



Environmental
Protection Agency

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

July 24, 2012

Mr. Willard Scheifele
Kirkmont Center
6946 County Road 10
P. O. BOX 128
Zanesfield, Ohio 43360

RE: Kirkmont Center WWTP Compliance Enforcement Inspection (CEI)

Dear Mr. Scheifele:

On July 18, 2012, I conducted a Compliance Enforcement Report (CEI) at the Kirkmont Center WWTP facility. A copy of my inspection report is enclosed. The inspection report notes one deficiency that needs to be addressed, namely the requirement to electronically report violations via forms 4499 or 4498. All effluent violations must be reported to swdo24hournpdes@epa.state.oh.us using forms 4499 or 4498 within 24 hours of discovery. For daily maximum or minimum violations you must use form 4499, which can be found at: <http://www.epa.ohio.gov/portals/35/permits/24-hour-reporting-Form4499-limits.doc> For all weekly and monthly violations, you must use form 4498, which can be found at: <http://www.epa.ohio.gov/portals/35/permits/24-hour-reporting-Form4498-bypasses.doc> Forms 4499 and 4498 were not submitted for the violations noted on the last page of the inspection report.

We discussed changes to your permit upon its renewal after the current permit expires on February 28, 2012. The new permit will require monitoring for Total Kjeldahl Nitrogen (1/quarter), Nitrite/Nitrate (1/quarter), and Phosphorus (1/quarter). There will also be changes regarding bacteria monitoring and limits. Specifically, instead of fecal coliform, E. coli will be the new bacteria parameter. Since your facility has a chlorination disinfection system, the new permit will have an interim table for the first two (2) years for fecal coliform with 1000 for the monthly average, and 2000 for the weekly average. You will also be required to monitor for E. coli with no limits. After two (2) years, you will then be required to meet E. coli limits of 161 for the monthly average, and 362 for the weekly average. Should you find that your existing disinfection system is inadequate to meet the upcoming E. coli limits, you will need to submit a Permit to Install (PTI) application and detail plans for an upgraded disinfection system. After two (2) years, you will not be required to monitor for fecal coliform, odor or color.

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Please note that you must submit the National Pollutant Discharge Elimination System (NPDES) renewal application by August 31, 2012.

If you have any questions or comments concerning the contents of this letter, please feel free to contact me at (937) 285-6103.

Sincerely,



Maureen M. Ware
Environmental Specialist
Division of Surface Water

Enclosure

ec: Logan County Health District

MMW\bp



State of Ohio Environmental Protection Agency
Southwest District Office

NPDES Compliance Inspection Report
Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PZ00069	OH0118591	07/18/2012	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Kirkmont Center 6946 CO RD 10 Zanesfield, Ohio 43360	12:45PM	3/1/2008
	Exit Time	Permit Expiration Date
	2:00PM	2/28/2013
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Willard Scheifele	937-441-3591	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Willard Scheifele	937-441-3591	
Name, Address and Title of Responsible Official	Phone Number	
Willard Scheifele	937-441-3591	

Ohio EPA Inspector	Ohio EPA Reviewer
 Maureen M. Ware Division of Surface Water Southwest District Office Date: 7/25/12	 Martyn Burt Environmental Supervisor Division of Surface Water Southwest District Office Date: 7/25/2012

Average Daily Design Flow:	10,000 Gallons/Day
Plant Serves:	Church camp
Average Daily Flow: (Period of Review):	0.00189 Gallons/Day (3/08-5/12)
Method of flow monitoring:	Electronic meter
Type of alarms for plant:	Visual

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the Trash Trap need pumped: **Yes**
 Maintenance of pretreatment components is: **Good**

Comments/Status:

The average flow noted includes periods when the camp was not at peak operational capacity.

**Secondary Treatment
(Aeration)**

Color of sludge: **Medium Brown**
 Quality of Sludge: **Medium**
 Foam: **None present**
 Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Skimmers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

Maintenance of aerating equipment is...**Excellent**

Comments/Status:

The plant is on a timer. At the time of the inspection, aeration was not taking place. However, clearly all components are operational as the sludge was a good color, there was no offensive odor, and the effluent was clear.

**Secondary Treatment
(Settling)**

Clarity: **Clear**
 Condition of Weir: **Clean**
 Weir is level: **Yes**
 Effluent in weir: **Clear**
 Clarifier walls need scraped: **Yes**

Overall maintenance of settling components is: **Good**

Comments/Status:

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input type="checkbox"/>
Distribution box operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Beds raked	<input type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Overall maintenance of components is: **Good**

Comments/Status:

Sludge Handling/Storage Disposal

Hauler name: **Kelly Septic**
 Disposal Site: **Lakeview WWTP**
 Sludge wasted from: **Sludge tank and trash trap**
 How often is sludge wasted: **1/year**
 Sludge drying beds: **Yes** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:



Record Keeping/ Operator of Record

- (a) Wastewater Treatment Works classification (OAC 3745-7)..... A
- (b) Operator of Record holds unexpired license of class required by Permit..... Y
- (c) Copy of certificate of Operator of Record displayed on-site..... Y
- (d) Has the Operator of Record submitted an ORC Notification form.. Y
- (e) Minimum operator staffing requirements fulfilled (OAC 3745-7).... Y
- (f) If a Staffing Reduction plan has been approved, are the stipulations of the plan being met..... N/A
- (g) Operator of Record log book provided..... Y
- (h) Format of log book (e.g. computer log, hard bound book)
 - hardbound
- (i) Log book kept onsite (in an area protected from weather)..... Y
- (j) Log book contains the following:
 - I. Identification of treatment works..... Y
 - II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7..... Y
 - i. Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.)..... Y
 - ii. Laboratory results (unless documented on bench sheets)... N/A
 - iii. Identification of person making entries..... Y
- (k) 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..... N

Comments/Status:

All effluent violations must be reported to swdo24hournpdes@epa.state.oh.us For daily maximum or minimum violations you must use form 4499, which can be found at: http://www.epa.ohio.gov/portals/35/permits/24-hour_reporting_Form4499_limits.doc For all weekly and monthly violations, you must use form 4498, which can be found at: http://www.epa.ohio.gov/portals/35/permits/24-hour_reporting_Form4498_bypasses.doc

Plant Discharge

Discharge point is a: **Stream**
 Name of discharge point: **Unnamed tributary Mad River**
 Discharge is visible: **No** Quality of Effluent: **Other**

Comments/Status:

At the time of the inspection, the WWTP was not discharging.

EFFLUENT LIMIT VIOLATIONS
(Period of Review: 3/1/2008-05/30/2012)

7D = Weekly (Kg/Day) 30D = Monthly 1D = Daily Conc. = Concentration (mg/l) Qty. = Quantity

Station	Code	Parameter	Limit Type	Limit	Reported Date
001	80082	CBOD5	30D Qty	0.38	0.38822 5/1/2008
001	00610	NH3	30D Conc	1.0	2. 9/1/2009
001	00610	NH3	7D Conc	1.5	2. 9/22/2009
001	00400	pH	1D Conc	6.5	0.7 4/7/2010