



**Environmental
Protection Agency**

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

October 1, 2012

Re: Hocking County
Lost Hollow Property Owners Assn.
Compliance Evaluation Inspection
NPDES Permit 0PX00005*FD
Correspondence (PWW)

Mr. Mike Branson, President
Lost Hollow Property Owners Assn.
16700 Harble Griffith Road
Logan, Ohio 43138

Dear Mr. Branson:

On September 5, 2012, Aaron Pennington and I conducted a compliance evaluation inspection of the wastewater treatment plant serving the Lost Hollow Property Owners Association. Mark Bownes represented Lost Hollow and assisted us during the inspection. The purpose of the inspection was to determine the facility's compliance status with the terms and conditions of NPDES permit number 0PX00005*FD.

During the inspection, the rapid sand filter appeared to be overloaded. This was due to the maintenance of the inoperable aeration basin and the large amount of solids in the clarifier and aeration basin. We recommended Mr. Bownes waste sludge more frequently to help the operation of the sand filter. We also recommended the property owners association consider converting the inoperable aeration basin into an equalization tank instead of putting it back into service as an aeration basin. This would allow Mr. Bownes to hold water back during periods of high flow instead of pushing solids to the sand filter.

Please continue to submit your Discharge Monitoring Reports (DMR) no later than the 20th each month. We are still missing the DMR for June 2011. Please submit the missing data as soon as possible, but no later than October 15, 2012, to avoid an enforcement.

A copy of the inspection report is attached. If there are any questions, please call me at (740) 380-5268.

Sincerely,

Jack Knapp
District Representative
Division of Surface Water

JK/dh

Enclosure:

c: Mark Bownes



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
OPX00005*FD	OH0099210	September 5, 2012	R	S	1

Section B: Facility Data			
Name and Location of Facility Inspected		Entry Time	Permit Effective Date
Lost Hollow Property Owner Assn 16700 Harble Griffith Road Logan, Ohio 43138		12:10 p.m.	September 1, 2012
		Exit Time	Permit Expiration Date
		1:15 p.m.	August 31, 2017
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)	
Mark Bownes, Operator		(740) 216 - 0610	
Name, Address, and Title of Responsible Official		Phone Number	
Mike Branson, President 16700 Harble Griffith Road Logan, Ohio 43138		(614) 313 - 8517	

Section D: Summary of Findings (attach additional sheets if necessary)
The plant was undergoing maintenance at the time of the inspection. Please see attached letter.

Inspector	Reviewer
 Jack Knapp District Representative Division of Surface Water Southeast District Office	 Jennifer M. Witte Compliance & Enforcement Supervisor Division of Surface Water Southeast District Office
Date <i>10/10/12</i>	Date <i>10/11/12</i>

Average Daily Design Flow:	60,000 Gallons/Day
Average Daily Flow:	20,300 Gallons/Day
(Period of Review):	(1/1/12 – 8/1/12)
Method of flow monitoring:	Elapsed Time
Type of alarms for plant:	Audio/Visual

Pretreatment

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

Comments/Status:

Secondary Treatment (Aeration)

Color of sludge: **Dark Brown**
 Quality of sludge: **Heavy**
 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 type="checkbox"/>	<input checked="" type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is: **Excellent**

Comments/Status:

The one train that was on line was in pretty good shape, but probably needs to waste sludge. The other train is in operable for the time being. The operator was in the process of replacing the existing pipes with PVC.

Secondary Treatment (Settling)

Clarity: **Clear**
 Condition of Weir: **Solids Build Up**
 Weir is level: **Yes**
 Effluent in weir: **Light Solids**
 Clarifier walls need scraped: **Yes**

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

Comments/Status:

The clarifier was being overloaded because the operator was attempting to drain the inoperable train for maintenance.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand filters: Rapid	<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 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 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:

The rapid sand filter was being overloaded due to maintenance. The operator had to keep back washing the filter.

Sludge Handling/Storage Disposal

Hauler name: Unknown
 Disposal site: Lancaster WWTP
 Sludge wasted from: clarifier and aeration basin
 How often is sludge wasted: as needed
 Sludge drying beds: **No** Sludge holding tank: **Yes**

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

Comments/Status:

The sludge drying beds are no longer in operation because they no longer land apply.

Record Keeping/Operator of Record

- (a) Wastewater Treatment Works classification (OAC 3745-7) I
- (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
- (d) Has the Operator of Record submitted an ORC Notification form..... N
- (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 N/E
- (h) Format of log book (e.g. computer log, hard bound book)
- (i) Log book kept onsite (in an area protected from weather) N/E
- (j) Log book contains the following:
 - I. Identification of treatment works.....
 - II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7.....
 - III. Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.)
 - IV. Laboratory results (unless documented on bench sheets)
 - V. Identification of person making entries.....
- (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 N/A

Comments/Status:

Plant Discharge

Discharge point is a: **Ditch**
Name of discharge point: **Dry Run**
Discharge is visible: **Yes**
Quality of Effluent: **Clear**

Comments/Status:

Effluent Limit Violations

Period of Review: 1/1/12 – 8/1/12

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

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	1D Conc	18	20.	5/2/2012
001	00530	Total Suspended Solids	1D Conc	18	20.	5/30/2012
001	00300	Dissolved Oxygen	1D Conc	5	3.7	5/30/2012
001	31616	Fecal Coliform	30D Conc	1000	10000.	7/1/2012
001	31616	Fecal Coliform	1D Conc	2000	10000.	7/25/2012