



**Environmental
Protection Agency**

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



1PT0011720101123

BROWN

SOUTHERN OHIO COMMUNITY COLLEGE

WALLER, MICHELLE 2010/11/23

**Environmental
Protection Agency**

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

November 23, 2010

Mike Knauff
100 Hobart Road
Hillsboro, Ohio 45133

RE: Southern Ohio Community College WWTP/Compliance Evaluation
Inspection, NPDES Permit No. OH137502/ OEPA Permit No.
1PT00117*AD and **Notice of Violation**

Dear Mr. Knauff:

On November 12, 2010 I conducted an NPDES Compliance Evaluation Inspection at the Southern Ohio Community College Wastewater Treatment Plant. Rick Cline and Brian McComas – maintenance, were present for the facility. The purpose of the inspection was to evaluate compliance with the terms and condition of the facility's NPDES permit.

Four areas of the inspection received an "Unsatisfactory" rating. See the attached report for more information. **Please pay attention to the "Items Requiring Correction" (shown in bold type) within the report.**

A copy of the inspection report is enclosed.

If you have any questions, please contact me by phone at (937) 285-6028 or by e-mail at michelle.waller@epa.state.oh.us.

Respectfully,



Michelle Waller
Environmental Specialist II
Division of Surface Water

Enclosures

National Wastewater Industries, Inc. (w/enclosures)



Permit # : 1PT00117*AD
 NPDES # : OH0137502



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
1PT00117*AD	OH0137502	11/12/2010	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Southern Ohio Community College 12681 US 62 Sardinia, Ohio	10:40AM	3/1/2006
	Exit Time	Permit Expiration Date
	11:20AM	2/28/2012
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Rick Cline - Maintenance Brian McComas - Maintenance	(937) 515-7051 (937) 402-0400	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Dennis Feichtner 5700 Dry Fork Road Cleves, Ohio 45002	(513) 367-5969	
Name, Address and Title of Responsible Official	Phone Number	
Mike Knauff 100 Hobart Road Hillsboro, Ohio 45133	(937) 393-3431	

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

Ohio EPA Inspector		Ohio EPA Reviewer	
<i>Michelle Waller</i>	11/24/10	<i>Martyn G. Burt</i>	11/23/10
Michelle Waller Division of Surface Water Southwest District Office	Date	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office	Date



Permit # : 1PT00117*AD

NPDES #: OH0137502

Average Daily Design Flow:	15000 Gallons/Day
Plant Serves:	College
Average Daily Flow: (Period of Review):	Unable to calculate as only 9 daily flow rates were reported from 1/1/2010 to 10/1/2010.
Method of flow monitoring:	Calculated from pump timers
Type of alarms for plant:	Visual for pumps.

Pretreatment

Type of Pretreatment: **Trash Trap**
Does the Trash Trap need pumped: **Yes**
Maintenance of pretreatment components is: **Fair**

Comments/Status:

Trash trap is pumped out every 4 months. Due to be pumped out soon.

**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...**Good**

Comments/Status:

**Secondary Treatment
(Settling)**

Clarity: **Clear**
Condition of Weir: **Some algae/solids build up**
Weir is level: **Yes**





Notice of Violation

1.) The Southern Ohio Community College WWTP current National Pollutant Discharge Elimination System permit (1PT00117*AD) is set to expire 2/28/2011. According to OAC 3745-33-04 (C)(1), *The director shall notify the permittee that any permittee who wishes to continue to discharge after the expiration date of his Ohio NPDES permit must file for reissuance of the permit at least one hundred eighty days prior to its expiration. Except as provided by paragraph (C)(2) of this rule, Ohio NPDES permits shall be renewed in accordance with the provisions for issuance of permits under this chapter.*

Ohio EPA has not received the referenced renewal application. A letter reminding Southern Ohio Community College WWTP to submit the renewal application was mailed on April 30, 2010. This has resulted in an "Unsatisfactory" rating for the Permit evaluation. **If Southern State Community College wishes to continue to discharge from the wastewater treatment plant, please submit the renewal application immediately.**

2.) Limit and Frequency Violations

Limit Violations

Reporting Period	Parameter	Limit	Reported Value	Violation Date
May 2010	pH	9.0	9.4	5/10/2010
June 2010	pH	9.0	9.7	6/8/2010
June 2010	pH	9.0	9.3	6/22/2010

Please inform this office, in writing, by December 10, 2010 as to the reason(s) for the above referenced violation(s), as well as a description of the action(s) taken or proposed to prevent any further violation(s). Your response should include the dates, either actual or proposed, for completion of the action(s). Future violations must be reported as required by the NPDES Permit as detailed in Part III.12 titled "Noncompliance Notification." Not turning in these Non-compliance Notifications resulted in the rating of "Unsatisfactory" for the Records/Reports section of the evaluation.

Frequency Violations

In the inspection report sent March 9, 2010, it was noted that the Flow Rate measurement, which is to be measured once per day according to the NPDES permit, had never been reported. Southern State was told to begin reporting this required parameter immediately. No flow rate was ever submitted until August



Permit # : 1PT00117*AD
NPDES # : OH0137502

2010. Since then, the flow rate has only been submitted an average of once per week. The other four days of the week had zeros reported in the flow rate column. The zeros reported are obviously not true readings taken as required in the permit as the college is open more than one day a week. This is a serious violation of the terms of the permit. Mr. Cline stated he was not aware he was supposed to take the reading daily and report it. It was his understanding that he was to take it only once per week. When showed his permit states daily as the measuring frequency, Mr. Cline stated he would take the reading when he takes his other daily readings. This resulted in an "Unsatisfactory" rating for the Flow Measurement evaluation. **Please be advised that failure to comply with 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.**

Items Requiring Correction

While talking with Mr. Cline about his sampling procedures, it was determined that when taking pH and DO samples, Mr. Cline has never calibrated the meters. Standard Methods 1020-B, Item 10 requires the calibration of each piece of equipment each day they are in use. This resulted in the "Unsatisfactory" rating for the Laboratory evaluation. **Southern State must begin calibrating the pH and DO meters before taking the required samples immediately.**

