammonia	1D Qty	31.8	36.94	5/20/2008	5.1446
Nitrogen, Ammonia	1D Qty	31.8	33.19	7/17/2008	1.3921
Nitrogen, Ammonia	1D Qty	31.8	37.40	8/5/2008	5.6005
Nitrogen, Ammonia	30D Qty	31.8	38.71	4/1/2009	6.9077
Nitrogen, Ammonia	1D Qty	31.8	43.57	4/7/2009	11.7663
Nitrogen, Ammonia	1D Qty	31.8	33.85	4/21/2009	2.0492
Nitrogen, Ammonia	30D Qty	31.8	34.22	7/1/2009	2.4187
Nitrogen, Ammonia	1D Qty	31.8	34.71	7/7/2009	2.9131
Nitrogen, Ammonia	1D Qty	31.8	33.72	7/21/2009	1.9243
Nitrogen, Ammonia	30D Qty	31.8	35.15	8/1/2009	3.3494
Nitrogen, Ammonia	1D Qty	31.8	34.87	8/4/2009	3.0712
Nitrogen, Ammonia	1D Qty	31.8	35.43	8/18/2009	3.6276
Nitrogen, Ammonia	30D Qty	31.8	37.15	9/1/2009	5.3478
Nitrogen, Ammonia	1D Qty	31.8	33.20	9/2/2009	1.3982
Nitrogen, Ammonia	1D Qty	31.8	41.10	9/15/2009	9.2975
Nitrogen, Ammonia	30D Qty	31.8	35.92	10/1/2009	4.1248
Nitrogen, Ammonia	1D Qty	31.8	37.40	10/6/2009	5.5958

Mr. Michael Heher
Carbon Limestone Landfill
March 25, 2010
Page 2

Parameter	Limit Type	Limit (Kg/d)	Reported Value (Kg/d)	Violation Date	Amount Over (Kg/d)
Nitrogen, Ammonia	1D Qty	31.8	34.45	10/20/2009	2.6539
Nitrogen, Ammonia	1D Qty	31.8	32.85	11/17/2009	1.0528

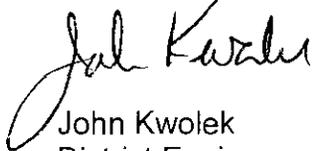
It appears that increasing ammonia concentrations in the leachate are resulting in violations of the loading limit for ammonia established in the Indirect Discharge Permit. The violations have appeared every month since July 2009 causing the Carbon Limestone Landfill to be in Significant Noncompliance with the Indirect Discharge Permit.

Please provide a response to this letter indicating the following:

1. The cause of the increased concentrations of ammonia,
2. The actions that will be taken to return the landfill to compliance with the Indirect Discharge Permit, and
3. A tentative schedule for completing the actions.

The response should be provided to this writer no later than April 15, 2010. You may contact this office at (330) 963-1251 to discuss any questions you may have regarding this letter.

Respectfully,



John Kwolek
District Engineer
Division of Surface Water

JK/mt

Attachments (2)

cc: Mayor and Council, Village of Lowellville
Marty Kamensky, Wastewater Treatment Plant Supervisor, Lowellville POTW
Mary Helen Smith, Mahoning County Department of Health

ec: Katharina Snyder, Ohio EPA, DSIWM, NEDO
Jerry Parker, Ohio EPA, DSIWM, NEDO

File: Industrial/BFI Carbon Limestone/Permits and Compliance