



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

August 27, 2013

Re: Guernsey County
Buckeye Trail Jr./Sr. High School
Compliance Enforcement Inspection
OGS00067; OHGS00123
Correspondence (PWW)

Dr. Richard Hall
East Guernsey Local School District
P.O. Box 128
Old Washington, Ohio 43768

Dear Dr. Hall:

On August 14, 2013 I conducted a Compliance Evaluation Inspection (CEI) of the Buckeye Trail Jr./Sr. High School wastewater treatment plant. The purpose of the inspection was to determine the facility's compliance status with the terms and conditions of NPDES Permit Number OGS00067*AG. Jeff Danford was present during the inspection.

As a result of the inspection, I have the following comments:

1. A review of the facility's discharge monitoring reports (DMRs) from January 2012 through June 2013 showed violations for TSS, DO, NH₃-N, and fecal coliform.
2. Part V, Item K(1) states: "At all times, the permittee shall maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee..." The north sand filter and the sludge drying beds were overgrown with vegetation and need to be cleaned.
3. The operator's log book was not available for review during the inspection. The operator of record log book should be maintained onsite in a location protected from the weather. Per Ohio Administrative Code 3745-7-09 (A)(4) "The records shall be accessible onsite for twenty-four hour inspection by agency or emergency personnel."

Items 1, 2 & 3 constitute violations of your permit. Please address and provide a response to these items within thirty (30) days upon receipt of this letter.

The Ohio EPA strongly encourages pollution prevention as the preferred approach for waste management. The first priority of pollution prevention is to eliminate the generation of wastes and pollutants at the source (source reduction). For those wastes or pollutants that are generated, the second priority is to recycle or reuse them in an environmentally sound manner. You can benefit economically, help preserve the environment, and improve your public image by implementing pollution prevention programs. For more information about pollution prevention, including fact sheets or U.S. EPA's "Facility Pollution Prevention Guide" (EPA/600/R-92.008), please contact the Ohio EPA Pollution Prevention Section at (614) 644-3469.

Attached is a copy of the inspection report. If you have any questions about my inspection, please feel free to contact me at (740) 380-5418 or by email at tim.fulks@epa.ohio.gov.

Sincerely,



Timothy A. Fulks
District Representative
Division of Surface Water

TF/dh

Enclosure

c: Tim Wheatley, Operator of Record



State of Ohio Environmental Protection Agency
Southeast District Office

Semi-Public NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES #	Month/Day/Year	Inspection Type	Inspector	Facility Type
0GS00067*AG	OHGS00123	August 14, 2013	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Buckeye Trail Jr./Sr. High School 65553 Wintergreen Road Lore City, Ohio 43755	12:00 p.m.	April 1, 2010
	Exit Time	Permit Expiration Date
	12:45 p.m.	December 31, 2014
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Jeff Danford	(740) 489-5005	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Tim Wheatley	(740) 260-4336	
Name, Address, and Title of Responsible Official	Phone Number	
Dr. Richard Hall East Guernsey Local School District P.O. Box 128 Old Washington, Ohio 43768	(740) 685-5751	

Section D: Summary of Findings (attach additional sheets if necessary)	
See attached letter.	
Inspector	Reviewer
	
8/26/13 Date	8/26/13 Date
Timothy A. Fulks Division of Surface Water Southeast District Office	Jennifer M. Witte Compliance & Enforcement Supervisor Division of Surface Water Southeast District Office

Average Daily Design Flow:	20,000 Gallons/Day
Plant Serves:	Approximately 800 students and staff
Average Daily Flow:	7637 Gallons/Day
(Period of Review):	(1/1/2012 - 6/1/2013)
Method of flow monitoring:	Water use records
Type of alarms for plant:	Visual Alarm

Pretreatment

Type of Pretreatment: **Comminutor**
 Does the Trash Trap need pumped: **No**
 Maintenance of pretreatment components is: **Good**

Comments/Status:

Secondary Treatment (Aeration)

Color of sludge: **Dark Brown**
 Quality of sludge: **Medium**
 Foam: **Light (dark)**
 Odor: **No objectionable odor present**

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

Maintenance of aerating equipment is: **Good**

Comments/Status:

Secondary Treatment (Settling)

Clarity: **Clear**
 Condition of Weir: **Excessive Algae**
 Weir is level: **Yes**
 Effluent in weir: **Clear**
 Clarifier walls need scraped: **No**

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

Comments/Status:

Tertiary Treatment

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

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

Comments/Status:

The north sand filter was overgrown with weeds and needs to be cleaned.

Sludge Handling/Storage Disposal

Hauler name: N/A
 Disposal site: Dry sludge is disposed of in a landfill
 Sludge wasted from: Aeration
 How often is sludge wasted: As needed
 Sludge drying beds: **Yes** Sludge holding tank: **Yes**

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

Comments/Status:

Weeds need cleaned out of sludge drying bed

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 | N |
| (d) Has the Operator of Record submitted an ORC Notification form..... | Y |
| (e) Minimum operator staffing requirements fulfilled (OAC 3745-7) | N/E |
| (f) If a Staffing Reduction plan has been approved, are the stipulations of the plan being met | N |
| (g) Operator of Record log book provided | N |
| (h) Format of log book (e.g. computer log, hard bound book)
<div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div> | |
| (i) Log book kept onsite (in an area protected from weather) | N |
| (j) Log book contains the following: | |
| I. Identification of treatment works | N/E |
| II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7 | N/E |
| III. Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.) | N/E |
| IV. Laboratory results (unless documented on bench sheets) | N/E |
| V. Identification of person making entries..... | N/E |
| (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 | Y |

Comments/Status:

The operator log book was not available for review at the time of the inspection.

Plant Discharge

Discharge point is a: **Stream**
 Name of discharge point: **Unnamed tributary to Salt Fork Creek**
 Discharge is visible: **No**
 Quality of Effluent: **Clear**

Comments/Status:

Effluent Limit Violations

Period of Review: 1/1/2012 - 6/1/2013

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

Month Reported	Parameter	Frequency/Units	Limit	Value
March 2012	Dissolved Oxygen	1D - mg/l	6.0 min	5.35
March 2012	Dissolved Oxygen	1D - mg/l	6.0 min	4.7
March 2012	Dissolved Oxygen	1D - mg/l	6.0 min	5.0
March 2012	TSS	7D - mg/l	18	22
March 2012	TSS	30Dd - mg/l	12	13.33
March 2012	NH3-N	7D - mg/l	4.5	5.48
March 2012	NH3-N	30Dd - mg/l	3.0	4.23
June 2013	NH3-N	7D - mg/l	1.5	2.54
June 2013	NH3-N	30Dd - mg/l	1.0	1.31
June 2013	Fecal Coliform	7D - #/100 ml	2000	2300