



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

October 6, 2009

RE: WAYNE COUNTY
VILLAGE OF MARSHALLVILLE
NPDES #3PB00032

Mr. Rex Shaffer, Utility Superintendent
Village of Marshallville
P.O. Box 227
Marshallville, OH 44645

Dear Mr. Shaffer:

On September 10, 2009, this writer conducted an inspection of the sewage treatment plant serving the Village of Marshallville (Village). Prior to the inspection, a meeting was conducted between you, this writer, and Jon Van Dommelen and Richard Smith of the Division of Surface Water's Compliance Assistance Unit. The purpose of the meeting was to review the overall Operation and Maintenance Program for the proposed wastewater treatment plant upgrade project. This letter will cover the review of the wastewater treatment plant.

Overall, the plant appeared to be in fair condition and was producing an effluent that appeared cloudy. The plant consists of a lagoon, rock filter units in parallel, chlorination/dechlorination and final effluent. Our inspection of the wastewater treatment plant revealed the following:

- 1) The lagoon consists of an activated sludge zone and a settling zone. At the time of the inspection, the activated sludge zone was a brownish green and contained heavy duckweed growth. The settling portion of the lagoon is separated from the activated sludge portion of the lagoon by a partition of rocks. Two aerators were in operation on the lagoon at the time of the inspection.
- 2) The rock filters were full of grass and weeds and had a heavy odor of sewage. At the time of the inspection, the rock filters were only half full. The break in the rock filter sidewall has been repaired since the last inspection. Please be aware, should the sidewall wash away in the future, any overflows from this location must be reported as a 300 Station occurrence in your NPDES permit.
- 3) There was a slight sewage odor around the post aeration and chlorination/dechlorination tank. Duckweed was present in the chlorination/dechlorination tank. The final effluent and receiving stream appeared cloudy.
- 4) The Permit to Install for the proposed wastewater treatment plant for the Village was effective January 7, 2009. It is understood the Village is currently in the process of obtaining ARRA funding for the project in addition to the WPCLF. The existing lagoon wastewater treatment plant is proposed to be converted into a wetland. To date, the plans for the conversion of the lagoon to the wetland have not been received by our office. It is understood a preliminary conceptual plan has been developed and will cover the stabilization and/or removal of the biomass from the existing lagoon.

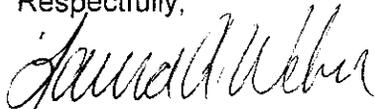
Mr. Rex Shaffer
Village of Marshallville
October 6, 2009
Page 2

- 5) Also discussed during the inspection was the removal of the sludge from the lagoons and treatment of wastewater collecting in the lagoons once the wetland construction begins. As previously noted in the last inspection, it is our understanding that sludge has not been removed from the lagoon since it was constructed in 1969. Because the sludge has been in the lagoon in an anaerobic state for so long, the potential for odor to become a problem during the removal of sludge from the lagoon is very likely. Our office will need to collect more information on this site before we can make a recommendation as to what can be done with this material. Please contact Chris Moody at (330) 963-1118 for more information regarding the sewage sludge handling activities for the proposed wetland project.

- 6) A summary of the wastewater treatment plant discharge violations for the period of January 1, 2007 through October 1, 2009 has been attached to this letter. You must review all plant data to determine whether these violations are accurate or if there was a reporting error by the lab or our data collection program. Any reporting errors or eDMR errors must be reported to this office so the error can be resolved. You may contact Mr. James Roberts of this Agency's Central Office at (614) 644-2054 to discuss this issue directly.

If you have any questions or comments regarding this letter, please contact this office at (330) 963-1299.

Respectfully,



Laura A. Weber, P.E.
Environmental Engineer
Division of Surface Water

LAW/mt

Attachment: Violation List

pc: Mayor Robert Brooker, Marshallville Corporation
Scott Ellsworth, P.E., Floyd Browne Group

File: Public/ Marshallville, Village of

Reporting Violations:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2007	001	CBOD 5 day	7D Qty	10.4	14.8820	5/1/2007
February 2008	001	CBOD 5 day	7D Qty	17	28.3409	2/1/2008
March 2008	001	CBOD 5 day	30D Qty	11.4	12.8913	3/1/2008
March 2008	001	CBOD 5 day	7D Qty	17	19.0470	3/15/2008
December 2008	001	CBOD 5 day	7D Qty	17	20.1496	12/22/2008
January 2009	001	CBOD 5 day	30D Conc	10	16.7	1/1/2009
January 2009	001	CBOD 5 day	7D Conc	15	19.	1/1/2009
January 2009	001	CBOD 5 day	30D Qty	3.1	5.03713	1/1/2009
January 2009	001	CBOD 5 day	7D Qty	4.5	10.5715	1/1/2009
January 2009	001	CBOD 5 day	7D Conc	15	15.1	1/15/2009
January 2009	001	CBOD 5 day	7D Conc	15	18.05	1/22/2009
January 2009	001	CBOD 5 day	7D Qty	4.5	5.84518	1/22/2009
February 2009	001	CBOD 5 day	30D Conc	10	15.95	2/1/2009
February 2009	001	CBOD 5 day	7D Conc	15	21.2	2/1/2009
February 2009	001	CBOD 5 day	30D Qty	3.1	10.4754	2/1/2009
February 2009	001	CBOD 5 day	7D Qty	4.5	5.55032	2/1/2009
February 2009	001	CBOD 5 day	7D Conc	15	18.95	2/8/2009
February 2009	001	CBOD 5 day	7D Qty	4.5	27.2499	2/8/2009
February 2009	001	CBOD 5 day	7D Qty	4.5	4.93261	2/15/2009
May 2007	001	Chlorine, Total Residu	1D Conc	.019	.08	5/1/2007
May 2007	001	Chlorine, Total Residu	1D Conc	.019	.05	5/2/2007
May 2007	001	Chlorine, Total Residu	1D Conc	.019	.05	5/3/2007
June 2007	001	Chlorine, Total Residu	1D Conc	0.038	.05	6/6/2007
June 2007	001	Chlorine, Total Residu	1D Conc	0.038	.05	6/20/2007
August 2007	001	Chlorine, Total Residu	1D Conc	0.038	.06	8/17/2007
October 2007	001	Chlorine, Total Residu	1D Conc	0.038	.05	10/18/2007
July 2009	001	Chlorine, Total Residu	1D Conc	0.038	.05	7/28/2009
July 2009	001	Chlorine, Total Residu	1D Conc	0.038	.05	7/30/2009
May 2007	001	Fecal Coliform	30D Conc	1000	2392.68	5/1/2007
May 2007	001	Fecal Coliform	7D Conc	2000	2300.	5/15/2007
May 2007	001	Fecal Coliform	7D Conc	2000	5400.	5/22/2007
June 2007	001	Fecal Coliform	30D Conc	1000	1480.16	6/1/2007
June 2007	001	Fecal Coliform	7D Conc	2000	3000.	6/1/2007
June 2007	001	Fecal Coliform	7D Conc	2000	2000.	6/8/2007
July 2007	001	Fecal Coliform	7D Conc	2000	5000.	7/8/2007
July 2007	001	Fecal Coliform	7D Conc	2000	4600.	7/15/2007
July 2007	001	Fecal Coliform	7D Conc	2000	5600.	7/22/2007
August 2007	001	Fecal Coliform	7D Conc	2000	3500.	8/15/2007
September 2007	001	Fecal Coliform	7D Conc	2000	4300.	9/1/2007
October 2007	001	Fecal Coliform	7D Conc	2000	8000.	10/22/2007
May 2008	001	Fecal Coliform	7D Conc	2000	20000.	5/1/2008
May 2008	001	Fecal Coliform	7D Conc	2000	2500.	5/15/2008
June 2008	001	Fecal Coliform	30D Conc	1000	1687.54	6/1/2008
June 2008	001	Fecal Coliform	7D Conc	2000	2200.	6/8/2008

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2008	001	Fecal Coliform	7D Conc	2000	4800.	6/22/2008
May 2009	001	Fecal Coliform	7D Conc	2000	3300.	5/15/2009
June 2009	001	Fecal Coliform	7D Conc	2000	2500.	6/1/2009
January 2007	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	11.1266	1/1/2007
January 2007	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	5.43014	1/1/2007
February 2007	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	17.2	2/1/2007
February 2007	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	5.38624	2/1/2007
March 2007	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	11.02	3/1/2007
March 2007	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	7.29892	3/1/2007
April 2007	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	12.6	4/1/2007
April 2007	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	2.83421	4/1/2007
May 2007	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	8.1	5/1/2007
May 2007	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	1.78796	5/1/2007
June 2007	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	4.47	6/1/2007
June 2007	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	1.43118	6/1/2007
June 2007	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	5.13	6/15/2007
July 2007	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	5.30333	7/1/2007
July 2007	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	9.44	7/1/2007
July 2007	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	4.61	7/15/2007
August 2007	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	3.48	8/1/2007
August 2007	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	4.92	8/8/2007
September 2007	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	5.455	9/1/2007
September 2007	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	1.73364	9/1/2007
September 2007	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	7.72	9/8/2007
September 2007	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	2.86358	9/8/2007
October 2007	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	2.23512	10/22/2007
January 2008	001	Nitrogen, Ammonia (NH3	30D Conc	11.2	12.32	1/1/2008
May 2008	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	12.2	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	13.1	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	2.9699	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	3.07418	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	11.3	5/15/2008
May 2008	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	2.86562	5/15/2008
June 2008	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	6.72	6/1/2008
June 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	9.63	6/1/2008
June 2008	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	3.86189	6/1/2008
June 2008	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	6.74317	6/1/2008
July 2008	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	4.15667	7/1/2008
August 2008	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	8.09	8/1/2008
August 2008	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	1.52388	8/1/2008
August 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	13.7	8/8/2008
August 2008	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	2.54087	8/8/2008
October 2008	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	2.905	10/1/2008
October 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	4.97	10/15/2008
January 2009	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	12.9	1/1/2009

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2009	001	Nitrogen, Ammonia (NH3	30D Qty	1.4	3.53595	1/1/2009
January 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	11.4	1/8/2009
January 2009	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	3.36562	1/8/2009
January 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	14.4	1/22/2009
January 2009	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	3.70627	1/22/2009
February 2009	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	9.645	2/1/2009
February 2009	001	Nitrogen, Ammonia (NH3	30D Qty	1.4	8.7383	2/1/2009
February 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	10.8	2/8/2009
February 2009	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	15.0022	2/8/2009
February 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	8.49	2/22/2009
February 2009	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	2.47437	2/22/2009
April 2009	001	Nitrogen, Ammonia (NH3	30D Conc	11.2	12.7	4/1/2009
April 2009	001	Nitrogen, Ammonia (NH3	30D Qty	5.1	7.61201	4/1/2009
April 2009	001	Nitrogen, Ammonia (NH3	7D Qty	7.7	11.4935	4/8/2009
May 2009	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	13.85	5/1/2009
May 2009	001	Nitrogen, Ammonia (NH3	30D Qty	1.3	3.49602	5/1/2009
May 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	15.6	5/8/2009
May 2009	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	4.01513	5/8/2009
May 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	12.1	5/22/2009
May 2009	001	Nitrogen, Ammonia (NH3	7D Qty	2.0	2.9769	5/22/2009
June 2009	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	4.8	6/1/2009
June 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	5.16	6/8/2009
June 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	4.44	6/22/2009
July 2009	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	4.15	7/1/2009
July 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.4	4.73	7/15/2009
August 2009	001	Nitrogen, Ammonia (NH3	30D Conc	2.9	3.26	8/1/2009
May 2007	001	Total Suspended Solids	30D Conc	20	25.69	5/1/2007
May 2007	001	Total Suspended Solids	30D Qty	9.1	9.98506	5/1/2007
May 2007	001	Total Suspended Solids	7D Qty	13.7	35.0884	5/1/2007
May 2007	001	Total Suspended Solids	7D Conc	30	31.4	5/8/2007
October 2007	001	Total Suspended Solids	30D Qty	13.7	19.8406	10/1/2007
October 2007	001	Total Suspended Solids	7D Conc	45	53.6	10/22/2007
October 2007	001	Total Suspended Solids	7D Qty	20.5	96.9397	10/22/2007
February 2008	001	Total Suspended Solids	7D Qty	20.5	42.3607	2/1/2008
March 2008	001	Total Suspended Solids	30D Qty	13.7	24.2776	3/1/2008
March 2008	001	Total Suspended Solids	7D Qty	20.5	27.0973	3/1/2008
March 2008	001	Total Suspended Solids	7D Qty	20.5	45.9996	3/15/2008
December 2008	001	Total Suspended Solids	7D Qty	20.5	25.3789	12/22/2008
January 2009	001	Total Suspended Solids	30D Conc	12	18.775	1/1/2009
January 2009	001	Total Suspended Solids	30D Qty	5.4	5.49544	1/1/2009
January 2009	001	Total Suspended Solids	7D Qty	8.2	9.40308	1/1/2009
January 2009	001	Total Suspended Solids	7D Conc	18	23.6	1/22/2009
February 2009	001	Total Suspended Solids	30D Conc	12	20.6375	2/1/2009
February 2009	001	Total Suspended Solids	7D Conc	18	21.2	2/1/2009
February 2009	001	Total Suspended Solids	30D Qty	5.4	13.0815	2/1/2009

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
February 2009	001	Total Suspended Solids	7D Conc	18	22.4	2/8/2009
February 2009	001	Total Suspended Solids	7D Qty	8.2	32.0536	2/8/2009
February 2009	001	Total Suspended Solids	7D Conc	18	22.95	2/22/2009

Frequency Violations:

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/01/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/02/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/03/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/04/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/05/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/06/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/07/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/08/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/09/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/10/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/11/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/12/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/13/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/14/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/15/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/16/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/17/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/18/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/19/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/20/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/21/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/22/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/23/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/24/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/25/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/26/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/27/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/28/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/29/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/30/2007
January 2007	001	Chlorine, Total Residu	1/Day	1	0	01/31/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/01/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/02/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/03/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/04/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/05/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/06/2007

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/07/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/08/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/09/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/10/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/11/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/12/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/13/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/14/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/15/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/16/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/17/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/18/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/19/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/20/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/21/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/22/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/23/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/24/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/25/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/26/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/27/2007
February 2007	001	Chlorine, Total Residu	1/Day	1	0	02/28/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/01/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/02/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/03/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/04/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/05/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/06/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/07/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/08/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/09/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/10/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/11/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/12/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/13/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/14/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/15/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/16/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/17/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/18/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/19/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/20/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/21/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/22/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/23/2007

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/24/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/25/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/26/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/27/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/28/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/29/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/30/2007
March 2007	001	Chlorine, Total Residu	1/Day	1	0	03/31/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/01/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/02/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/03/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/04/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/05/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/06/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/07/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/08/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/09/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/10/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/11/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/12/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/13/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/14/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/15/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/16/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/17/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/18/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/19/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/20/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/21/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/22/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/23/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/24/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/25/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/26/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/27/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/28/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/29/2007
April 2007	001	Chlorine, Total Residu	1/Day	1	0	04/30/2007
June 2007	001	Oil and Grease, Hexane	1/Quarter	1	0	06/01/2007
August 2007	001	Oil and Grease, Hexane	1/Quarter	1	0	08/01/2007
September 2007	001	Nickel, Total Recovera	1/Year	1	0	09/01/2007
September 2007	001	Cadmium, Total Recover	1/Year	1	0	09/01/2007
September 2007	001	Copper, Total Recovera	1/Year	1	0	09/01/2007
September 2007	001	Mercury, Total (Low Le	1/Year	1	0	09/01/2007
December 2007	001	Oil and Grease, Hexane	1/Quarter	1	0	12/01/2007

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
January 2009	001	Total Suspended Solids	2/Week	2	1	01/01/2009
January 2009	001	CBOD 5 day	2/Week	2	1	01/01/2009
January 2009	601	Total Suspended Solids	2/Week	2	1	01/01/2009
January 2009	601	CBOD 5 day	2/Week	2	1	01/01/2009
January 2009	601	pH	1/Day	1	0	01/02/2009
January 2009	601	pH	1/Day	1	0	01/03/2009
January 2009	601	pH	1/Day	1	0	01/04/2009
January 2009	601	pH	1/Day	1	0	01/05/2009
January 2009	601	pH	1/Day	1	0	01/06/2009
January 2009	601	pH	1/Day	1	0	01/07/2009
January 2009	601	Total Suspended Solids	2/Week	2	0	01/08/2009
January 2009	601	CBOD 5 day	2/Week	2	0	01/08/2009
January 2009	601	pH	1/Day	1	0	01/08/2009
January 2009	601	pH	1/Day	1	0	01/09/2009
January 2009	601	pH	1/Day	1	0	01/10/2009
January 2009	601	pH	1/Day	1	0	01/11/2009
January 2009	601	pH	1/Day	1	0	01/12/2009
January 2009	601	pH	1/Day	1	0	01/13/2009
January 2009	601	pH	1/Day	1	0	01/14/2009
January 2009	601	Total Suspended Solids	2/Week	2	0	01/15/2009
January 2009	601	CBOD 5 day	2/Week	2	0	01/15/2009
January 2009	601	pH	1/Day	1	0	01/15/2009
January 2009	601	pH	1/Day	1	0	01/16/2009
January 2009	601	pH	1/Day	1	0	01/17/2009
January 2009	601	pH	1/Day	1	0	01/18/2009
January 2009	601	pH	1/Day	1	0	01/19/2009
January 2009	601	pH	1/Day	1	0	01/20/2009
January 2009	601	pH	1/Day	1	0	01/21/2009
January 2009	601	Total Suspended Solids	2/Week	2	0	01/22/2009
January 2009	601	CBOD 5 day	2/Week	2	0	01/22/2009
January 2009	601	pH	1/Day	1	0	01/22/2009
January 2009	601	pH	1/Day	1	0	01/23/2009
January 2009	601	pH	1/Day	1	0	01/24/2009
January 2009	601	pH	1/Day	1	0	01/25/2009
January 2009	601	pH	1/Day	1	0	01/26/2009
January 2009	601	pH	1/Day	1	0	01/27/2009
January 2009	601	pH	1/Day	1	0	01/28/2009
January 2009	601	pH	1/Day	1	0	01/29/2009
January 2009	601	pH	1/Day	1	0	01/30/2009
January 2009	601	pH	1/Day	1	0	01/31/2009