

**Environmental
Protection Agency**

John F. Kasich, Governor

Mar. Taylor, Lt. Governor

Scott J. Nally, Director

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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.

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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

Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS:cl



Figure 1



Figure 2



Figure 3