



**Environmental
Protection Agency**

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



1PZ0002920090609

CLINTON

SNOW HILL COUNTRY CLUB

JACKSON, JOSHUA 2009/06/09

Snow Hill Country Club
June 5/09



State of Ohio Environmental Protection Agency

Southwest District Office

401 East Fifth Street
Dayton, Ohio 45402-2911

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

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

June 9, 2009

Snow Hill Country Club
Attn: Mr. Jamie Jacobs
11093 SR 73
New Vienna, OH 45159

**RE: Snow Hill Country Club WWTW/Compliance Evaluation Inspection
NPDES Permit No. OH0109169/OEPA PERMIT NO. 1PZ00029*BD**

Dear Mr. Jacobs:

On June 4, 2009, I conducted a NPDES Compliance Evaluation Inspection of the Snow Hill Country Club wastewater treatment works (WWTW). You were present when I first arrived but did not accompany me during the inspection. Mr. Keith Collins is the operator of record for this facility. While he was not present during the inspection, I did follow up with him (via telephone) on June 9, 2009. The purpose of the inspection was to evaluate compliance with the terms and conditions of the NPDES Permit. A copy of the report is provided within.

Please pay special attention to the "items requiring correction" shown in bold type, for there are compliance schedules associated with these items. Ohio EPA is considering enforcement against Snow Hill Country Club, especially if these items are not rectified by the dates given.

If you have any questions, please feel free to contact me by phone at (937) 285-6029 or by e-mail at joshua.jackson@epa.state.oh.us.

Respectfully,

Joshua Jackson
Environmental Specialist II
Division of Surface Water

Cc: Keith Collins (w/attachments)

Enclosures



Permit #: 1PZ00029*BD
 NPDES #: OH0109169

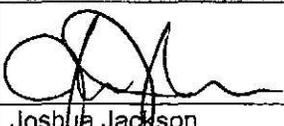
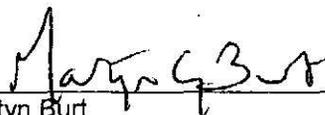


State of Ohio Environmental Protection Agency
 Southwest District Office

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
1PZ00029*BD	OH0109169	6/4/2009	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Snow Hill Country Club 11093 SR 73 New Vienna, Clinton County	9:30 a.m.	3/1/2006
	Exit Time	Permit Expiration Date
	10:30 a.m.	2/28/2011
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Keith Collins P.O. Box 458 New Vienna, OH 45159	513-317-2661	
Name, Address and Title of Responsible Official	Phone Number	
Jamie Jacobs, Manager 11093 SR 73 New Vienna, OH 45159	937-987-2491	

Ohio EPA Inspector	Ohio EPA Reviewer
 Joshua Jackson Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
6-9-09 Date	6/9/09 Date

Permit # : 1PZ00029*BD
 NPDES # : OH0109169

Average Daily Design Flow:	12,500 Gallons/Day
Plant Serves:	Clubhouse/Proshop
Average Daily Flow (Period of Review):	Gallons/Day () Not provided on DMRs
Method of flow monitoring:	Water Meter inside the building
Type of alarms for plant:	Visual - High Water alarm for EQ basin and sand filter dosing chamber

Pretreatment

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

Comments/Status:

**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: **Cloudy**
 Condition of Weir: **Clean**
 Weir is level: **Yes**

Permit #: 1PZ00029*BD
NPDES #: OH0109169

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

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

Comments/Status:

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 type="checkbox"/>	<input checked="" type="checkbox"/>	Beds alternated	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are filters ponding/flooding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds raked	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sand filters overgrown	<input checked="" type="checkbox"/>	<input 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: **Fair**

Comments/Status:

Sludge Handling/Storage/Disposal

Hauler name: A-1

Disposal Site:

Sludge wasted from: Sludge holding tank

How often is sludge wasted: Operator of Record has never had sludge hauled

Sludge drying beds: **Yes** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:

Plant Discharge

Discharge point is a: **Ditch**

Name of discharge point: **Unnamed trib of East Fork Little Miami River**

Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:

Discharge pipe travels approximately 100 yards to an adjacent storm culvert.

Inspection Findings
(Items for correction shown in bold type)

EFFLUENT LIMIT VIOLATIONS
(Period of Review: January 2008 –April 2009)

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

Reporting Period	Parameter	Limit type	Limit	Reported Value
April 2009	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.
April 2009	Nitrogen, Ammonia (NH3)	7D Conc	4.5	8.

* Part III "General Conditions" of Snow Hill Country Club's NPDES permit requires the submission of monitoring data to the Ohio EPA on monthly basis (discharge monitoring reports or DMRs). No DMRs were submitted to Ohio EPA for January 2008 – March 2009. Ohio EPA has already sent a Notice of Violation to Snow Hill Country Club on April 20th 2009, citing this violation. The Operator of Record (Keith Collins) contacted this office and stated that he had the data, but had not submitted it to Ohio EPA. These DMRs must be submitted without delay. At this point, Ohio EPA is considering an enforcement action against Snow Hill Country Club.

Operator of Record Notification

The attached Operator of Record Notification form shall be completed and submitted to Ohio EPA. Within three days of any future changes in an operator of record, the permittee shall notify the Director of the Ohio EPA of any such change on a form acceptable to Ohio EPA. The appropriate form can be found at the following website:

http://www.epa.state.oh.us/ddagw/Documents/opcert/Operator_of_Record_Notification_Form.pdf

Operator's Log

At the time of the inspection, there was no operator's log book located on the WWTW grounds. An operation & maintenance log is required by Ohio Administrative Code 3745-7-09 (which states the following):

(A) *The owner and operator of record of a public water system, treatment works or sewerage system shall maintain or cause to be maintained operation and maintenance records for each public water system, water treatment plant within a public water system, treatment work, or wastewater treatment facility within a treatment works. Some of the formats in which the records may be maintained include, but are not limited to, hard bound books with consecutive page numbering, time cards, separate operation and maintenance records, or well organized computer logs.*

1) *The records shall be housed and maintained in such a manner as to be protected from weather damage and guarantee the authenticity and accuracy of the records contained within.*

(2) *The records shall be accessible onsite for twenty-four hour inspection by agency or emergency response personnel.*

(3) *At a minimum, the following information shall be recorded:*

(a) *Identification of the public water system, sewerage system, or treatment works;*

(b) *Date and times of arrival and departure for the operator of record and any other operator required by this chapter;*

(c) *Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced;*

(d) *Results of tests performed and samples taken, unless documented on a laboratory sheet;*

(e) *Performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced; and*

(f) *Identification of the persons making entries.*

(4) *The records shall be kept up to date, contain a minimum of the previous three months of data at all times, and be maintained for at least three years.*

The operator of record must immediately begin meeting the requirements of Ohio Administrative Code 3745-7-09. The log book must be available for inspection at all times.

Daily Readings

The NPDES permit requires daily monitoring of color, odor, turbidity and discharge flow. Currently, Snow Hill Country Club does not have a maintenance person assigned to take these daily readings. The operator of record is only on-site once or twice per week. **Arrangements must be made to meet the daily monitoring requirements of the discharge permit by no later than June 26, 2009.**

Discharge flow is currently measured by water meter readings. Since this meter is located inside the clubhouse building (basement), the operator of record does not always have access to take the readings (required daily). **An elapsed flow meter must be installed on sand filter dosing pumps no later than June 30, 2009. This meter will count the number of pump cycles, which can be translated into discharge flow volume.**

Trash Trap

The operator of record did not know when the trash trap (or grease trap) was last pumped out (he believed that it had been a year or more). **These tanks should be pumped out without delay but no later than June 30, 2009.** At a minimum, annual tank pump-outs by a licensed hauler should occur as part of the regular operation and maintenance schedule. The dates of these pump-outs must be recorded in the operator's log book.

Slow Surface Sand Filter

The sand filter was overgrown with weeds and the distribution box was not working correctly. The PVC pipe used to isolate sand beds was cracked; so fixed media clarifier effluent was flowing into both beds at the same time. It is important that one sand filter be allowed to "rest" while the other is being utilized. **The sand filter beds must be cleared of weeds and raked and the distribution box must be fixed to allow isolation of individual beds. This work must be completed by June 30, 2009.**

At the time of the inspection, the high water alarm light for the sand filter dosing wet well was not working. This item must be fixed no later than June 30, 2009.

Closing Comments

All other portions of the WWTW appeared to be operating correctly. The mixed liquor in the aeration basins had a nice color and there were no objectionable odors present. Both the skimmers and the sludge return lines were working. The final effluent was clear and free of solids.

Once all the items required for correction are completed, a letter must be submitted to this office certifying that fact.



Ohio Environmental Protection Agency
 Division of Drinking and Ground Waters
 Operator Certification Unit

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: _____	

