



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korfeski, Director

Re: Erie County
Kelleys Island
Village Pump
NPDES Permit

November 3, 2008

Mr. Gary Finger, Owner
The Village Pump
P.O. Box 76
Kelleys Island, Ohio 43440

Dear Mr. Finger:

On September 10, 2008, an inspection was made of the wastewater treatment facilities serving The Village Pump. In general, both operation and maintenance of the plant appeared fair. All major treatment components were in operation, and a slightly turbid final effluent was observed being discharged from the plant. One of the sand filters was extremely ponded and in need of attention. You indicated your intention to completely rebuild the sand filters prior to next year. This is needed; however, I remain concerned over the root cause of surging solids.

NPDES discharge monitoring reports are being received and indicate continued violations since my last inspection in July. A copy of the violations is enclosed to review with your operator.

A more concerted effort needs to be made next operating season to address permit violations, as chronic violations may result in mandated conditions in your next NPDES permit renewal

Please find enclosed my inspection report. If you have any questions, please feel free to call me at (419) 373-3020 or email at rick.zuzik@epa.state.oh.us.

Sincerely,



Richard A. Zuzik, MSE
Division of Surface Water

/llr

pc: Rob Strahm, Bluffton Aeration Service
Erie County Health Department
(DSW: NWDO: File)

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR 00083

Facility Name Village Pump Expiration Date: 8-31-10

Facility Address Lakeshore / Downtown Date 9-10-08 Time 1250 am pm

City Kelleys Island County Erie Township -

Name and Address of Owner Gary Finger, P.O. Box 76, KI

Person Contacted Gary Owner Phone (419) 746-2241

Flow: Design 14,000 GPD Present unknown GPD (metered - estimated)

Trib. Pop. Pump & Bay the Moon (actual - estimated) Weather at time of inspection: Temp 70° Cloudy

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild	<input checked="" type="checkbox"/>	Slightly Turbid				
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Lake Erie - Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent _____ good fair _____ poor operation
 b. Plant has _____ excellent _____ good fair _____ poor maintenance
 c. Sand filters have _____ excellent _____ good _____ fair poor maintenance

d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/solids overload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct. 31)		
IN	OUT	
<input checked="" type="checkbox"/>	_____	Chlorination Tablets
<input checked="" type="checkbox"/>	_____	Dechlorination Tablets
_____	_____	Ultraviolet (U.V.)

4. Yes No _____ Compliance with NPDES Permit

Periodic Violations Y _____ N Parameters: E. coli
 Chronic Violations _____ Ammonia, TSS

5. Adequate plant safety

6. Operation and Maintenance Service

Name Bluffton Aeration
 Frequency of Visits 1/week

Facility Name: Village Pump

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	2	Trash Trap	Pumping Frequency 3x/yr
	2	Grease Trap	Pumping Frequency 3x/yr
		Bar Screen	
		Comminutor	
	1	Flow Equalization	
Aeration Equipment	2	Plant Timer ___Y ___N Motor / Blower Unit	Cycle Time:
Secondary Treatment	2	Aeration Tank	Color: Char. Brown Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	1	Clarifier	
	2	Sludge Return	In <input checked="" type="checkbox"/> Out
	2	Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	1 severely ponded
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	Slightly turbid
	1	Chlorine Tube Feeder	in
	1	Dechlorination Tube Feeder	in
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	NOT USED
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

7-1-08 to 9-28-08

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00083*CD	July 2008	001	00530	Total Suspended Solids	30D Conc	12	18.	7/1/2008
2PR00083*CD	July 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2	3.19	7/1/2008
2PR00083*CD	July 2008	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	3	3.19	7/8/2008
2PR00083*CD	August 2008	001	00530	Total Suspended Solids	30D Conc	12	37.	8/1/2008
2PR00083*CD	August 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2	10.1	8/1/2008
2PR00083*CD	August 2008	001	31648	E. coli	30D Conc	126	1100.	8/1/2008
2PR00083*CD	August 2008	001	00530	Total Suspended Solids	1D Conc	18	37.	8/5/2008
2PR00083*CD	August 2008	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	3	10.1	8/5/2008
2PR00083*CD	September 2008	001	00530	Total Suspended Solids	30D Conc	12	46.	9/1/2008