



State of Ohio Environmental Protection Agency

STREET ADDRESS:

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P.O. Box 1049
Columbus, OH 43216-1049



1PT0011420100809

MIAMI

BETHEL LOCAL SCH DIST WWTP

MILLER, JOSEPH

2010/08/09

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

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1. Article Addressed to:

JEFF CASSEL SUPERINTENDENT
 BETHEL LOCAL SCHOOLS
 7490 STATE ROUTE 201
 TIPP CITY OH 45371

2. Article Number
(Transfer from service label)

7007 0220 0001 2491 2030

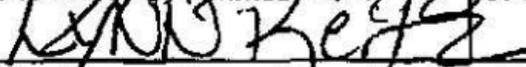
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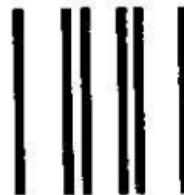
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RECEIVED

OHIO EPA

AUG 20 2010

Southwest District



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JM/vmas

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Sent To Jeff Cassel, Superintendent

Street, Apt. No.,
or PO Box No. Bethel Local Schools 7490SR 201

City, State, ZIP+4
Lioo City OH 45371

Certified Mail Provides:

- A mailing receipt
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**Environmental
Protection Agency**

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

August 17, 2010

CERTIFIED MAIL

Bethel Local Schools
7490 State Route 201
Tipp City, OH 45371
Jeff Cassel, Superintendent

**RE: NOTICE OF VIOLATION/Compliance Evaluation Inspection
Bethel Local Schools Wastewater Treatment Plant
NPDES Permit 1PT00114*CD/OH0133876
Bethel Township, Miami County**

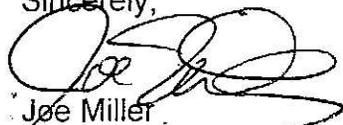
Dear Mr. Cassel,

On August 3, 2010, Daniel Marsh and I conducted a Compliance Evaluation Inspection (CEI) at the Bethel Local Schools wastewater treatment plant. Mark Durst, Maintenance Supervisor, represented the school district at the time of inspection. A detailed inspection report is attached.

Ohio EPA has reviewed the self-monitoring reports for Bethel Local School's wastewater treatment plant for the period of August 2010 to June 2010. This review revealed that this facility is in Significant Non-Compliance (SNC) with regards to meeting the effluent numeric limitations of your NPDES permit. As I noted in my inspection report of August 14, 2008 and subsequent Notice of Violation of July 1, 2009, this is a new wastewater treatment facility and therefore, with proper operation, this facility is able to meet the NPDES effluent limitations.

Despite these warnings and a new wastewater facility, the discharge from the wastewater treatment plant continues to exceed NPDES permit limitations. Facilities that operate in SNC must either have a plan of action in place to rectify the non-compliance or be subject to an enforcement action. Provide a plan to bring this facility into compliance by **August 27, 2010**. If you have any questions, I can be reached at (937) 285-6109.

Sincerely,



Joe Miller
Division of Surface Water

cc: Miami County Health Department
Todd Brandenburg, Operator of Record

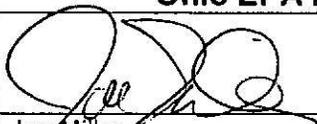
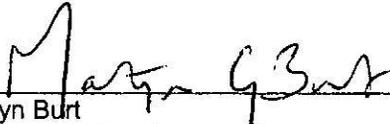


State of Ohio Environmental Protection Agency
Southwest District Office

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
1PT00114*CD	OH0133876	8/3/2010	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Bethel Local Schools 7490 State Route 201 Tipp City, OH 45371	9:30 AM	11/1/2008
	Exit Time	Permit Expiration Date
	10:35 AM	10/31/2013
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mark Durst, Maintenance Supervisor	937-845-9414	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Todd Bradenburg, WW2 P.O. Box 84 Tipp City, OH 45371	937-506-8453	
Name, Address and Title of Responsible Official	Phone Number	
Jeff Cassel, Superintendent Bethel Local Schools 7490 State Route 201 Tipp City, OH 45371	937-845-9414	

Ohio EPA Inspector	Ohio EPA Reviewer
 Date: 8/17/10	 Date: 8/17/10
Joe Miller Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office

Permit #: 1PT00114*CD
 NPDES #: OH0133876

Average Daily Design Flow:	30,000 Gallons/Day
Plant Serves:	K-12 School
Average Daily Flow: (Period of Review):	7,000 Gallons/Day (June 2009 to June 2010)
Method of flow monitoring:	Sand filter dosing pump elapsed time meter
Type of alarms for plant:	Sand filter pump high water alarm

Pretreatment

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

Comments/Status:

New tank, did not check.

**Secondary Treatment
(Aeration)**

Color of sludge: **Black**
 Quality of Sludge: **Heavy**
 Foam: **Heavy (white)**
 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...**Fair**

Comments/Status:

RAS line was blocked for a period of time, but has been corrected.

**Secondary Treatment
(Settling)**

Clarity: **Clear**
 Condition of Weir: **Clean**
 Weir is level: **Yes**

Permit # : 1PT00114*CD
NPDES # : OH0133876

Effluent in weir: **Light Solids**
Clarifier walls need scraped: **Unknown**

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

Comments/Status:

Sludge surfacing on upflow filters

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 type="checkbox"/>	<input checked="" type="checkbox"/>
UV present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Overall maintenance of components is: **Excellent**

Comments/Status:

Sand filters appear to be well maintained.

Sludge Handling/Storage Disposal

Hauler name: **unknown**
Disposal Site: **City of Springfield WWTP**
Sludge wasted from:
How often is sludge wasted:
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:

Sludge wasting likely needs to be increased.

Plant Discharge

Discharge point is a: **Other**
Name of discharge point: **unnamed tributary of Mud Creek**
Discharge is visible: **No** Quality of Effluent: **Clear**

Comments/Status:

Discharge is to a field tile to an unnamed tributary of Mud Creek.

EFFLUENT LIMIT VIOLATIONS
(Period of Review: June 2009 to June 2010)

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

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12.0	50.	6/1/2009
001	00530	Total Suspended Solids	30D Conc	12.0	38.	7/1/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.96	8/1/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	3.94	10/1/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.1	.10439	10/1/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	9.32	11/1/2009
001	00530	Total Suspended Solids	30D Conc	12.0	24.	1/1/2010
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	36.6	1/1/2010
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.3	1.24678	1/1/2010
001	00530	Total Suspended Solids	30D Conc	12.0	20.	2/1/2010
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	34.7	2/1/2010
001	80082	CBOD 5 day	30D Conc	10.0	12.	2/1/2010
001	00530	Total Suspended Solids	7D Conc	18.0	20.	2/22/2010
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	34.7	2/22/2010
001	00530	Total Suspended Solids	30D Conc	12.0	17.5	4/1/2010
001	00530	Total Suspended Solids	30D Conc	12.0	29.5	5/1/2010
001	31616	Fecal Coliform	30D Conc	1000	3200.	5/1/2010
001	00530	Total Suspended Solids	7D Conc	18.0	29.5	5/22/2010
001	31616	Fecal Coliform	7D Conc	2000	3200.	5/22/2010
001	00530	Total Suspended Solids	30D Conc	12.0	130.	6/1/2010
001	00530	Total Suspended Solids	7D Conc	18.0	130.	6/22/2010

