



John R. Kasich, Governor
 Mary Taylor, Lt. Governor
 Scott J. Nally, Director

February 5, 2013

Re: Jefferson County
 Village of Smithfield WWTP
 NPDES Permit OPA00053*ED
 Correspondence (PWW)

Mayor and Council
 Village of Smithfield
 P.O. Box 454
 Smithfield, Ohio 43948

Notice of Violation - Significant Non-Compliance

Dear Mayor and Council Members:

We have received self-monitoring reports covering July through December 2012 for the referenced facility. Our review indicated the following violations of the conditions of your NPDES permit.

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	30	38.5	7/1/2012
001	00530	Total Suspended Solids	7D Qty	18.8	19.1180	7/1/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.55	7/5/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	19.92	7/12/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Qty	5.4	5.88098	7/12/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.41	7/12/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.37	7/19/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	14.64	7/25/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.32	7/25/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.33	8/2/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	15.36	8/9/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.18	8/16/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	16.08	8/22/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.17	8/23/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.17	8/30/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.23	9/6/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.2	9/13/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.24	9/21/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.19	9/26/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.26	10/4/2012

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	50060	Chlorine, Total Residual	1D Conc	0.019	.17	10/11/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.28	10/18/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.19	10/25/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	18.	11/7/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	16.32	11/22/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	14.64	12/6/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	15.12	12/20/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Qty	5.4	8.87053	12/20/2012

Please provide non-compliance notification in accordance with the permit. The permit requires the Owner to report non-compliance as directed by Part III.12.E which shall contain information listed in Part III.12.B and Part III.12.C. Please review the requirements for reporting non-compliance and provide the appropriate correspondence.

Failure to comply with permit conditions may lead to enforcement.

Please respond in writing by March 1, 2013 identifying what corrective measures are being taken to achieve compliance with the Total Residual Chlorine limits once disinfection season starts. Review the integrity of the dechlorination system making sure the proper dosage can be fed to eliminate the Total Residual Chlorine violations. The dechlorination chemical is routinely not maintained at an adequate dosage. It appears that every four to five days the Total Residual Chlorine concentration spikes. Perhaps the Village can look into acquiring an automated transfer valve allowing for connection to multiple cylinders, etc.

If you have any questions regarding this letter or any other concerns with Ohio EPA regulations, contact me at (740) 380-5272.

Sincerely,



Aaron Pennington
District Representative
Division of Surface Water

AP/dh