



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

September 17, 2009

RE: NELSON STUD WELDING
LORAIN COUNTY
PERMIT NO. 3IS00040

Mr. Ron Rabbitt
Maintenance Manager/ Facilities Engineer
Nelson Stud Welding
7900 West Ridge Rd.
P.O. Box 4019
Elyria, Ohio 44035 -1952

Dear Mr. Rabbitt:

On September 17, 2009, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by Mr. Scott Spreng, Manager and you. The purpose of the inspection was to evaluate the operation and maintenance of the treatment system along with 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 inspection, the following items were noted/discussed:

1. Quest Consultants remains the current operator of the treatment system. Quest Consultants is also responsible for collecting the effluent samples. The lab analysis is performed by Spencer WWTP.
2. Mr. Rabbit electronically submits the data to Ohio EPA's electronic discharge monitor reporting e-DMR system
3. Currently the plant has been averaging 1601 gpd since January 1, 2009 with a maximum reported flow of 3498 gpd which occurred on March 11, 2009.
4. The blowers were running and the plant was receiving good aeration.
5. The contents of the aeration tank were medium to light brown. A medium brown color is more typical of a properly operating plant. No foam was present in the tank.
6. The sludge return line was functioning properly. The return line was also medium to light brown in color.
7. The skimmer return line was functioning however the return was minimal. The skimmer level may need adjustment to increase the return flow.
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.
10. Minimal vegetation was present in the surface sand filter beds. The beds should be maintained free of all vegetation.

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11. Both the chlorination and dechlorination dispensing tubes were stocked with the appropriate tablets.
12. The effluent was clear.
13. A proposed ultra violet disinfection system still remains on hold due to the current economic climate.
14. The facility had a new line run from the manufacturing building to the package plant due to infiltration into the package plant. This was completed in December 2008.
15. The facility also had two new lift station pumps installed in December 2008.

This office has recently reviewed your self-monitoring reports covering the period May 1, 2008 through July 31, 2009 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	50060	Chlorine, Total Residue	1D Conc	0.019	.2	8/5/2008

No frequency or code violations were noted.

Ohio EPA has no record of a discharge monitoring report being submitted for May 2008. This data should be submitted electronically through Ohio EPA's electronic discharge monitor reporting system.

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/mt

Enclosure: EPA Business Card