



State of Ohio Environmental Protection Agency

Northeast District Office

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

July 6, 2009

RE: ASHTABULA COUNTY
ROCK CREEK WWTP
NPDES PERMIT 3PA00029
COMPLIANCE EVALUATION INSPECTION

Mayor Beverly Martin
Village of Rock Creek
3081 W. Water Street
P.O. Box 92
Rock Creek, Ohio 44084

Dear Mayor Martin:

This letter is a follow-up to the Compliance Evaluation Inspection that was conducted at the above referenced facility on June 17, 2009. Representatives of the Ashtabula County Department of Environmental Services (Mark Verzella and Dave Kaplan) were present to provide a tour of the facility. The purpose of the inspection was to evaluate the facility's compliance with the terms and conditions of the NPDES permit.

The wet-stream treatment components consist of preliminary treatment, flow equalization basin, 70,000 gpd dual-unit extended aeration activated sludge treatment process, final settling tanks, surface sand filtration, chlorine disinfection, and dechlorination. Sludge handling facilities consist of an aerated sludge holding tank and sludge drying beds.

At the time of the inspection, the following observations and comments were noted:

1. The facility appeared to be showing continued operational improvements. The characteristics of the sludge, e.g. MLSS, color, settleability, etc., in the aeration tanks were returning to normal acceptable performance levels. Additionally, the EQ basin appeared to be operating more effectively.
2. The effluent being discharged at Outfall 001 was visually clear.
3. The pH probe continues to exhibit a "slow response" during calibration. The unit likely needs to be replaced.
4. Please note that Ohio EPA regulations require that the collection system be under the supervision of a certified operator. Please verify that the present contract with Ashtabula County addresses this requirement.

A review of the facility's monthly discharge monitoring reports (DMRs) received by Ohio EPA for the period January 2008 through May 2009 indicates violations of the terms and conditions of the NPDES permit. The specific instances of noncompliance are listed in Tables 1 and 2.

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
November 2008	001	CBOD 5 day	7D Conc	40	42	11/1/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.35	5/1/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.19	5/2/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.15	5/5/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.15	5/6/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.52	5/7/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.5	5/8/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.16	5/9/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	2.	5/12/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.18	5/13/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	2.	5/14/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.97	5/15/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.16	5/16/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.71	5/17/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.11	5/19/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.13	5/20/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.12	5/21/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.14	5/22/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.1	5/23/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	2.	5/27/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.66	5/28/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.98	5/29/2008
May 2008	001	Chlorine, Total Residu	1D Conc	0.038	.75	5/30/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.43	6/2/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.2	6/3/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.37	6/4/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.18	6/5/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.16	6/6/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.12	6/9/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.09	6/10/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.28	6/11/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.29	6/12/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.24	6/13/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.12	6/16/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.15	6/17/2008

Table 1: Numerical Effluent Violations (1/2008 – 5/2009)

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.28	6/18/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.39	6/19/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.05	6/20/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.08	6/23/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.23	6/24/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.38	6/25/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.12	6/26/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.26	6/27/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.21	6/30/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.33	7/1/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.24	7/2/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.13	7/3/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.26	7/7/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.31	7/8/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.32	7/9/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.72	7/10/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.37	7/15/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.32	7/16/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.7	7/17/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.64	7/18/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.13	7/21/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.27	7/22/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.33	7/23/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.21	7/24/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.24	7/25/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.34	7/28/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.39	7/29/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.1	7/30/2008
July 2008	001	Chlorine, Total Residu	1D Conc	0.038	.68	7/31/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.6	8/1/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.4	8/4/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.2	8/5/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.25	8/6/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.36	8/7/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.31	8/8/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.53	8/11/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.28	8/12/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.63	8/13/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.25	8/14/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.74	8/15/2008

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Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.15	8/18/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.16	8/19/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.14	8/20/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	2.	8/21/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.37	8/22/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	2.	8/25/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.75	8/26/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	2.	8/27/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.65	8/28/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.89	8/29/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.74	9/3/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	.9	9/4/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.05	9/5/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.52	9/8/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.42	9/9/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	2.28	9/10/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	2.	9/11/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	.11	9/12/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	.3	9/16/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.37	9/17/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	.74	9/18/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	.55	9/19/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	.38	9/22/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	.34	9/23/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.26	9/24/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	.49	9/25/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	1.49	9/26/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	.24	9/29/2008
September 2008	001	Chlorine, Total Residu	1D Conc	0.038	.39	9/30/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.12	10/1/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.63	10/2/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.49	10/3/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.6	10/6/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.43	10/7/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.55	10/8/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.62	10/9/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.48	10/10/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	2.5	10/13/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.67	10/14/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.22	10/15/2008

Table 1: Numerical Effluent Violations (1/2008 – 5/2009)

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.71	10/16/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.39	10/17/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.31	10/21/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.11	10/22/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.58	10/23/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.58	10/24/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.67	10/27/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.21	10/28/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.46	10/29/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.9	10/30/2008
October 2008	001	Chlorine, Total Residu	1D Conc	0.038	.82	10/31/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	6.3	5/1/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.2	5/2/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.8	5/5/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.6	5/6/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	5.1	5/7/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	5.5	5/8/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	5.9	5/9/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.1	5/12/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.6	5/13/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	5.2	5/14/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	5.1	5/15/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	5.	5/16/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	5.2	5/17/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.8	5/19/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.8	5/20/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.8	5/21/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.2	5/22/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.	5/23/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	6.1	5/25/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	4.4	5/27/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	3.8	5/28/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	3.8	5/29/2008
May 2008	001	Dissolved Oxygen	1D Conc	7.0	3.9	5/30/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	6.2	6/9/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	4.3	6/10/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	4.4	6/11/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	5.	6/12/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	5.2	6/13/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	4.	6/16/2008

Table 1: Numerical Effluent Violations (1/2008 – 5/2009)

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2008	001	Dissolved Oxygen	1D Conc	7.0	5.	6/17/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	5.1	6/18/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	6.1	6/19/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	6.1	6/20/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	4.7	6/23/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	5.8	6/25/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	4.8	6/26/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	5.7	6/27/2008
June 2008	001	Dissolved Oxygen	1D Conc	7.0	4.7	6/30/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	6.	7/1/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	6.2	7/2/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	6.2	7/3/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.5	7/7/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.7	7/8/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.9	7/9/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.3	7/10/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.7	7/15/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.5	7/16/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.2	7/17/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.7	7/18/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.6	7/21/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.5	7/22/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.7	7/23/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.	7/24/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.5	7/25/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	5.1	7/28/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.6	7/29/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.2	7/30/2008
July 2008	001	Dissolved Oxygen	1D Conc	7.0	4.3	7/31/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	4.7	8/1/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.	8/4/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.2	8/5/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.7	8/6/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.7	8/7/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.	8/8/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.	8/11/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	4.8	8/12/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	4.3	8/13/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	4.2	8/14/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	6.2	8/15/2008

Table 1: Numerical Effluent Violations (1/2008 – 5/2009)

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2008	001	Dissolved Oxygen	1D Conc	7.0	6.7	8/17/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.6	8/18/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.	8/19/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.	8/20/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.7	8/21/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.5	8/22/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	4.7	8/25/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.6	8/26/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.7	8/27/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	5.7	8/28/2008
August 2008	001	Dissolved Oxygen	1D Conc	7.0	6.6	8/29/2008
September 2008	001	Dissolved Oxygen	1D Conc	7.0	5.2	9/2/2008
September 2008	001	Dissolved Oxygen	1D Conc	7.0	5.2	9/3/2008
February 2009	001	Dissolved Oxygen	1D Conc	5.0	4.6	2/27/2009
March 2009	001	Dissolved Oxygen	1D Conc	5.0	4.5	3/2/2009
March 2009	001	Dissolved Oxygen	1D Conc	5.0	4.8	3/4/2009
March 2009	001	Dissolved Oxygen	1D Conc	5.0	4.7	3/5/2009
March 2009	001	Dissolved Oxygen	1D Conc	5.0	4.9	3/6/2009
June 2008	001	Fecal Coliform	30D Conc	1000	1100	6/1/2008
May 2008	001	Nitrogen, Ammonia (NH3)	30D Conc	1.5	1.65	5/1/2008
June 2008	001	Nitrogen, Ammonia (NH3)	30D Conc	1.5	9.3	6/1/2008
May 2008	001	Nitrogen, Ammonia (NH3)	7D Conc	2.3	3.	5/15/2008
June 2008	001	Nitrogen, Ammonia (NH3)	7D Conc	2.3	9.3	6/15/2008
January 2008	001	pH	1D Conc	6.5	6.43	1/22/2008
January 2008	001	pH	1D Conc	6.5	6.31	1/23/2008
January 2008	001	pH	1D Conc	6.5	6.46	1/28/2008
February 2008	001	pH	1D Conc	6.5	6.34	2/1/2008
February 2008	001	pH	1D Conc	6.5	6.31	2/6/2008
February 2008	001	pH	1D Conc	6.5	6.47	2/7/2008
February 2008	001	pH	1D Conc	6.5	6.18	2/12/2008
February 2008	001	pH	1D Conc	6.5	6.3	2/13/2008
February 2008	001	pH	1D Conc	6.5	6.37	2/14/2008
February 2008	001	pH	1D Conc	6.5	6.33	2/18/2008
February 2008	001	pH	1D Conc	6.5	6.3	2/21/2008
April 2008	001	pH	1D Conc	6.5	6.48	4/11/2008
June 2008	001	pH	1D Conc	6.5	6.42	6/4/2008
June 2008	001	pH	1D Conc	6.5	6.49	6/20/2008
July 2008	001	pH	1D Conc	6.5	6.46	7/1/2008
July 2008	001	pH	1D Conc	6.5	6.43	7/2/2008
July 2008	001	pH	1D Conc	6.5	6.17	7/16/2008

Table 1: Numerical Effluent Violations (1/2008 – 5/2009)

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2008	001	pH	1D Conc	6.5	6.49	7/24/2008
July 2008	001	pH	1D Conc	6.5	6.36	7/25/2008
July 2008	001	pH	1D Conc	6.5	6.42	7/28/2008
July 2008	001	pH	1D Conc	6.5	6.28	7/29/2008
August 2008	001	pH	1D Conc	6.5	6.25	8/4/2008
August 2008	001	pH	1D Conc	6.5	6.38	8/6/2008
August 2008	001	pH	1D Conc	6.5	6.36	8/7/2008
August 2008	001	pH	1D Conc	6.5	5.96	8/8/2008
August 2008	001	pH	1D Conc	6.5	6.1	8/14/2008
August 2008	001	pH	1D Conc	6.5	6.27	8/15/2008
August 2008	001	pH	1D Conc	6.5	6.27	8/18/2008
August 2008	001	pH	1D Conc	6.5	6.31	8/19/2008
August 2008	001	pH	1D Conc	6.5	6.45	8/20/2008
August 2008	001	pH	1D Conc	6.5	6.19	8/21/2008
August 2008	001	pH	1D Conc	6.5	6.46	8/25/2008
August 2008	001	pH	1D Conc	6.5	6.21	8/26/2008
August 2008	001	pH	1D Conc	6.5	6.46	8/29/2008
September 2008	001	pH	1D Conc	6.5	6.47	9/11/2008
November 2008	001	pH	1D Conc	6.5	6.28	11/19/2008
December 2008	001	pH	1D Conc	6.5	6.48	12/2/2008
December 2008	001	pH	1D Conc	6.5	6.12	12/4/2008
December 2008	001	pH	1D Conc	6.5	6.44	12/9/2008
December 2008	001	pH	1D Conc	6.5	6.47	12/11/2008
January 2009	001	pH	1D Conc	6.5	6.43	1/7/2009
January 2009	001	pH	1D Conc	6.5	6.47	1/8/2009
January 2009	001	pH	1D Conc	6.5	6.25	1/12/2009
January 2009	001	pH	1D Conc	6.5	6.34	1/16/2009
January 2009	001	pH	1D Conc	6.5	6.41	1/19/2009
January 2009	001	pH	1D Conc	6.5	6.41	1/26/2009
January 2009	001	pH	1D Conc	6.5	6.43	1/27/2009
January 2009	001	pH	1D Conc	6.5	6.31	1/28/2009
January 2009	001	pH	1D Conc	6.5	6.13	1/29/2009
January 2009	001	pH	1D Conc	6.5	6.39	1/30/2009
February 2009	001	pH	1D Conc	6.5	6.46	2/2/2009
February 2009	001	pH	1D Conc	6.5	6.36	2/4/2009
February 2009	001	pH	1D Conc	6.5	6.47	2/6/2009
February 2009	001	pH	1D Conc	6.5	6.42	2/9/2009
February 2009	001	pH	1D Conc	6.5	6.47	2/10/2009
February 2009	001	pH	1D Conc	6.5	6.45	2/20/2009
February 2009	001	pH	1D Conc	6.5	6.13	2/23/2009

Table 1: Numerical Effluent Violations (1/2008 – 5/2009)

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
February 2009	001	pH	1D Conc	6.5	6.39	2/24/2009
March 2009	001	pH	1D Conc	6.5	6.36	3/3/2009
March 2009	001	pH	1D Conc	6.5	6.34	3/4/2009

Table 2: Monitoring/Reporting Violations (1/2008 – 5/2009)

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
January 2008	001	Total Suspended Solids	1/Week	1	0	01/01/2008
January 2008	001	Nitrogen, Ammonia (NH3	1/2Weeks	1	0	01/01/2008
January 2008	001	Total Suspended Solids	1/Week	1	0	01/08/2008
January 2008	001	Nitrogen, Ammonia (NH3	1/2Weeks	1	0	01/15/2008
March 2008	001	Total Suspended Solids	1/Week	1	0	03/22/2008
March 2008	001	CBOD 5 day	1/Week	1	0	03/22/2008
April 2008	001	Total Suspended Solids	1/Week	1	0	04/01/2008
April 2008	001	Nitrogen, Ammonia (NH3	1/2Weeks	1	0	04/01/2008
April 2008	001	CBOD 5 day	1/Week	1	0	04/01/2008
April 2008	001	Total Suspended Solids	1/Week	1	0	04/08/2008
April 2008	001	CBOD 5 day	1/Week	1	0	04/08/2008
April 2008	001	Total Suspended Solids	1/Week	1	0	04/22/2008
April 2008	001	CBOD 5 day	1/Week	1	0	04/22/2008
June 2008	001	Nitrogen, Ammonia (NH3	1/2Weeks	1	0	06/01/2008
June 2008	001	Total Suspended Solids	1/Week	1	0	06/08/2008
June 2008	001	CBOD 5 day	1/Week	1	0	06/08/2008
July 2008	001	Total Suspended Solids	1/Week	1	0	07/01/2008
July 2008	001	Nitrogen, Ammonia (NH3	1/2Weeks	1	0	07/01/2008
July 2008	001	Fecal Coliform	1/Month	1	0	07/01/2008
July 2008	001	CBOD 5 day	1/Week	1	0	07/01/2008
February 2009	001	Flow Rate	1/Day	1	0	02/01/2009
February 2009	001	Flow Rate	1/Day	1	0	02/02/2009
February 2009	001	Flow Rate	1/Day	1	0	02/03/2009
February 2009	001	Flow Rate	1/Day	1	0	02/04/2009
February 2009	001	Flow Rate	1/Day	1	0	02/05/2009
February 2009	001	Flow Rate	1/Day	1	0	02/06/2009
February 2009	001	Flow Rate	1/Day	1	0	02/07/2009
February 2009	001	Flow Rate	1/Day	1	0	02/08/2009
February 2009	001	Flow Rate	1/Day	1	0	02/09/2009
February 2009	001	Flow Rate	1/Day	1	0	02/10/2009
February 2009	001	Flow Rate	1/Day	1	0	02/11/2009
February 2009	001	Flow Rate	1/Day	1	0	02/12/2009
February 2009	001	Flow Rate	1/Day	1	0	02/13/2009

Table 2: Monitoring/Reporting Violations (1/2008 – 5/2009)

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

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Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
March 2009	001	Flow Rate	1/Day	1	0	03/25/2009
March 2009	001	Flow Rate	1/Day	1	0	03/26/2009
March 2009	001	Flow Rate	1/Day	1	0	03/27/2009
March 2009	001	Flow Rate	1/Day	1	0	03/28/2009
March 2009	001	Flow Rate	1/Day	1	0	03/29/2009
March 2009	001	Flow Rate	1/Day	1	0	03/30/2009
March 2009	001	Flow Rate	1/Day	1	0	03/31/2009

Please be advised that failure to satisfy the terms and conditions of the NPDES permit may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111. Such actions can result in fines of up to \$10,000 per day per violation. It is requested that the Village submit a formal response summarizing the actions undertaken since the County assumed operational oversight of the facility in April 2009.

Should you have any questions or comments regarding this letter, please contact this office.

Respectfully,



Ermelindo Gomes
Environmental Engineer
Division of Surface Water

EG/mt

File: Public/PC/Rock Creek WWTP