



**Environmental
Protection Agency**

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

May 3, 2012

Re: Perry County
Southern Local School District
Compliance Evaluation Inspection
NPDES Permit 0PT00033*CD
Correspondence (SP)

Mr. Greg Holberg, Superintendent
Southern Local School District
10397 State Route 155 SE
Hemlock, Ohio 43743

Dear Mr. Holberg:

On April 25, 2012, I conducted a Compliance Evaluation Inspection of the Southern Local School District wastewater treatment facility located at 10397 State Route 155 SE, Hemlock, Ohio. At the time of the inspection, I spoke by phone with Charles Hoop, Building Grounds Supervisor. The purpose of the inspection was to determine Southern Local School District's compliance with NPDES Permit Number 0PT00033*CD, and the Ohio Water Pollution Control Act, Revised Code Chapter 6111. On April 30, 2012, I also spoke via phone with Gary Bennett, Operator of Record (ORC).

As a result of the inspection and review of our files, I have the following comments:

1. At the time of the inspection, one aeration blower was operating, while one blower was inoperable due to a belt that was off. This blower must be kept operational at all times. The aeration tanks were under aeration with good mixing, proper sludge return, etc. Water under aeration appeared somewhat diluted.
2. Water in the clarifiers appeared clear and acceptable. Weir troughs had some algae in them and were in need of being cleaned.
3. The two sand filters were clean.
4. A draw-down test should be done on each of the sand filter dosing pumps, so that accuracy of flow reporting can be verified. This should be done annually, and recorded in the facility operation and maintenance log.
5. Outfall (001) at the receiving stream was observed. The plant effluent discharge was clear and appeared acceptable. The receiving stream base (including upstream) was light orange, due to past mining activity in the area.

6. One sludge drying bed was full and the other one was half full. No sludge was removed from the facility during 2011, according to the year-end report. Gary reported that sludge has been disposed in the dumpster in the past. This must be documented and reported in the year-end sludge disposal report, as sludge that is landfilled. Please provide any such information you are aware of for 2011; it is important for your record of operation.
7. Part II, Item I, of the permit requires the permittee to post an outfall sign not later than December 1, 2009 (4 months from the effective date of the permit). This has not been done, and is a violation of the condition of the permit. You must post the sign within 2 months.
8. I was unable to inspect the operation and maintenance log book for the facility. Gary Bennett reported that he does maintain such a log which he keeps at the facility.

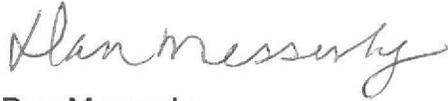
A review of the facility Discharge Monitoring Reports (DMR's), for the period April 2011 through March 2012 revealed the following effluent violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2011:						
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.5	8.69	5/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.06	.09769	5/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.5	8.69	5/8/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.09	.09769	5/8/2011
September 2011:						
001	00530	Total Suspended Solids	30D Conc	12	13.	9/1/2011
October 2011:						
001	00530	Total Suspended Solids	30D Conc	12	44.	10/1/2011
001	00530	Total Suspended Solids	30D Qty	0.45	1.07918	10/1/2011
001	00530	Total Suspended Solids	7D Conc	18	44.	10/22/2011
001	00530	Total Suspended Solids	7D Qty	0.68	1.07918	10/22/2011
December 2011:						
001	00530	Total Suspended Solids	30D Conc	12	15.	12/1/2011

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement action pursuant to the Ohio Revised Code Chapter 6111. If you have not already done so, please inform this office, in writing, within ten days of receipt of this notification as to the reasons for the above referenced violations, as well as a description of the actions taken or proposed to prevent any further violations. Your response should include the dates, either actual or proposed, for completion of the actions.

Attached is a copy of the inspection report which indicates satisfactory evaluations. On the day of the inspection, the facility was found to be in substantial compliance with the permit. Please reply to this letter, in writing, within 14 days of the date of this letter.

Sincerely,

A handwritten signature in cursive script that reads "Dan Messerly".

Dan Messerly
District Staff Engineer
Division of Surface Water

DM/dh

Enclosure

c: Gary Bennett, ORC, TCCI Laboratories, Inc.

NPDES Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPT00033*CD	OH0104396	April 25, 2012	C	S	1

B. FACILITY DATA

Name & Location of Facility Inspected	Entry Time	Permit Effective Date
Southern Local School District 10397 State Route 155 SE Hemlock, Ohio 43743	~4:00 p.m.	August 1, 2009
	Exit Time	Permit Expiration Date
	~5:00 p.m.	July 31, 2014

Name(s) & Title(s) of On-Site Representative(s)	Phone Number(s)
(None present)	(740) 342-1110
Gary Bennett, O.R.C., TCCI Laboratories, 120 W. Broadway, New Lexington, OH 43764	(740) 394-2768
John Arkley, Building & Grounds Supervisor	(740) 394-2768
Charlie Hoop, Building & Grounds Supervisor	(740) 394-2768
Name, Address, & Title of Responsible Official	Phone Number
Greg Holberg, Superintendent Southern Local School District 10397 State Route 155 SE Hemlock, Ohio 43743	(740) 394-2402

C. AREAS EVALUATED DURING INSPECTION

<u> S </u> Permit	<u> S </u> Flow Measurement **	<u> N/A </u> Pretreatment
<u> S </u> Records/Reports *	<u> S </u> Laboratory ***	<u> N/A </u> Compliance Schedules
<u> S </u> Operations & Maintenance	<u> S </u> Effluent/Receiving Waters	<u> S </u> Self-Monitoring Program
<u> S </u> Facility Site Review	<u> </u> Sludge Storage/Disposal	<u> </u> Other
<u> N/A </u> Collection System		

(S = Satisfactory; M = Marginal; U = Unsatisfactory; N = Not Evaluated; N/A = Not Applicable)

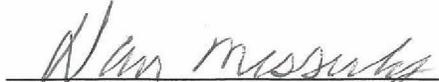
D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

TCCI does sampling typically, including field parameters.

* Gary Bennett reported that 3+ years of records are maintained.

** Flow measurement (runtime meters) must be calibrated annually. See cover letter.

*** Field analytical instruments (D.O., temp., pH) are calibrated every 90 days; must be calibrated prior to each day of use (D.O., pH).



 Dan Messerly, Inspector, Ohio EPA, Southeast District Office

5/2/12

 Date



 Jennifer M. Witte, Reviewer, Ohio EPA, Southeast District Office

5/2/12

 Date