

**Environmental
Protection Agency**

John R. Kasich, Governor

Mar. Taylor, Lt. Governor

Scott W. Nally, Director

July 29, 2011

**RE: ALCO MANUFACTURING CORP.
PERMIT NO. 3IS00123
LORAIN COUNTY
CARLISLE TOWNSHIP**

Mr. Matthew J. Basinski
Alco Manufacturing Corp.
10584 Middle Avenue
Elyria, Ohio 44035

Dear Mr. Basinski:

On July 26, 2011, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by you. The purpose of the inspection was to evaluate the operation and maintenance of the treatment system along the facility's compliance status with respect to the terms and conditions of the above referenced National Pollutant Discharge Elimination System (NPDES) permit.

During the follow-up inspection, the following items were noted/discussed:

1. The plant design of the wastewater treatment system is 7,000 gpd.
2. Currently the wastewater treatment system has been discharging on average 3,412 gpd with a maximum discharge of 4,527 gpd since November 1, 2010.
3. The blowers were running and the plant was receiving good aeration.
4. The flow equalization tank was being aerated.
5. The contents of the aeration tank were light brown in color and no foam was present.
6. The sludge return line was functioning properly and returning almost clear water. The return line should be medium brown.
7. The skimmer return line was functioning properly and was returning clear water.
8. No scum build-up was present behind the baffle in the settling tank
9. The weirs and the sidewalls in the settling tank were also free of solids/ scum build-up.
10. The upflow fixed media clarifier was on line.
11. One surface sand filter bed was overflowing. See Figures 1 and 2. This is the result of solids getting into the surface sand filter beds and plugging the filter media.
12. The other bed was covered with a layer of sludge. See Figure 3. This bed should be raked free of all sludge immediately. You indicated that you would contact Uni-tech immediately to perform the necessary maintenance. All sludge/debris should be properly disposed at a licensed solid waste landfill.
13. Overflowing of the surface sand filter beds has been previously documented in correspondence from this office dated August 19, 2010 and December 9, 2010. Increased maintenance of the surface sand filter beds is recommended.

When the NPDES permit is renewed, standard language will be placed in the permit which will require the operator to be present at the plant twice per week for a total period of one hour.

14. Both the chlorination and dechlorination dispensing tubes were stocked. Please note that disinfection is only required from May 1st through October 31st.
15. The discharge was not observed.
16. You indicated that the City of Elyria ran a sewer line across the street from the facility's property this past winter and that you would be interested in tying into the sewer. Due to the fact that Alco Manufacturing is located within Carlisle Township, Ohio EPA does not have legal authority to require the City of Elyria to accept your wastewater. You are advised to contact the City of Elyria's City Engineer, Mr. Mukund Moghe to further explore your options. He can be reached at (440) 326-1444.

This office has recently reviewed your self-monitoring reports covering the period November 1, 2010 through June 30, 2011 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instances of noncompliance are as follows:

Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	31.	12/1/2010
001	00530	Total Suspended Solids	30D Qty	0.32	.42053	12/1/2010
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	7.45	12/1/2010
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.08	.10106	12/1/2010
001	80082	CBOD 5 day	30D Conc	10	13.	12/1/2010
001	00530	Total Suspended Solids	7D Conc	18	31.	12/8/2010
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	7.45	12/8/2010
001	00530	Total Suspended Solids	30D Conc	12	16.	3/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.15	3/1/2011
001	80082	CBOD 5 day	30D Conc	10	12.	3/1/2011
001	31616	Fecal Coliform	30D Conc	1000	2880.	6/1/2011
001	31616	Fecal Coliform	7D Conc	2000	2880.	6/22/2011

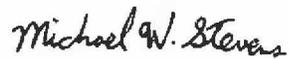
Please notify this office in writing within 14 days of receipt of this letter your intentions to resolve items 11, 12, and 16. This letter shall include a completion date for each item. A follow-up inspection will be conducted subsequent to the completion date.

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Please be advised that such instances of noncompliance may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111.

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS:cl



Figure 1



Figure 2



Figure 3