



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

May 21, 2013

Re: Coshocton County, Tuscarawas Twp.
Coshocton County Head Start
(f.k.a. Coshocton County Home)
Compliance Evaluation Inspection
OGS00085*AG
Correspondence (SP)

Mr. Brian Simmons, Utility Director
Coshocton County Commissioners
401 ½ Main Street
Coshocton, Ohio 43812

Dear Mr. Simmons and Commissioners:

On May 7, 2013, I conducted a compliance evaluation inspection of the Coshocton County Head Start, formerly known as the County Home under the ownership of the County Commissioners. The facility is located at 3201 County Road 16 and covered under general permit OGS00085*AG for small sanitary discharges as of August 2012.

A review of date since coverage became effective in August 2012 through April 2013 shows the following violations.

Parameter	Limit Type	Limit	Reported Value	Violation Date
Total Suspended Solids	30D Conc	12	27.	8/1/2012
Dissolved Oxygen	1D Conc	6.0	3.64	8/29/2012
Chlorine, Total Residual	1D Conc	0.019	.09	8/31/2012
Nitrogen, Ammonia (NH3)	30D Conc	3.0	7.86	3/1/2013
Nitrogen, Ammonia (NH3)	7D Conc	4.5	7.86	3/22/2013

Non-compliance notifications have been received from the operator. The operator is trying to identify if there is a high strength ammonia source entering the plant. The facility brought in seed from another facility to establish mixed liquor. The facility

may want to verify that sufficient alkalinity is present to accomplish nitrification. I also noted that the plant may benefit if there was an option to take a portion of aeration tankage out of service.

Sincerely,



Aaron Pennington
Environmental Specialist II
Division of Surface Water

AP/dh

Enclosure

c: Tim Kettler, Action Septic Service, Inc.

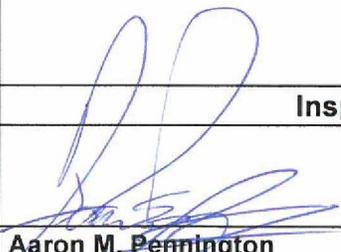


State of Ohio Environmental Protection Agency
Southeast District Office

Semi-Public NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES #	Month/Day/Year	Inspection Type	Inspector	Facility Type
OGS00085*AG	OHS000003	May 7, 2013	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Coshocton County Head Start, Inc. 3201 County Road 16 Coshocton, Ohio 43812	~10:50 am	July 1, 2012
	Exit Time	Permit Expiration Date
	~11:40 am	December 31, 2014
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Tim Kettler, Action Septic Service		
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Tim Kettler, Action Septic Service		
Name, Address, and Title of Responsible Official	Phone Number	
Coshocton County Commisioners		

Section D: Summary of Findings (attach additional sheets if necessary)	
Please see attached cover letter.	
Inspector	Reviewer
 Aaron M. Pennington Division of Surface Water Southeast District Office	 Jennifer M. Witte Compliance & Enforcement Supervisor Division of Surface Water Southeast District Office
5-21-13 Date	5/21/13 Date

Average Daily Design Flow:	~12,000 Gallons/Day
Plant Serves:	Head Start Facility
Average Daily Flow:	~3000 Gallons/Day
(Period of Review):	(Jan-April 2013)
Method of flow monitoring:	Dosing pumps
Type of alarms for plant:	visual

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the Trash Trap need pumped: **No**
 Maintenance of pretreatment components is: **Fair**

Comments/Status:

Secondary Treatment (Aeration)

Color of sludge: **Light Brown**
 Quality of sludge: **Thin**
 Foam: **None Present**
 Odor: **Slight**

	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:

Looking to identify if there is a high ammonia source entering the plant. The facility has had seed brought in the past year. May want to verify that sufficient alkalinity is available. The plant's DO and RAS seemed fine. That plant may be able to keep a better mixed liquor if there was option to take some of the aeration tanks out of service.

Secondary Treatment (Settling)

Clarity: **Cloudy**
 Condition of Weir: **Clean**
 Weir is level: **Yes**
 Effluent in weir: **Clear**
 Clarifier walls need scraped: **No**

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

Comments/Status:

Tertiary Treatment

	Yes	No		Yes	No
Surface sand filters:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<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 type="checkbox"/>	<input checked="" 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 settling components is: **Fair**

Comments/Status:

Sludge Handling/Storage Disposal

Hauler name: Action Septic Service, Inc
 Disposal site: another POTW or landfill
 Sludge wasted from: holding tank or sludge drying beds
 How often is sludge wasted: Not recently
 Sludge drying beds: **Yes** Sludge holding tank: **Yes**

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

Comments/Status:

Facility had to be seeded recently

Record Keeping/Operator of Record

- | | |
|---|-----|
| (a) Wastewater Treatment Works classification (OAC 3745-7) | A |
| (b) Operator of Record holds unexpired license of class required by Permit | Y |
| (c) Copy of certificate of Operator of Record displayed on-site | N/A |
| (d) Has the Operator of Record submitted an ORC Notification form..... | Y |
| (e) Minimum operator staffing requirements fulfilled (OAC 3745-7) | Y |
| (f) If a Staffing Reduction plan has been approved, are the stipulations of the plan being met | N/A |
| (g) Operator of Record log book provided..... | Y |
| (h) Format of log book (e.g. computer log, hard bound book) | |
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">book</div> | |
| (i) Log book kept onsite (in an area protected from weather) | Y |
| (j) Log book contains the following: | |
| I. Identification of treatment works..... | Y |
| II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7 | Y |
| III. Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.) | Y |
| IV. Laboratory results (unless documented on bench sheets) | Y |
| V. Identification of person making entries..... | Y |
| (k) Has the Operator of Record submitted written notifications to the permittee, Ohio EPA and, if applicable, any local environmental agencies when a collection system overflow, treatment plant bypass or effluent limit violation has occurred | Y |

Comments/Status:

Plant Discharge

Discharge point is a: **Stream**
 Name of discharge point: **001**
 Discharge is visible: **No**
 Quality of Effluent: **Other**

Comments/Status:

No flow was viewed from outfall during the inspection.

Effluent Limit Violations

Period of Review: August 2012 through April 2013

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

Parameter	Limit Type	Limit	Reported Value	Violation Date
Total Suspended Solids	30D Conc	12	27.	8/1/2012
Dissolved Oxygen	1D Conc	6.0	3.64	8/29/2012
Chlorine, Total Residual	1D Conc	0.019	.09	8/31/2012
Nitrogen, Ammonia (NH3)	30D Conc	3.0	7.86	3/1/2013
Nitrogen, Ammonia (NH3)	7D Conc	4.5	7.86	3/22/2013