OhioEPA

State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

December 24, 2008

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 December 9, 2009, this writer, accompanied by Dean Stoll of this office met with you to conduct an inspection of the sewage treatment plant serving the Village of Marshallville. The intent of the inspection was to evaluate operations and maintenance of the treatment system.

Overall, the plant appeared to be in fair condition and was producing a somewhat unsatisfactory quality effluent. 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 weeds and duckweed growth. The settling portion of the lagoon is separated from the activated sludge portion of the lagoon by a partition of rocks. The settling portion of the lagoon did not appear to be functioning and appeared to be nearly full and was overflowing the rock partition.

2) The rock filters were full of grass and weeds and had a heavy odor of sewage. The rock filter bank sidewall located at the end of the rock filters is washing away and causing the rock filters to overflow into the creek below. This must be fixed immediately since this is causing untreated sewage to overflow into waters of the state. As discussed during the inspection, any overflow from this location must be reported as a 300 Station occurrence in your NPDES permit.

3) The permit-to-install for the proposed wastewater treatment plant for the Village is under review at our office. The wastewater treatment plant proposed is a 130,000 gpd extended aeration plant with ultraviolet disinfection. 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.

4) Also discussed during the inspection was the removal of the sludge from the lagoons once the wetland construction is begun. 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.

5) Your current NPDES permit contains an interim limits table which will expire 19 months (January 1, 2009) from the effective date of your permit. After January1, 2009, you will be required to meet the limits and monitoring requirements located in the final table of your NPDES permit. Mr. Scott Ellsworth has prepared an NPDES permit modification for the Village of Marshallville to extend the timeframe for the interim table. Until the modification is finalized, your wastewater treatment plant may experience a few months of noncompliance since the current wastewater treatment plant is not capable of meeting the limits located in the final table. If noncompliance occurs, please submit a follow up letter to this office explaining the violations accrued and that the modification has been submitted to the office.

6) A summary of the wastewater treatment plant discharge violations for the period of January 1, 2006 through December 1, 2008 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

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

LAW/mt

Attachment: Violation List

cc: Mayor Robert Brooker, Village of Marshallville
Scott Ellsworth, P.E., Floyd Browne Group

File: Public/ Marshallville, Village of

Reporting Violations:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2007	001	80082	CBOD 5 day	7D Qty	10.4	14.8820	5/1/2007
February 2008	001	80082	CBOD 5 day	7D Qty	17	28.3409	2/1/2008
March 2008	001	80082	CBOD 5 day	30D Qty	11.4	12.8913	3/1/2008
March 2008	001	80082	CBOD 5 day	7D Qty	17	19.0470	3/15/2008
July 2006	001	50060	Chlorine, Total Residu	1D Conc	.019	.05	7/27/2006
August 2006	001	50060	Chlorine, Total Residu	1D Conc	.019	.05	8/28/2006
October 2006	001	50060	Chlorine, Total Residu	1D Conc	.019	.05	10/26/2006
May 2007	001	50060	Chlorine, Total Residu	1D Conc	.019	.08	5/1/2007
May 2007	001	50060	Chlorine, Total Residu	1D Conc	.019	.05	5/2/2007
May 2007	001	50060	Chlorine, Total Residu	1D Conc	.019	.05	5/3/2007
June 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	6/6/2007
June 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	6/20/2007
August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.06	8/17/2007
October 2007	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	10/18/2007
July 2006	001	31616	Fecal Coliform	7D Conc	2000	2200.	7/1/2006
July 2006	001	31616	Fecal Coliform	7D Conc	2000	2000.	7/8/2006
August 2006	001	31616	Fecal Coliform	7D Conc	2000	5500.	8/15/2006
October 2006	001	31616	Fecal Coliform	7D Conc	2000	5200.	10/15/2006
May 2007	001	31616	Fecal Coliform	30DConc	1000	2392.68	5/1/2007
May 2007	001	31616	Fecal Coliform	7D Conc	2000	2300.	5/15/2007
May 2007	001	31616	Fecal Coliform	7D Conc	2000	5400.	5/22/2007
June 2007	001	31616	Fecal Coliform	30DConc	1000	1480.16	6/1/2007
June 2007	001	31616	Fecal Coliform	7D Conc	2000	3000.	6/1/2007
June 2007	001	31616	Fecal Coliform	7D Conc	2000	2000.	6/8/2007
July 2007	001	31616	Fecal Coliform	7D Conc	2000	5000.	7/8/2007
July 2007	001	31616	Fecal Coliform	7D Conc	2000	4600.	7/15/2007
July 2007	001	31616	Fecal Coliform	7D Conc	2000	5600.	7/22/2007
August 2007	001	31616	Fecal Coliform	7D Conc	2000	3500.	8/15/2007
September2007	001	31616	Fecal Coliform	7D Conc	2000	4300.	9/1/2007
October 2007	001	31616	Fecal Coliform	7D Conc	2000	8000.	10/22/2007
May 2008	001	31616	Fecal Coliform	7D Conc	2000	20000.	5/1/2008

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2008	001	31616	Fecal Coliform	7D Conc	2000	2500.	5/15/2008
June 2008	001	31616	Fecal Coliform	30DConc	1000	1687.54	6/1/2008
June 2008	001	31616	Fecal Coliform	7D Conc	2000	2200.	6/8/2008
June 2008	001	31616	Fecal Coliform	7D Conc	2000	4800.	6/22/2008
January 2006	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	12.45	1/1/2006
January 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	3.96062	1/1/2006
February 2006	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	13.5	2/1/2006
February 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	4.63246	2/1/2006
March 2006	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	15.2	3/1/2006
March 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	3.38379	3/1/2006
April 2006	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	11.15	4/1/2006
April 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	2.88568	4/1/2006
May 2006	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	17.9	5/1/2006
May 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	9.66358	5/1/2006
June 2006	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	9.5	6/1/2006
June 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	1.87698	6/1/2006
August 2006	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	8.245	8/1/2006
August 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	1.54729	8/1/2006
October 2006	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	5.24	10/1/2006
October 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	5.418	10/1/2006
November 2006	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	13.45	11/1/2006
November 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	3.16256	11/1/2006
December 2006	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	12.55	12/1/2006
December 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	3.66502	12/1/2006
January 2007	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	11.1266	1/1/2007
January 2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	5.43014	1/1/2007
February 2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	5.38624	2/1/2007
February 2007	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	17.2	2/1/2007
March 2007	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	11.02	3/1/2007
March 2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	7.29892	3/1/2007
April 2007	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	12.6	4/1/2007
April 2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	2.83421	4/1/2007

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2007	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	8.1	5/1/2007
May 2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	1.78796	5/1/2007
June 2007	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	4.47	6/1/2007
June 2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	1.43118	6/1/2007
June 2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.4	5.13	6/15/2007
July 2007	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	5.30333	7/1/2007
July 2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.4	9.44	7/1/2007
July 2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.4	4.61	7/15/2007
August 2007	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	3.48	8/1/2007
August 2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.4	4.92	8/8/2007
September2007	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	5.455	9/1/2007
September2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	1.73364	9/1/2007
September2007	001	00610	Nitrogen, Ammonia (NH3	7D Qty	2.0	2.86358	9/8/2007
September2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.4	7.72	9/8/2007
October 2007	001	00610	Nitrogen, Ammonia (NH3	7D Qty	2.0	2.23512	10/22/2007
January 2008	001	00610	Nitrogen, Ammonia (NH3	30DConc	11.2	12.32	1/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	12.2	5/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	2.9699	5/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	2.0	3.07418	5/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.4	13.1	5/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.4	11.3	5/15/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	2.0	2.86562	5/15/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	6.72	6/1/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	3.86189	6/1/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	2.0	6.74317	6/1/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.4	9.63	6/1/2008
July 2008	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	4.15667	7/1/2008
August 2008	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	8.09	8/1/2008
August 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.3	1.52388	8/1/2008
August 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	2.0	2.54087	8/8/2008
August 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.4	13.7	8/8/2008
October 2008	001	00610	Nitrogen, Ammonia (NH3	30DConc	2.9	2.905	10/1/2008

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
October 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.4	4.97	10/15/2008
May 2006	001	00530	Total Suspended Solids	7D Qty	13.7	15.1907	5/15/2006
October 2006	001	00530	Total Suspended Solids	7D Qty	13.7	27.8099	10/15/2006
May 2007	001	00530	Total Suspended Solids	30DConc	20	25.69	5/1/2007
May 2007	001	00530	Total Suspended Solids	30D Qty	9.1	9.98506	5/1/2007
May 2007	001	00530	Total Suspended Solids	7D Qty	13.7	35.0884	5/1/2007
May 2007	001	00530	Total Suspended Solids	7D Conc	30	31.4	5/8/2007
October 2007	001	00530	Total Suspended Solids	30D Qty	13.7	19.8406	10/1/2007
October 2007	001	00530	Total Suspended Solids	7D Conc	45	53.6	10/22/2007
October 2007	001	00530	Total Suspended Solids	7D Qty	20.5	96.9397	10/22/2007
February 2008	001	00530	Total Suspended Solids	7D Qty	20.5	42.3607	2/1/2008
March 2008	001	00530	Total Suspended Solids	30D Qty	13.7	24.2776	3/1/2008
March 2008	001	00530	Total Suspended Solids	7D Qty	20.5	27.0973	3/1/2008
March 2008	001	00530	Total Suspended Solids	7D Qty	20.5	45.9996	3/15/2008

Frequency Violations:

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/01/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/02/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/03/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/04/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/05/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/06/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/07/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/08/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/09/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/10/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/11/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/12/2006

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/13/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/14/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/15/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/16/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/17/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/18/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/19/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/20/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/21/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/22/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/23/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/24/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/25/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/26/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/27/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/28/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/29/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/30/2006
January 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	01/31/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/01/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/02/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/03/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/04/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/05/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/06/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/07/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/08/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/09/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/10/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/11/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/12/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/13/2006

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/14/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/15/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/16/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/17/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/18/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/19/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/20/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/21/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/22/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/23/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/24/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/25/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/26/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/27/2006
February 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	02/28/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/01/2006
March 2006	901	00610	Nitrogen, Ammonia (NH3	1/Quarter	1	0	03/01/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/02/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/03/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/04/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/05/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/06/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/07/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/08/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/09/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/10/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/11/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/12/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/13/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/14/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/15/2006
March 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/16/2006

Reporting Period		Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/17/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/18/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/19/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/20/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/21/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/22/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/23/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/24/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/25/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/26/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/27/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/28/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/29/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/30/2006
March	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	03/31/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/01/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/02/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/03/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/04/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/05/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/06/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/07/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/08/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/09/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/10/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/11/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/12/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/13/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/14/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/15/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/16/2006
April	2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/17/2006

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/18/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/19/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/20/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/21/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/22/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/23/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/24/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/25/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/26/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/27/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/28/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/29/2006
April 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	04/30/2006
June 2006	001	00556	Oil and Grease, Freon	1/Quarter	1	0	06/01/2006
June 2006	801	00610	Nitrogen, Ammonia (NH3	1/Quarter	1	0	06/01/2006
June 2006	901	00610	Nitrogen, Ammonia (NH3	1/Quarter	1	0	06/01/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/01/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/02/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/03/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/04/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/05/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/06/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/07/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/08/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/09/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/10/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/11/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/12/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/13/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/14/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/15/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/16/2006

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/17/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/18/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/19/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/20/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/21/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/22/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/23/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/24/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/25/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/26/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/27/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/28/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/29/2006
November 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	11/30/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/01/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/02/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/03/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/04/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/05/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/06/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/07/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/08/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/09/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/10/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/11/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/12/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/13/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/14/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/15/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/16/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/17/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/18/2006

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/19/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/20/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/21/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/22/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/23/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/24/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/25/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/26/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/27/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/28/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/29/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/30/2006
December 2006	001	50060	Chlorine, Total Residu	1/Day	1	0	12/31/2006
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/01/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/02/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/03/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/04/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/05/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/06/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/07/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/08/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/09/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/10/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/11/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/12/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/13/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/14/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/15/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/16/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/17/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/18/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/19/2007

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/20/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/21/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/22/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/23/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/24/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/25/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/26/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/27/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/28/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/29/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/30/2007
January 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	01/31/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/01/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/02/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/03/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/04/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/05/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/06/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/07/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/08/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/09/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/10/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/11/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/12/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/13/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/14/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/15/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/16/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/17/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/18/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/19/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/20/2007

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/21/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/22/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/23/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/24/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/25/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/26/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/27/2007
February 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	02/28/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/01/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/02/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/03/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/04/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/05/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/06/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/07/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/08/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/09/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/10/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/11/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/12/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/13/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/14/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/15/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/16/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/17/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/18/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/19/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/20/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/21/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/22/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/23/2007
March 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/24/2007

Reporting Period		Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
March	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/25/2007
March	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/26/2007
March	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/27/2007
March	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/28/2007
March	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/29/2007
March	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/30/2007
March	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	03/31/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/01/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/02/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/03/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/04/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/05/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/06/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/07/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/08/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/09/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/10/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/11/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/12/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/13/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/14/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/15/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/16/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/17/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/18/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/19/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/20/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/21/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/22/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/23/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/24/2007
April	2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/25/2007

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
April 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/26/2007
April 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/27/2007
April 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/28/2007
April 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/29/2007
April 2007	001	50060	Chlorine, Total Residu	1/Day	1	0	04/30/2007
June 2007	001	00552	Oil and Grease, Hexane	1/Quarter	1	0	06/01/2007
August 2007	001	00552	Oil and Grease, Hexane	1/Quarter	1	0	08/01/2007
September2007	001	01074	Nickel, Total Recovera	1/Year	1	0	09/01/2007
September2007	001	01113	Cadmium, Total Recover	1/Year	1	0	09/01/2007
September2007	001	01119	Copper, Total Recovera	1/Year	1	0	09/01/2007
September2007	001	50092	Mercury, Total (Low Le	1/Year	1	0	09/01/2007
December 2007	001	00552	Oil and Grease, Hexane	1/Quarter	1	0	12/01/2007