



John R. Kasick, Director
Mary Taylor, Lt. Governor
Susan Buckley, Director

December 6, 2012

George Stasiulewicz, Superintendent
Cook's Creek Golf Course
16405 U.S. Hwy 23 South
Ashville, OH 43103

**Re: Cook's Creek Golf Course
NPDES Permit 4PX00021/ OH0114103
Compliance Evaluation Inspection
Pickaway County
Notice of Violation**

Dear Mr. Stasiulewicz:

On December 3, 2012, a compliance evaluation inspection was conducted at the Cook's Creek Golf Course wastewater treatment facility. Present for the inspection were you, representing Cook's Creek Golf Course and John Owen and myself of the Ohio EPA, Central District Office, Division of Surface Water.

The purpose of the inspection was to evaluate compliance with the terms and conditions of your NPDES permit and to evaluate the operation and maintenance of the wastewater treatment plant (WWTP). The findings of the inspection are presented below and within the attached inspection report.

- Since the last inspection in 2006, violations of the NPDES permitted effluent limits and frequency have been problematic. This is unacceptable.
- The operator of record has allowed his certification to expire. The operator shall either recertify or the facility shall hire a contract operator of the appropriate certification to oversee operation of the WWTP by the end of December. It may be that the facility will need to hire someone temporarily to oversee operations while the former operator obtains recertification.
- The operator of record shall begin to record the necessary information in the facility logbook immediately. The logbook shall include information such as the following:
 - Identification of treatment works in the front of the book (name, permit number)
 - Dates and times of the arrival and departure of the operator for his work *at the WWTP*

- Daily records of the operator (notes on operations or problems) and any activities including regular and preventative maintenance, repairs, process control test results, etc. performed for the WWTP
- Identification of the person making the entries in the logbook (initials are acceptable)
- Any effluent testing results obtained by the operator.

Please submit a copy of the logbook entries to Paul Vandermeer by the date requested below. This information may be submitted via computer file if desired.

- The facility shall install outfall signage as required in the NPDES permit. Please submit a photograph of the installation by the date specified below.

The facility shall address each of the above deficiencies by March 15, 2013, unless otherwise noted, and submit proof of compliance with each item via e-mail to Paul Vandermeer. Additionally, the NPDES permit for the facility requires submission of a permit to install (PTI) by February, 2013 for upgrades or changes to the WWTP among other things. Our discussions involved various technologies and changes that may help the facility to come into compliance with the NPDES permit. Many of these technologies are "off the shelf" making them easier to plan and install. Keep in mind that a professional engineer, licensed in the State of Ohio, must certify the PTI prior to submission to Ohio EPA.

If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 644-3854 or e-mail at paul.vandermeer@epa.ohio.gov.

Sincerely,



Paul L. Vandermeer
Environmental Specialist II
Compliance and Enforcement Unit
Division of Surface Water
Central District Office

ec: Paul L. Vandermeer

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

Permit #	NPDES #	Inspection type	Inspector	Facility Type
4PX00021	OH0114103	CEI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
12/3/2012	9:50 am	11:00 am	Yes	No

SECTION B: FACILITY DATA

Name and Location of Facility Inspected	Permit Effective Date
Cook's Creek Golf Course 16405 U.S. 23, South Ashville, OH 43103	8/1/2012
	Permit Expiration Date
	7/31/2017
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
George Stasiulewicz, Superintendent	
Name and Title of Responsible Official	Phone Number
George Stasiulewicz, Superintendent	(740) 983-3636

SECTION C: AREAS EVALUATED DURING INSPECTION

Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated

U	NPDES Compliance	Effluent and frequency violations – see attached
M	Operations & Maintenance	Clogged filters
S	Facility Site Review	
N	Collection System	
N	Flow Measurement	
S	Receiving Waters	On site pond.
S	Laboratory	TCCI Laboratory performs analysis only. Buckeye Environmental obtains samples and delivers to TCCI.

Comments: *The facility had been seeking to convert over to a non-discharging system, but recent developments have precluded their ability to use this type of treatment, so other options must be pursued to ensure compliance with NPDES permit limits.*

Signatures

	12/5/12		12/5/12
Paul L. Vandermeer, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office	Date

Compliance Data for Cook Creek Golf Course between 4/1/2006 to 11/1/2012

Summary

Permit Effluent Limit Violations: 106

Permit Effluent Code Violations: 0

Permit Effluent Frequency Violations: 136

Compliance Schedule Violations: 0

Limit Violations						
Permit	Station	Parameter	Unit	Limit	Value	Date
August 2008	001	Total Suspended Solids	30D Conc	12	14.	8/1/2008
August 2008	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	88.79	8/1/2008
August 2008	001	Nitrogen, Ammonia (NH3)	30D Qty	0.002	.0736	8/1/2008
August 2008	001	Fecal Coliform	30D Conc	1000	1045.	8/1/2008
August 2008	001	CBOD 5 day	30D Conc	10	108.	8/1/2008
August 2008	001	CBOD 5 day	30D Qty	0.020	.08952	8/1/2008
August 2008	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	88.79	8/8/2008
August 2008	001	Nitrogen, Ammonia (NH3)	7D Qty	0.003	.0736	8/8/2008
August 2008	001	CBOD 5 day	7D Conc	15	108.	8/8/2008
August 2008	001	CBOD 5 day	7D Qty	0.030	.08952	8/8/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.019	.08	8/12/2008
August 2008	001	Dissolved Oxygen	1D Conc	6.0	.69	8/12/2008
March 2009	001	Total Suspended Solids	30D Conc	12	64.	3/1/2009
March 2009	001	Total Suspended Solids	30D Qty	0.024	.05305	3/1/2009
March 2009	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	26.2	3/1/2009
March 2009	001	Nitrogen, Ammonia (NH3)	30D Qty	0.006	.02172	3/1/2009
March 2009	001	CBOD 5 day	30D Conc	10	27.	3/1/2009
March 2009	001	CBOD 5 day	30D Qty	0.020	.02238	3/1/2009
March 2009	001	Total Suspended Solids	7D Conc	18	64.	3/15/2009
March 2009	001	Total Suspended Solids	7D Qty	0.036	.05305	3/15/2009
March 2009	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	26.2	3/15/2009
March 2009	001	Nitrogen, Ammonia (NH3)	7D Qty	0.009	.02172	3/15/2009
March 2009	001	CBOD 5 day	7D Conc	15	27.	3/15/2009
March 2009	001	Dissolved Oxygen	1D Conc	6.0	2.4	3/19/2009
June 2009	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	56.96	6/1/2009
June 2009	001	Nitrogen, Ammonia (NH3)	30D Qty	0.002	.09443	6/1/2009
June 2009	001	Fecal Coliform	30D Conc	1000	7000.	6/1/2009
June 2009	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	56.96	6/22/2009
June 2009	001	Nitrogen, Ammonia (NH3)	7D Qty	0.003	.09443	6/22/2009

KEY: Y – Yes, N – No, NA – Not Applicable, NE – Not Evaluated, * Further comment included in attachment

June 2009	001	Fecal Coliform	7D Conc	2000	7000.	6/22/2009
June 2009	001	Dissolved Oxygen	1D Conc	6.0	3.3	6/22/2009
August 2009	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.99	8/1/2009
August 2009	001	Nitrogen, Ammonia (NH3	30D Qty	0.002	.00496	8/1/2009
August 2009	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	2.99	8/15/2009
August 2009	001	Nitrogen, Ammonia (NH3	7D Qty	0.003	.00496	8/15/2009
August 2009	001	Chlorine, Total Residu	1D Conc	0.019	.05	8/18/2009
August 2009	001	Dissolved Oxygen	1D Conc	6.0	4.3	8/18/2009
December 2009	001	Dissolved Oxygen	1D Conc	6.0	5.8	12/3/2009
March 2010	001	Total Suspended Solids	30D Conc	12	25.	3/1/2010
March 2010	001	Total Suspended Solids	30D Qty	0.024	.05259	3/1/2010
March 2010	001	CBOD 5 day	30D Conc	10	17.	3/1/2010
March 2010	001	CBOD 5 day	30D Qty	0.020	.05637	3/1/2010
March 2010	001	Total Suspended Solids	7D Conc	18	25.	3/15/2010
March 2010	001	Total Suspended Solids	7D Qty	0.036	.08289	3/15/2010
March 2010	001	CBOD 5 day	7D Conc	15	17.	3/15/2010
March 2010	001	CBOD 5 day	7D Qty	0.030	.05637	3/15/2010
June 2010	001	Total Suspended Solids	30D Conc	12	34.	6/1/2010
June 2010	001	Total Suspended Solids	7D Conc	18	34.	6/1/2010
June 2010	001	Total Suspended Solids	30D Qty	0.024	.05637	6/1/2010
June 2010	001	Total Suspended Solids	7D Qty	0.036	.05637	6/1/2010
June 2010	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	46.35	6/1/2010
June 2010	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	46.35	6/1/2010
June 2010	001	Nitrogen, Ammonia (NH3	30D Qty	0.002	.07684	6/1/2010
June 2010	001	Nitrogen, Ammonia (NH3	7D Qty	0.003	.07684	6/1/2010
June 2010	001	Fecal Coliform	30D Conc	1000	7000.	6/1/2010
June 2010	001	Fecal Coliform	7D Conc	2000	7000.	6/1/2010
June 2010	001	CBOD 5 day	30D Conc	10	92.	6/1/2010
June 2010	001	CBOD 5 day	7D Conc	15	92.	6/1/2010
June 2010	001	CBOD 5 day	30D Qty	0.020	.15252	6/1/2010
June 2010	001	CBOD 5 day	7D Qty	0.030	.15252	6/1/2010
June 2010	001	Dissolved Oxygen	1D Conc	6.0	1.2	6/3/2010
August 2010	001	Total Suspended Solids	30D Conc	12	25.	8/1/2010
August 2010	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	41.85	8/1/2010
August 2010	001	Nitrogen, Ammonia (NH3	30D Qty	0.002	.03469	8/1/2010
August 2010	001	Fecal Coliform	30D Conc	1000	7000.	8/1/2010
August 2010	001	CBOD 5 day	30D Conc	10	28.	8/1/2010
August 2010	001	CBOD 5 day	30D Qty	0.020	.02321	8/1/2010
August 2010	001	Total Suspended Solids	7D Conc	18	25.	8/8/2010
August 2010	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	41.85	8/8/2010
August 2010	001	Nitrogen, Ammonia (NH3	7D Qty	0.003	.03469	8/8/2010
August 2010	001	Fecal Coliform	7D Conc	2000	7000.	8/8/2010
August 2010	001	CBOD 5 day	7D Conc	15	28.	8/8/2010

August 2010	001	Chlorine, Total Residu	1D Conc	0.019	.05	8/10/2010
August 2010	001	Dissolved Oxygen	1D Conc	6.0	1.	8/10/2010
June 2011	001	Fecal Coliform	7D Conc	2000	7000.	6/1/2011
June 2011	001	Total Suspended Solids	30D Conc	12	13.	6/1/2011
June 2011	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	21.21	6/1/2011
June 2011	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	21.21	6/1/2011
June 2011	001	Nitrogen, Ammonia (NH3	30D Qty	0.002	.01758	6/1/2011
June 2011	001	Nitrogen, Ammonia (NH3	7D Qty	0.003	.01758	6/1/2011
June 2011	001	Fecal Coliform	30D Conc	1000	7000.	6/1/2011
June 2011	001	Dissolved Oxygen	1D Conc	6.0	3.1	6/7/2011
August 2011	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	13.82	8/1/2011
August 2011	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	13.82	8/1/2011
August 2011	001	Nitrogen, Ammonia (NH3	30D Qty	0.002	.01146	8/1/2011
August 2011	001	Nitrogen, Ammonia (NH3	7D Qty	0.003	.01146	8/1/2011
August 2011	001	Fecal Coliform	30D Conc	1000	7000.	8/1/2011
August 2011	001	Fecal Coliform	7D Conc	2000	7000.	8/1/2011
August 2011	001	Dissolved Oxygen	1D Conc	6.0	2.8	8/2/2011
March 2012	001	Total Suspended Solids	30D Conc	12	21.	3/1/2012
March 2012	001	Total Suspended Solids	7D Conc	18	21.	3/1/2012
March 2012	001	Total Suspended Solids	30D Qty	0.024	.03434	3/1/2012
June 2012	001	Total Suspended Solids	30D Conc	12	35.	6/1/2012
June 2012	001	Total Suspended Solids	7D Conc	18	35.	6/1/2012
June 2012	001	Total Suspended Solids	30D Qty	0.024	.08584	6/1/2012
June 2012	001	Total Suspended Solids	7D Qty	0.036	.08584	6/1/2012
June 2012	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	47.1	6/1/2012
June 2012	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	47.1	6/1/2012
June 2012	001	Nitrogen, Ammonia (NH3	30D Qty	0.002	.11552	6/1/2012
June 2012	001	Nitrogen, Ammonia (NH3	7D Qty	0.003	.11552	6/1/2012
June 2012	001	Fecal Coliform	30D Conc	1000	7000.	6/1/2012
June 2012	001	Fecal Coliform	7D Conc	2000	7000.	6/1/2012
June 2012	001	CBOD 5 day	30D Conc	10	14.5	6/1/2012
June 2012	001	CBOD 5 day	30D Qty	0.020	.03556	6/1/2012
June 2012	001	CBOD 5 day	7D Qty	0.030	.03556	6/1/2012
June 2012	001	Dissolved Oxygen	1D Conc	6.0	.66	6/5/2012

Frequency Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
December 2006	001	Color, Severity	1/Week	1	0	12/1/2006
December 2006	001	Odor, Severity	1/Week	1	0	12/1/2006
December 2006	001	Turbidity, Severity	1/Week	1	0	12/1/2006

December 2006	001	Flow Rate	1/Day	1	0	12/1/2006
December 2006	001	Flow Rate	1/Day	1	0	12/2/2006
December 2006	001	Flow Rate	1/Day	1	0	12/3/2006
December 2006	001	Flow Rate	1/Day	1	0	12/4/2006
December 2006	001	Flow Rate	1/Day	1	0	12/5/2006
December 2006	001	Flow Rate	1/Day	1	0	12/6/2006
December 2006	001	Flow Rate	1/Day	1	0	12/7/2006
December 2006	001	Color, Severity	1/Week	1	0	12/8/2006
December 2006	001	Odor, Severity	1/Week	1	0	12/8/2006
December 2006	001	Turbidity, Severity	1/Week	1	0	12/8/2006
December 2006	001	Flow Rate	1/Day	1	0	12/8/2006
December 2006	001	Flow Rate	1/Day	1	0	12/9/2006
December 2006	001	Flow Rate	1/Day	1	0	12/10/2006
December 2006	001	Flow Rate	1/Day	1	0	12/11/2006
December 2006	001	Flow Rate	1/Day	1	0	12/12/2006
December 2006	001	Flow Rate	1/Day	1	0	12/13/2006
December 2006	001	Flow Rate	1/Day	1	0	12/14/2006
December 2006	001	Color, Severity	1/Week	1	0	12/15/2006
December 2006	001	Odor, Severity	1/Week	1	0	12/15/2006
December 2006	001	Turbidity, Severity	1/Week	1	0	12/15/2006
December 2006	001	Flow Rate	1/Day	1	0	12/15/2006
December 2006	001	Flow Rate	1/Day	1	0	12/16/2006
December 2006	001	Flow Rate	1/Day	1	0	12/17/2006
December 2006	001	Flow Rate	1/Day	1	0	12/18/2006
December 2006	001	Flow Rate	1/Day	1	0	12/19/2006
December 2006	001	Flow Rate	1/Day	1	0	12/20/2006
December 2006	001	Flow Rate	1/Day	1	0	12/21/2006
December 2006	001	Color, Severity	1/Week	1	0	12/22/2006
December 2006	001	Odor, Severity	1/Week	1	0	12/22/2006
December 2006	001	Turbidity, Severity	1/Week	1	0	12/22/2006
December 2006	001	Flow Rate	1/Day	1	0	12/22/2006
December 2006	001	Flow Rate	1/Day	1	0	12/23/2006
December 2006	001	Flow Rate	1/Day	1	0	12/24/2006
December 2006	001	Flow Rate	1/Day	1	0	12/25/2006
December 2006	001	Flow Rate	1/Day	1	0	12/26/2006
December 2006	001	Flow Rate	1/Day	1	0	12/27/2006
December 2006	001	Flow Rate	1/Day	1	0	12/28/2006
December 2006	001	Flow Rate	1/Day	1	0	12/29/2006
December 2006	001	Flow Rate	1/Day	1	0	12/30/2006
January 2007	001	Color, Severity	1/Week	1	0	1/1/2007
January 2007	001	Odor, Severity	1/Week	1	0	1/1/2007
January 2007	001	Turbidity, Severity	1/Week	1	0	1/1/2007
January 2007	001	Flow Rate	1/Day	1	0	1/2/2007

KEY: Y – Yes, N – No, NA – Not Applicable, NE – Not Evaluated, * Further comment included in attachment

January 2007	001	Flow Rate	1/Day	1	0	1/3/2007
January 2007	001	Flow Rate	1/Day	1	0	1/4/2007
January 2007	001	Flow Rate	1/Day	1	0	1/5/2007
January 2007	001	Flow Rate	1/Day	1	0	1/6/2007
January 2007	001	Flow Rate	1/Day	1	0	1/7/2007
January 2007	001	Color, Severity	1/Week	1	0	1/8/2007
January 2007	001	Odor, Severity	1/Week	1	0	1/8/2007
January 2007	001	Turbidity, Severity	1/Week	1	0	1/8/2007
January 2007	001	Flow Rate	1/Day	1	0	1/8/2007
January 2007	001	Flow Rate	1/Day	1	0	1/9/2007
January 2007	001	Flow Rate	1/Day	1	0	1/10/2007
January 2007	001	Flow Rate	1/Day	1	0	1/11/2007
January 2007	001	Flow Rate	1/Day	1	0	1/12/2007
January 2007	001	Flow Rate	1/Day	1	0	1/13/2007
January 2007	001	Flow Rate	1/Day	1	0	1/14/2007
January 2007	001	Color, Severity	1/Week	1	0	1/15/2007
January 2007	001	Odor, Severity	1/Week	1	0	1/15/2007
January 2007	001	Turbidity, Severity	1/Week	1	0	1/15/2007
January 2007	001	Flow Rate	1/Day	1	0	1/15/2007
January 2007	001	Flow Rate	1/Day	1	0	1/16/2007
January 2007	001	Flow Rate	1/Day	1	0	1/17/2007
January 2007	001	Flow Rate	1/Day	1	0	1/18/2007
January 2007	001	Flow Rate	1/Day	1	0	1/19/2007
January 2007	001	Flow Rate	1/Day	1	0	1/20/2007
January 2007	001	Flow Rate	1/Day	1	0	1/21/2007
January 2007	001	Color, Severity	1/Week	1	0	1/22/2007
January 2007	001	Odor, Severity	1/Week	1	0	1/22/2007
January 2007	001	Turbidity, Severity	1/Week	1	0	1/22/2007
January 2007	001	Flow Rate	1/Day	1	0	1/22/2007
January 2007	001	Flow Rate	1/Day	1	0	1/23/2007
January 2007	001	Flow Rate	1/Day	1	0	1/24/2007
January 2007	001	Flow Rate	1/Day	1	0	1/25/2007
January 2007	001	Flow Rate	1/Day	1	0	1/26/2007
January 2007	001	Flow Rate	1/Day	1	0	1/27/2007
January 2007	001	Flow Rate	1/Day	1	0	1/28/2007
January 2007	001	Flow Rate	1/Day	1	0	1/29/2007
January 2007	001	Flow Rate	1/Day	1	0	1/30/2007
January 2007	001	Flow Rate	1/Day	1	0	1/31/2007
February 2007	001	Color, Severity	1/Week	1	0	2/1/2007
February 2007	001	Odor, Severity	1/Week	1	0	2/1/2007
February 2007	001	Turbidity, Severity	1/Week	1	0	2/1/2007
February 2007	001	Flow Rate	1/Day	1	0	2/2/2007
February 2007	001	Flow Rate	1/Day	1	0	2/3/2007

KEY: Y – Yes, N – No, NA – Not Applicable, NE – Not Evaluated, * Further comment included in attachment

February 2007	001	Flow Rate	1/Day	1	0	2/4/2007
February 2007	001	Flow Rate	1/Day	1	0	2/5/2007
February 2007	001	Flow Rate	1/Day	1	0	2/6/2007
February 2007	001	Flow Rate	1/Day	1	0	2/7/2007
February 2007	001	Color, Severity	1/Week	1	0	2/8/2007
February 2007	001	Odor, Severity	1/Week	1	0	2/8/2007
February 2007	001	Turbidity, Severity	1/Week	1	0	2/8/2007
February 2007	001	Flow Rate	1/Day	1	0	2/8/2007
February 2007	001	Flow Rate	1/Day	1	0	2/9/2007
February 2007	001	Flow Rate	1/Day	1	0	2/10/2007
February 2007	001	Flow Rate	1/Day	1	0	2/11/2007
February 2007	001	Flow Rate	1/Day	1	0	2/12/2007
February 2007	001	Flow Rate	1/Day	1	0	2/13/2007
February 2007	001	Flow Rate	1/Day	1	0	2/14/2007
February 2007	001	Color, Severity	1/Week	1	0	2/15/2007
February 2007	001	Odor, Severity	1/Week	1	0	2/15/2007
February 2007	001	Turbidity, Severity	1/Week	1	0	2/15/2007
February 2007	001	Flow Rate	1/Day	1	0	2/15/2007
February 2007	001	Flow Rate	1/Day	1	0	2/16/2007
February 2007	001	Flow Rate	1/Day	1	0	2/17/2007
February 2007	001	Flow Rate	1/Day	1	0	2/18/2007
February 2007	001	Flow Rate	1/Day	1	0	2/19/2007
February 2007	001	Flow Rate	1/Day	1	0	2/20/2007
February 2007	001	Flow Rate	1/Day	1	0	2/21/2007
February 2007	001	Color, Severity	1/Week	1	0	2/22/2007
February 2007	001	Odor, Severity	1/Week	1	0	2/22/2007
February 2007	001	Turbidity, Severity	1/Week	1	0	2/22/2007
February 2007	001	Flow Rate	1/Day	1	0	2/22/2007
February 2007	001	Flow Rate	1/Day	1	0	2/23/2007
February 2007	001	Flow Rate	1/Day	1	0	2/24/2007
February 2007	001	Flow Rate	1/Day	1	0	2/25/2007
February 2007	001	Flow Rate	1/Day	1	0	2/26/2007
February 2007	001	Flow Rate	1/Day	1	0	2/27/2007
February 2007	001	Flow Rate	1/Day	1	0	2/28/2007
August 2007	001	Color, Severity	1/Week	1	0	8/1/2007
August 2007	001	Odor, Severity	1/Week	1	0	8/1/2007
August 2007	001	Turbidity, Severity	1/Week	1	0	8/1/2007
August 2007	001	Dissolved Oxygen	1/Quarter	1	0	8/1/2007
August 2007	001	Color, Severity	1/Week	1	0	8/8/2007
August 2007	001	Odor, Severity	1/Week	1	0	8/8/2007
August 2007	001	Turbidity, Severity	1/Week	1	0	8/8/2007
August 2007	001	Color, Severity	1/Week	1	0	8/15/2007
August 2007	001	Odor, Severity	1/Week	1	0	8/15/2007

KEY: Y – Yes, N – No, NA – Not Applicable, NE – Not Evaluated, * Further comment included in attachment

SECTION F: CLARIFIERS (Section Not Applicable)

Clarity of water topping weir			
		Yes	No
Weir is clean?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Weir is in good condition (i.e., level, free of corrosion, etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is effluent present in weir channel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the sludge blanket visible?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do the clarifier walls need scraping?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is sludge settling properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall maintenance of the clarifier is satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION G: TERTIARY TREATMENT

	<input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Surface sand filters:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Subsurface/Upflow	<input type="checkbox"/>	<input type="checkbox"/>
Distribution box operational	<input type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds raked	<input type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input type="checkbox"/>	Chlorination present	<input type="checkbox"/>	<input type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input type="checkbox"/>
Overall maintenance satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Frequency of cleaning: *Sphagnum moss is replaced annually.*

Comments/Status: *Filters appeared clogged as there was standing water in the in-ground box. In order to improve treatment efficiency and compliance it may be necessary for the facility to change out the sphagnum moss more frequently than the current schedule of annually. Two changes per year were discussed, once after the summer season and once in the spring prior to the beginning of the busy season.*

SECTION H: SLUDGE HANDLING / STORAGE DISPOSAL

Sludge is periodically wasted from what component?	<i>Septic Tank</i>		
Sludge disposal contractor?	<i>Chuck's Septic Hauling</i>		
Sludge disposal location?	<i>Local Publically Owned WWTP</i>		
		Yes	No
Does the WWTP have sludge drying beds?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the WWTP have a sludge holding tank?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the maintenance on the sludge handling unit adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments/Status:

August 2007	001	Turbidity, Severity	1/Week	1	0	8/15/2007
August 2007	001	Color, Severity	1/Week	1	0	8/22/2007
August 2007	001	Odor, Severity	1/Week	1	0	8/22/2007
August 2007	001	Turbidity, Severity	1/Week	1	0	8/22/2007

Compliance Schedule Milestones				
Schedule Due Date	Completion Date	Priority	Sub-date	Schedule Milestone
February 2013		1234	Construction	Final Plan Submitted
August 2013		3093	Construction	Begin Construction
January 2014		4599	Construction	End Construction
February 2014		5599	Construction	Operational Level Attained

Method of flow monitoring:	<i>Potable water use</i>
Type of alarms for plant:	<i>Visual</i>

SECTION D: PRELIMINARY TREATMENT

Type of Preliminary Treatment? <i>Grease Trap, Septic Tank</i>		
	Yes	No
Does the unit require pumping or cleaning?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Maintenance of preliminary treatment is satisfactory?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments/Status: *Grease trap is cleaned at least 2 times per year. The septic tank is pumped on an annual basis. In order to improve treatment efficiency and compliance, the facility should investigate whether these timeframes are adequate.*

SECTION E: AERATION (Section Not Applicable)

Color of MLSS?	Yes	No		Yes	No
Aeration is taking place	<input type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input type="checkbox"/>
Blowers are operational	<input type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	<input type="checkbox"/>
Skimmers are operational	<input type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input type="checkbox"/>
Diffusers are operational	<input type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input type="checkbox"/>	<input type="checkbox"/>
Sludge return is operational	<input type="checkbox"/>	<input type="checkbox"/>	Foam present?	<input type="checkbox"/>	<input type="checkbox"/>
Overall maintenance satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is....

SECTION I: RECORD KEEPING / OPERATOR OF RECORD

	Yes	No
Operator of Record holds unexpired license of class required by Permit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the Operator of Record submitted an ORC Notification form?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Copy of certificate of Operator of Record displayed on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If a Staffing Reduction plan has been approved, are the stipulations of the plan being met?	<input type="checkbox"/>	<input type="checkbox"/>
Operator of Record log book provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Minimum operator staffing requirements fulfilled (OAC 3745-7)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Log book kept onsite (in an area protected from weather)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Log book contains the following:		
Identification of treatment works	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Laboratory results (unless documented on bench sheets)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Identification of person making entries	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the Operator of Record submitted written notifications to the permittee, Ohio EPA and, if applicable, any local environmental agencies when a collection system overflow, treatment plant bypass or effluent limit violation has occurred	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Logbook Format*	Computer log	Bound book

Comments/Status: Operator has allowed certificate to expire. *No logbook is kept. See cover letter for additional information.

SECTION J: PLANT DISCHARGE

Discharge point is:	<i>Pond on facility grounds</i>
Discharge is visible:	<i>Yes</i>
Name of discharge point:	<i>001</i>
Marker present:	<i>No</i>
Quality of effluent:	<i>Clear</i>
Contract laboratory:	<i>TCCI Laboratory</i>

Comments/Status: Signage has not been installed. See cover letter for additional information.