

**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

October 12, 2010

**RE: STARK COUNTY
NIMISHILLEN TOWNSHIP
NORTHMARK PROPERTIES
7349 RAVENNA AVE.
NPDES #3PR00468**

CERTIFIED MAIL

Mr. Stephen C. Coon
Coon Restoration & Sealants, Inc.
7349 Ravenna Ave. NE
P.O. Box 259
Louisville, OH 44641

Dear Mr. Coon:

On October 6, 2010, this office conducted an inspection of the wastewater treatment system serving the above referenced facility. Present during the inspection was this writer and Todd Ascani, Stark County Health Department.

The existing sewage treatment system consists of a trash trap followed by a 1,500 gallon per day extended aeration treatment plant, dosing chamber, surface sand filter and chlorine contact tank with a tablet chlorinator and dechlorinator. The system discharges to an unnamed tributary to the East Branch Nimishillen Creek.

At the time of the inspection the following observations were made:

- 1) The mixed liquor in the aeration tank had a light brown color, indicative of a plant that is organically under loaded.
- 2) The sludge return was returning clear water. The sides of the clarifier need to be scraped so solids are returned to the aeration tank.
- 3) The surface sand filters are not equipped with filter sand that meets Ohio EPA specifications.
- 4) The contents of the chlorine contact tank were clear.
- 5) A hole in the pipe connection to the distribution box needs to be patched.
- 6) There was no chlorination tablets in the chlorinator.
- 7) It was not readily apparent where you sample the effluent from your system. Please respond to this writer with the exact location and method used.
- 8) There were several empty drums near the wwtp and two open drums which contained an unknown material. It is not advisable to store empty drums on site. Open drums containing waste material is not allowed. We request that the drums be immediately sealed and properly disposed. Please e-mail this writer or call when this has been accomplished.

A review of your discharge monitoring reports (DMRs) covering the period from September 2008 through August 2010 revealed the following effluent violation:

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	Total Suspended Solids	30D Conc	12	20.	12/1/2009
001	Nitrogen, Ammonia (NH3	30D Conc	3.0	8.48	12/1/2009

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001	Nitrogen, Ammonia (NH3	30D Qty	0.017	.0183	12/1/2009
001	Total Suspended Solids	30D Conc	12	30.	3/1/2009
001	Total Suspended Solids	7D Conc	18	30.	3/15/2009
001	Nitrogen, Ammonia (NH3	30D Conc	3.0	8.25	3/1/2009
001	Nitrogen, Ammonia (NH3	7D Conc	4.5	8.25	3/15/2009
001	Total Suspended Solids	30D Conc	12	15.6	8/1/2009
001	Chlorine, Total Residu	1D Conc	0.019	.78	8/4/2009
001	Total Suspended Solids	30D Conc	12	41.	12/1/2008
001	Total Suspended Solids	7D Conc	18	41.	12/15/2008
001	Total Suspended Solids	30D Conc	12	54.	3/1/2010
001	Total Suspended Solids	7D Conc	18	54.	3/15/2010
001	Nitrogen, Ammonia (NH3	30D Conc	3.0	26.9	3/1/2010
001	Nitrogen, Ammonia (NH3	7D Conc	4.5	26.9	3/15/2010
001	CBOD 5 day	30D Conc	10	13.9	3/1/2010
001	Total Suspended Solids	30D Conc	12	32.	6/1/2010
001	Total Suspended Solids	7D Conc	18	32.	6/22/2010
001	Fecal Coliform	30D Conc	1000	3680.	6/1/2010
001	Fecal Coliform	7D Conc	2000	3680.	6/22/2010
001	Chlorine, Total Residu	1D Conc	0.019	.13	6/23/2010
001	Total Suspended Solids	30D Conc	12	27.	6/1/2009
001	Total Suspended Solids	7D Conc	18	27.	6/15/2009
001	Chlorine, Total Residu	1D Conc	0.019	11.5	6/17/2009

We request that you respond in writing to this office no later than October 29, 2010 with your intentions to resolve the above listed violations. Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1136 or by e-mail at phil.rhodes@epa.state.oh.us.

Sincerely,



Philip P. Rhodes, P.E.
Environmental Specialist II
Division of Surface Water

PPR:cl

cc: Todd Ascani, Stark County Health Department
File: Semi-Public/Northmark Properties

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Northmark wwtp



Northmark open drum



