



**Environmental  
Protection Agency**

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

June 13, 2011

RE: NPDES PERMIT NO. 3IN00159  
NORTH PARK ASH FACILITY  
LAKE COUNTY  
INDUSTRIAL

Mr. Scott Brown, P.E.  
First Energy Corporation  
76 South Main Street  
Akron, OH 44308

Dear Mr. Ceceris:

On June 9, 2011, this writer conducted a prepermit inspection of the North Park Ash Facility. The inspection was prompted by the anticipated renewal of the National Pollutant Discharge Elimination System (NPDES) permit. The facility was represented by Mr. Karl Ceceris, Mr. Justin Harris and you.

The North Park Ash Facility is a disposal facility for coal ash generated at the Lake Shore, Eastlake and Ashtabula coal fired power plants owned by First Energy. The non-toxic coal ash is a by-product of coal combustion in generating electricity. The entire site acreage is 145 acre. The clay lined disposal area site is 60 acres. Ground water monitoring wells are provided at this facility. The disposal facility had been inactive since June 2004. During this time period, coal ash generated from the power plants was disposed at the Red Bud Disposal Facility in Columbiana County.

In the fall of 2010, the North Park Ash Facility re-opened for operation. Pneumatic trucks unload dry non-toxic fly ash at the disposal site. The fly ash is mixed through an educator with water to produce a slurry where it is blown into the containment area and allowed to harden similar to cement. A sedimentation pond is located on the northeast corner of the disposal area. The pond receives leachate and storm water runoff from the disposal area. Water from the sedimentation pond can be recycled for reuse or discharged to Lake Erie at Outfall 001. The release of the discharge from Outfall 001 is controlled by a manually operated valve. At the time of inspection, there was no discharge.

Storm water outfalls 002 and 003 exist on the west and east sides of the disposal area, respectively. Outfall 002 is a storm water outfall that is associated with industrial activity. Outfall 003 is not associated with industrial activity.

A review of the Discharge Monitoring Reports (DMRs) covering the period of February 2006 through April 2011 revealed no effluent limitation violations; however, the following frequency violations were revealed:

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Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	00530	Total Suspended Solids	1/2Weeks	1	0	03/15/2006
001	00400	pH	1/2Weeks	1	0	03/15/2006
001	00530	Total Suspended Solids	1/2Weeks	1	0	12/15/2006
001	50050	Flow Rate	1/2Weeks	1	0	12/15/2006
001	00400	pH	1/2Weeks	1	0	12/15/2006
001	00530	Total Suspended Solids	1/2Weeks	1	0	10/15/2008
001	00400	pH	1/2Weeks	1	0	10/15/2008

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement pursuant to the Ohio Revised Code Chapter 6111.

The renewal permit will be drafted soon. When the draft permit is public noticed, please review it carefully. A thirty day comment period will be provided. All comments concerning the draft permit must be submitted to this office in writing.

Should you have questions regarding this letter, please contact the undersigned at (330)963-1183.

Sincerely,



Marie Underwood, P.E.  
Environmental Engineer  
Division of Surface Water

MU:bo

pc: Karl Ceceris, First Energy, Eastlake Plant