



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

December 7, 2012

**RE: Darke County
Woodland Heights Elementary School
NPDES Permit 1PT00108*BD**

Mr. Jon McGreevey
Director of Administrative Services
215 West Fourth Street
Greenville, OH 45331

Dear Mr. McGreevey:

On December 3, 2012, Joe Miller and I met with Mr. Steve Crawford to inspect the sewage treatment plant at the Woodland Heights Elementary School. The inspection was in preparation to renew the National Pollutant Discharge Elimination System (NPDES) permit for this elementary school expiring February 28, 2013.

A review of the Discharge Monitoring Reports (DMRs) from the effective date of your current NPDES permit thru November, 2012 revealed the following reported violations:

Date	Parameter	Limit Type	Limit	Reported Value
October, 2008	CBOD ₅	Monthly	10.0 mg/l	30.1 mg/l
October, 2008	CBOD ₅	Weekly	15.0 mg/l	29.7 mg/l
October, 2008	CBOD ₅	Quantity	0.38 kg/d	0.39 kg/d
October, 2008	CBOD ₅	Weekly	15.0 mg/l	30.2 mg/l
October, 2008	CBOD ₅	Weekly	15.0 mg/l	30.1 mg/l
October, 2009	CBOD ₅	Monthly	10.0 mg/l	17.5 mg/l
October, 2009	CBOD ₅	Weekly	15.0 mg/l	17.5 mg/l

Explanations were submitted for these violations providing steps taken to determine cause, remedies employed and plans to avoid violations from recurring, hence, no further explanation is necessary.

Mr. Jon McGreevey, Director of Administrative Services
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Attached you will find the completed NPDES Compliance Inspection Report; please review this document. If you should have any questions and/or comments, please feel free to contact me at (937) 285.6033 or glen.vonderembse@epa.ohio.gov. Otherwise, no response is required.

Sincerely,



Glen Vonderembse, P.E.
Environmental Engineer
Division of Surface Water

GV/tb

Enclosure

cc: Steve Crawford, Operator of Record

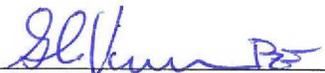
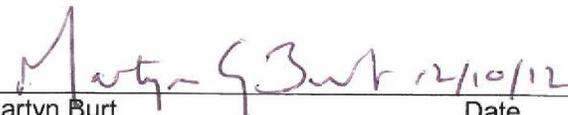


State of Ohio Environmental Protection Agency
Southwest District Office

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
1PT00108*BD	OH132349	12/3/2012	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Woodland Heights Elementary School Greenville Public Schools 7550 St Rt 118 Greenville, OH 45331 Darke County	09:10	3/1/2008
	Exit Time	Permit Expiration Date
	10:30	2/28/2013
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Steve Crawford, Operator of Record	(H) 937.547.0174 (C) 937.621.1405	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Steve Crawford, Operator 724 Spring Street Greenville OH 45331	(H) 937.547.0174 (C) 937.621.1405	
Name, Address and Title of Responsible Official	Phone Number	
Susan Riegler, Superintendent c/o Jon McGreevey, Director Administrative Services 215 West Fourth St Greenville, OH 45331	(Main Office) 937.548.3185	

Ohio EPA Inspector	Ohio EPA Reviewer
 Glen Vonderembse, PE Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
12/7/2012 Date	12/10/12 Date

Average Daily Design Flow:	10,000 Gallons/Day
Plant Serves:	Woodland Elementary School Only
Average Daily Flow: (Period of Review):	3,600 Gallons/Day (2008 - 2012)
Method of flow monitoring:	Water Meter at Production Well
Type of alarms for plant:	Visual Light Indicator

Pretreatment

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

Comments/Status:

Located within fenced area with child proof lid in-place.

**Secondary Treatment
(Aeration)**

Color of sludge: **Medium Brown**
 Quality of Sludge: **Thin**
 Foam: **None present**
 Odor: **Slight**

	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 checked="" type="checkbox"/>	<input 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:

Skimmers are operated on an "as-needed" basis.
 A geyser pump is being utilized for sludge return.
 It is noted that the sludge holding tank is adjacent to secondary treatment.

**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:

Minor algae presence was noted within the weir overflow collection channel.
 Minor solids buildup was noted on the clarifier walls.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input checked="" 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 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: **Excellent**

Comments/Status:

Chlorinator/Dechlorinator present, but out of service due to out of season/winter conditions.

Sludge Handling/Storage Disposal

Hauler name: **Mikes Sanitation**
 Disposal Site: **MSI Environmental Facilities, New Breman**
 Sludge wasted from: **Sludge Holding Tank**
 How often is sludge wasted: **Once per Year**
 Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:

Sludge discharged to sludge holding tank every 3-6 weeks.
Sludge Holding Tank pumped (emptied) once per year, hauled to permitted facility - 2IM00014.

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)

Hard Bound Book
- (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)... Y
 - 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..... Y

Comments/Status:

Log Book/Records are kept within the school building.

Plant Discharge

Discharge point is a: **Other**
 Name of discharge point: **Field Tile**
 Discharge is visible: **No** Quality of Effluent: **Other**

Comments/Status:

Permit # : 1PT00108*BD
NPDES # : OH132349

Discharge location of treatment works appears to be a field tile; that is located off site. Stream discharge is approximately 1,100 feet from the treatment works.

Permit # : 1PT00108*BD
NPDES # : OH132349

EFFLUENT LIMIT VIOLATIONS
(Period of Review: February, 2008 thru November, 2012)

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

<u>Month Reported</u>	<u>Parameter</u>	<u>Frequency / Units</u>	<u>Limit</u>	<u>Value</u>
October 2008	CBOD ₅	30D Conc	10.0	30.1
October 2008	CBOD ₅	7D Conc	15.0	29.7
October 2008	CBOD ₅	30D Qty	0.38	0.39
October 2008	CBOD ₅	7D Conc	15.0	30.2
October 2008	CBOD ₅	7D Conc	15.0	30.1
October 2009	CBOD ₅	30D Conc	10.0	17.5
October 2009	CBOD ₅	7D Conc	15.0	17.5