



**Environmental  
Protection Agency**

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korleski, Director

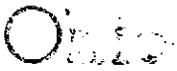


\*1GS0000520100511\*

BUTLER

MARSHALL ELEM SCH

SARLE, EDWARD ... 2010/05/11



**Environmental  
Protection Agency**

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korleski, Director

sewage

May 11, 2010

Mr. Phil Cagwin, Superintendent  
Talawanda School District  
131 West Chestnut Street  
Oxford, Ohio 45056

**Re: Butler County, Marshal Elementary School, Compliance Evaluation Inspection**

Dear Mr. Cagwin:

On May 6, 2010, I conducted a Compliance Evaluation Inspection at the Marshal Elementary School (NPDES Permit No. OHGS00102; OEPA Permit No. 1GS00005\*AG). Representing this facility was Tim Poynter. A copy of my inspection report is enclosed.

All areas evaluated in the inspection report were found to be acceptable. However, several areas were noted as requiring a response.

The areas noted in the report summary will require a written response by June 4, 2010. The response should include a description of the actions proposed to address these issues and the dates anticipated for completion of these actions.

If you have any questions, please call me at (937) 285-6096.

Sincerely,

Ned Sarle  
Division of Surface Water  
Permits Section

Enclosure

cc: Tim Poynter, Poynter's Waste Water Services LLC





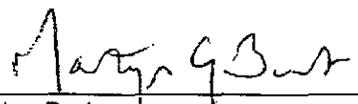
State of Ohio Environmental Protection Agency  
Southwest District Office

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
1GS00005*AG	OHGS00102	5/6/2010	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Marshal Elementary School 3260 Millville-Oxford Road Oxford, OH 45056	12:30 P.M.	2/1/2010
	Exit Time	Permit Expiration Date
	1:05 P.M.	12/31/2014
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Tim Poynter, WWTP Operator	(513) 831-1165	
Name, Address and Title of Responsible Official	Phone Number	
Phil Cagwin, Superintendent Talawanda School District 131 West Chestnut Street Oxford, OH 45056	(513) 273-3100	

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	S	Flow Measurement	N	Pretreatment
S	Records/Reports	N	Laboratory	S	Compliance Schedule
S	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
S	Facility Site Review	S	Sludge Storage/Disposal	N	Other
S	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
See Attached Summary of Findings / Comments.	
Inspector	Reviewer
 Ned Sarle Permit Section Division of Surface Water Southwest District Office	 Martyn G Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
5/11/10 Date	5/11/10 Date

Average Daily Design Flow:	<b>7500 Gallons/Day</b>
Plant Serves:	Elementary School
Average Daily Flow: (Period of Review):	<b>1440 Gallons/Day (May 2005 through February 2010)</b>
Method of flow monitoring:	<b>Dosing pump elapse time meter</b>
Type of alarms for plant:	<b>High Water Alarms</b>

**Pretreatment**

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

**Comments/Status:**

Trash trap pumped out 6 times a year.

**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 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 checked="" type="checkbox"/>	<input 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...**Excellent**

**Comments/Status:**

Blowers are on for 30 minutes and off for 15 minutes.

**Secondary Treatment  
(Settling)**

Clarity: **Clear**  
 Condition of Weir: **Clean**  
 Weir is level: **Yes**  
 Effluent in weir: **Clear**

Permit #: 1GS00005\*AG  
NPDES #: OHGS00102

Clarifier walls need scraped: **No**

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

**Comments/Status:**

None.

**Tertiary Treatment**

	Yes	No		Yes	No
Surface sand Filters: <b>Slow</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Subsurface</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Distribution box operating	<input 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:**

The two dosing pumps each dose one surface sand filter.

**Sludge Handling/Storage Disposal**

Hauler name: **Smallwood Excavating and Septic Service**  
Disposal Site: **Butler County LeSourdsville WWTP**  
Sludge wasted from: **Sludge holding tank**  
How often is sludge wasted: **As needed**  
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Excellent**

**Comments/Status:**

None.

**Plant Discharge**

Discharge point is a: **Ditch**  
Name of discharge point: **unnamed tributary of Curlane Run**  
Discharge is visible: **Yes** Quality of Effluent: **Clear**

**Comments/Status:**

None.

## Summary of Findings/Comments

### Areas Requiring a Response

The certified wastewater operator was required to submit an Operator of Record form. This form should be sent to the SWDO. The form may be downloading at the following website:

[http://www.epa.state.oh.us/portals/28/documents/opcert/Operator\\_of\\_Record\\_Notification\\_Form.pdf](http://www.epa.state.oh.us/portals/28/documents/opcert/Operator_of_Record_Notification_Form.pdf) .

The WWTP is required to be under the supervision of a Class A wastewater operator. The certified operator must be at the WWTP two times a week for a minimum of 1 hour. An operator log must also be maintained at the WWTP.

By June 1, 2010, a sign must be erected at the WWTP discharge location. Please refer to Part IV, Section I of the general NPDES Permit that describes this requirement.

An average flow rate has been reported for each month. This is not correct. An individual read must be recorded and reported for each day.

### Areas Not Requiring a Response

A review of the Discharge Monitoring Reports (DMRs) for May 2005 through February 2010 indicated several NPDES Permit violations. These violations are listed on Attachment I. The last violation was reported in October 2007. No violations were reported for the past 28 months. These violations have been addressed at this time. Future NPDES Permit violations must continued to be reported as required by the general NPDES permit as detailed in Part V, Section S titled "Noncompliance Notification".

A PTI was issued on June 10, 2008 for upgrading this WWTP. This construction was started on July 28, 2008 and was completed on August 6, 2008. The wastewater treatment plant consists of a trash trap, bar rack, flow equalization tank, extended aeration tank, secondary clarifier, dosing tank, two surface sand filters, a chlorine system, and a dechlorination system. An aerated sludge holding tank is also provided.

The WWTP plant operator was having trouble finding the current version of the general NPDES Permit for this facility. The current permit is found at the following website: [http://www.epa.state.oh.us/portals/35/permits/SmallSanitary\\_Final\\_GP\\_dec09.pdf](http://www.epa.state.oh.us/portals/35/permits/SmallSanitary_Final_GP_dec09.pdf) .

Attachment I

Effluent Limit Violations for May 2005 through February 2010

Reporting Period	Parameter	Limit Type	Units	Permit Limit	Reported Value
September 2005	Fecal Coliform	Monthly	#/100ml	1000	2500
September 2005	Fecal Coliform	Weekly	#/100ml	2000	2500
February 2007	CBOD5	Monthly	mg/l	10	24
February 2007	CBOD5	Weekly	mg/l	15	24
September 2007	TSS	Monthly	mg/l	12	30
September 2007	TSS	Weekly	mg/l	18	30
October 2007	Fecal Coliform	Monthly	#/100ml	1000	5200
October 2007	Fecal Coliform	Weekly	#/100ml	2000	5200

