



State of Ohio Environmental Protection Agency

Southwest District Office

401 E. Fifth St.
Dayton, Ohio 45402

TELE: (937) 285-6357 FAX: (937) 285-6249
www.epa.state.oh.us

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

August 14, 2008

Miami East Local Schools
3825 North State Route 589
Casstown, OH 45312
Todd Rappold, Superintendent

**RE: Compliance Evaluation Investigation (CEI)
NOTICE OF VIOLATION
Miami East Local Schools Wastewater Treatment Plant
NPDES Permit 1PT00053*ED/OH0072745
Lost Creek Township, Miami County**

Dear Mr. Rappold,

On August 13, 2008, Jessica Burt and I conducted a Compliance Evaluation Investigation at the Bethel Local Schools wastewater treatment works. This inspection was conducted to determine compliance with the NPDES discharge permit.

Overall, the wastewater facility was rated as "Satisfactory". A detailed inspection report is attached.

I have reviewed the discharge monitoring reports for the period of January 2008 to June 2008 for the above referenced facility. One violation was reported during this period. A CBOD5 weekly concentration limit violation was reported on May 15, 2008. A non-compliance notification was submitted as required by the NPDES permit.

At the time of inspection, the maintenance worker did not have a key to open the gate at the wastewater plant. The area of the wastewater plant was overgrown with high weeds and small trees. This area should be kept clear. In order for the maintenance crew to maintain this area it is imperative that they have access.

Daily checks on the wastewater plant should be conducted by the maintenance staff. These checks should include observation of the wastewater effluent for color, odor, and turbidity. They should also take note of any problems with the wastewater treatment plant operations. These observations need to be noted in a log book maintained on-site so the wastewater operator can transfer the observations to the monitoring reports. If problems with the operation of the treatment plant are discovered, the wastewater operator will need to be contacted. Maintaining this log book is required by Ohio Administrative Code 3745-7-09.

Miami East Local Schools WWTP
August 14, 2008
Page 2 of 2

At this time, a response to this inspection is not necessary. If you have any questions, I can be reached at (937) 285-6109.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Miller", written in a cursive style.

Joe Miller
Division of Surface Water
Compliance and Enforcement

CC: Miami County Health Department
Dan Ward, Wastewater Operator

Permit # : 1PT00053*ED
 NPDES # : OH0072745

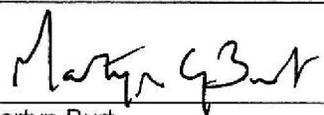


State of Ohio Environmental Protection Agency
 Southwest District Office

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 |
| 1PT00053*ED | OH0072745 | 8/13/2008 | C | S | 1 |

| Section B: Facility Data | | |
|--|-----------------|------------------------|
| Name and Location of Facility Inspected | Entry Time | Permit Effective Date |
| Miami East Local Schools WWTP 3825 North State Route 589 Casstown, OH 45312 | 11:00 AM | June 1, 2008 |
| | Exit Time | Permit Expiration Date |
| | 11:35 AM | May 31, 2013 |
| Name(s) and Title(s) of On-Site Representatives | Phone Number(s) | |
| John Cooper, Maintenance | 937-335-7505 | |
| Name(s), Address and Title(s) of Operator of Record | Phone Number(s) | |
| Dan Ward, Wastewater Operator | 937-603-4637 | |
| Name, Address and Title of Responsible Official | Phone Number | |
| Miami East Local School District Todd Rappold, Superintendent 3825 North State Route 589 Casstown, OH 45312 | 937-335-7505 | |

| Ohio EPA Inspector | Ohio EPA Reviewer |
|---|--|
|  Joe Miller Division of Surface Water Southwest District Office |  Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office |
| 8/14/08 Date | 8/14/08 Date |

Permit # : 1PT00053*ED
 NPDES #: OH0072745

| | |
|--|---|
| Average Daily Design Flow: | 25,000 Gallons/Day |
| Plant Serves: | K-12 School complex |
| Average Daily Flow: (Period of Review): | 6100 Gallons/Day (January 2008 to June 2008) |
| Method of flow monitoring: | Hour meter on dosing |
| Type of alarms for plant: | Visual |

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the Trash Trap need pumped: **Unknown**
 Maintenance of pretreatment components is: **Not Checked**

Comments/Status:

**Secondary Treatment
(Aeration)**

Color of sludge: **Light 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 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...**Satisfactory**

**Secondary Treatment
(Settling)**

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

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

Permit # : 1PT00053*ED
 NPDES # : OH0072745

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 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: **Marginal**

Comments/Status: Sand filters should be level to prevent short-circuiting.
Sludge should be removed from corners of sand filters and disposed of properly.
A dumpster or similar is recommended for disposal on-site.

Sludge Handling/Storage Disposal

Hauler name: Unknown
 Disposal Site: City of Troy WWTP
 Sludge wasted from: Clarifer to sludge waste tank

Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Satisfactory**

Plant Discharge

Discharge point is a: **Field tile**
 Name of discharge point: **Middle Branch of Lost Creek via tile**
 Discharge is visible: **No** Quality of Effluent: **Clear**

Effluent Limit Violations Miami East Schools, January 2008 to June 2008

| Reporting Period | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|------------------|------------|------------|-------|----------------|----------------|
| May 2008 | CBOD 5 day | 7D Conc | 15 | 17 | 5/15/2008 |



Operator of Record (ORC) Notification Form

Ohio Environmental Protection Agency
 Division of Drinking and Ground Waters
 Operator Certification Unit
 50 West Town St, Suite 700
 P.O. Box 1049
 Columbus, OH 43216-1049

Phone: (614) 644-2752
 1- 866 - 411-OPCT (6728)
 Fax: (614) 644-2909
 email: opcert@epa.state.oh.us
 website: www.epa.state.oh.us/ddagw/opcert.html

I. SYSTEM INFORMATION

Name of System: _____ Phone Number: _____

PWS ID/NPDES Permit #: _____ STU # _____ Classification: _____

 Name of Facility Owner or Permittee, Title (Print) Facility Owner or Permittee (Signature)

II. SYSTEM TYPE (Check only one of the following. Use additional sheets if necessary.)

| Public Water System (PWS) | Distribution System | Treatment Works | Collection System |
|---------------------------|---------------------|-----------------|-------------------|
| | | | |

III. OPERATOR OF RECORD INFORMATION

| Add Additional(A), New (N) or Remove(R) | Name of Operator of Record | Certification Number & Expiration Date | I verify that I am the onsite certified operator responsible for the technical operation of the above referenced facility. (Signature of certified operator)* |
|---|----------------------------|--|---|
| | | | |
| | | | |
| | | | |

* A signature by an operator of record who is being removed is not required.
 (Attach additional sheets if necessary.)

Amount of time an ORC spends onsite at the Facility: _____

| For Internal Use Only | |
|---|-----------------------------|
| Reviewed by: _____ | Date of SDWIS update: _____ |
| Date of Compliance Status Letter: _____ | |

JUNE 15, 2008

RECEIVED
OHIO EPA

JUN 20 2008

Southwest District

MR. JOE MILLER
OHIO EPA
401 E. FIFTH ST.
DAYTON, OHIO 45402-2911

DEAR MR. MILLER

I AM SENDING THIS LETTER AS A FOLLOW UP TO MY PHONE CALL, INFORMING SANDY LEIBFRITZ OF AN EFFLUENT CBOD VIOLATION AT THE MIAMI EAST HIGH SCHOOL WWTP. OUR WEEKLY LIMIT IS 15.0 mg/L, AND THE SAMPLE ON 5/20/08 WAS 17.0 mg/L. ALL OTHER PERAMETERS WERE WITHIN LIMITS.

I RECEIVED MY REPORT FROM TESTAMERICA ON 6/4/08. I HAD ALREADY COLLECTED MY JUNE SAMPLES AND THEY WERE REPORTED AS LESS THAN DETECTABLE LIMITS.

IF YOU HAVE ANY QUESTIONS, PLEASE CALL ME AT 937-603-4637

SINCERLEY,



DANIEL L WARD