



State of Ohio Environmental Protection Agency

**Northeast District Office**

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769  
www.epa.state.oh.us

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

December 1, 2008

RE: LAKE COUNTY  
ENDURA PLASTICS, INC.  
NPDES PERMIT NO. 3IQ00038  
APPLICATION NO. OH0092118  
NOTICE OF VIOLATION

Mr. Robert Murch  
Endura Plastics, Inc.  
7955 Chardon Road  
Kirtland, Ohio 44094

Dear Mr. Murch:

On November 25, 2008 this writer conducted a pre-permit inspection of the wastewater treatment facility serving Endura Plastics, Incorporated. The inspection was prompted by the anticipated renewal of the National Pollutant Discharge Elimination System (NPDES) permit.

The existing 2,000 gallon per day (gpd) treatment plant consists of a trash trap, flow equalization, extended aeration, surface sand filtration, chlorination and dechlorination facilities. The effluent from this plant discharges from Outfall 002. A non-contact cooling water effluent discharges from Outfall 001.

At the time of inspection, non-contact cooling waster was not being discharge from Outfall 001. The treated sanitary discharge from the Outfall 002 sample port was free of solids, oil and grease. All treatment units of the wastewater treatment plant were in operation.

The following observations were noted:

- The aeration tank was operating satisfactorily.
- The wastewater in the settling tank was turbid.
- The filter beds have a filter medium cover on their surfaces. Snow covered the surface of the medium covered filter beds. Assurances must be made that 18 inches of Ohio EPA approved filter sand exists on both beds. Ohio EPA approved filter sand has a uniformity coefficient that does not exceed 3.0 and an effective size of 0.4 mm - 1.0 mm. The sand must be raked and evenly distributed across the surface of the filter bed.

The Discharge Monitoring Reports revealed the following violations for the period October 2007 through September 2008:

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Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
002	00610	Nitrogen, Ammonia-NH3	30D Conc	4.0	7.7	3/1/2008
002	00610	Nitrogen, Ammonia-NH3	7D Conc	6.0	7.7	3/1/2008
002	00610	Nitrogen, Ammonia-NH3	30D Qty	0.03	.0408	3/1/2008

The following frequency violations were revealed during the same time period:

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
002	00010	Water Temperature	1/Week	1	0	12/08/2007
002	00010	Water Temperature	1/Week	1	0	12/15/2007
002	00010	Water Temperature	1/Week	1	0	12/22/2007

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 in the near future. When it is public noticed, please review the permit carefully. A 30-day comment period will be provided. Any questions or comments concerning the draft permit must be submitted to this office in writing.

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

Sincerely,



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

MU/mt