



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

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

Re: Marion County
Glen Gery Corporation
NPDES Permit

December 14, 2009

Mr. Paul Modespaugh
Glen Gery Corporation
3785 Cardington-Iberia Road
Iberia, Ohio 43325

Dear Mr. Modespaugh:

On November 23, 2009 an operation and maintenance inspection was made at your Iberia facility. This facility is located at 3785 Cardington-Iberia Road, in Tully Township, Marion County. This inspection was conducted as part of your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2IJ00074*GD.

At the time of the inspection, the sanitary treatment facility was in operation. The contents of the aeration tank were brown with good roll. The final discharge from the sanitary plant (Outfall 002) was visually clear. No oil sheens were observed on both sedimentation ponds which were treating process wastewater and stormwater runoff. Outfall 001 was discharging (low flow) to a small channel prior to Flat Run. However, we did not collect effluent samples to determine the water quality of the discharge during our visit.

Listed below are some of our recommendations to enhance the wastewater treatment plant's operation:

- 1) Continue to maintain a licensed/certified wastewater operator.
- 2) Continue to check the trash trap and pump it out as necessary.
- 3) The mixed liquor in the aeration tank appeared brown and is an indicator of a fairly healthy microbial population. Continue the current rate of aeration to maintain that color.
- 4) The skimmers must be adjusted so that they just break the surface tension of the liquid in the final clarifiers.
- 6) The weirs of the final clarifiers should be cleaned and leveled so that a moderate amount of liquid passes evenly over the total length.

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7) Continue to check that the sludge returns are returning activated sludge to the aeration tanks. If no activated sludge is being returned to the aeration tanks, then gently scrape the sides of the final clarifiers all around the hoppers with slow, easy, downward motions, just enough to help move the sludge toward the bottom of the hopper. This procedure should be done once a week and will increase the solids being returned to the aeration tanks and help turn the color in the aeration tanks to a darker brown.

Our review of your discharge monitoring reports (1/1/2008 to 11/1/2009) for this facility indicated a few effluent violations. Please refer to the enclosed violation table and share it with your operator of record. Our completed inspection form is enclosed for your review. Should you have any questions, please contact me at 419-373-3021.

Yours truly,

A handwritten signature in black ink, appearing to read "Jason Ko", is written over a horizontal line. The signature is stylized and somewhat illegible.

Jason Ko
Division of Surface Water

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Enclosures

pc: Marion County Health Department
DSW-NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2IJ00074

Facility Name: Glen Gery Corp Expiration Date: November 30, 2011

Facility Address: 3785 cardington-Iberia Road Date: 11/23/2009 Time: 12:00 pm

City: Iberia County: Marion Township: Tully

Name and Address of Owner: Glen Gery Corp, 3785 Cardington-Iberia Road, Iberia, Ohio

Person Contacted: Paul Modespaugh (Tech Manager) & Larry Hanes (WW Operator) Owner Phone: (419) 468-5002

Flow Design: 2,000 GPD Present 200 GPD (estimated)

Trib. Pop. 6 (estimated) Weather at time of inspection: Temp 45°F - cloudy

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No. (Outfall 002)

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

Effect of effluent on Receiving Stream Name: 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 X good _____ fair _____ poor operation
 b. Plant has _____ excellent X good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent X good _____ fair _____ poor maintenance

d. Not operating at expected efficiency due to:

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

Disinfection: (Required May 1 thru Oct.31.)

IN OUT
 _____ X Chlorination Tablets
 _____ X Dechlorination Tablets
 _____ _____ U.V

4. Yes _____ No X Compliance with NPDES Permit Periodic Violations X _____ Parameters: TSS @ Outfall 001
5. X _____ Adequate Plant Safety Chronic Violation _____ _____
6. X _____ Operation and Maintenance Service Name : Hanes Environmental Inc

Frequency of Visits 1/week

Facility Name: Glen Gery Corp

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 2/year
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <u>X</u> <u>Y</u> <u> </u> <u>N</u> Motor/ Blower Unit	Cycle Time: ON ½ hour & OFF ½ hour
Secondary Treatment	1	Aeration Tank	Color : Brown; good roll; underloaded Adequate Aeration: Y <u>X</u> N <u> </u>
Final Settling	1	Clarifier	
	1	Sludge Return	In <u>X</u> Out <u> </u>
	1	Surface Skimmer	In <u>X</u> Out <u> </u>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	OUT	Chlorine Tube Feeder	
	OUT	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	IN	Recorder (continuous total)	Water Meter
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Haul to City of Marion
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
21J00074*GD	March 2008	001	00530	Total Suspended Solids	1D Conc	45	72.	3/11/2008
21J00074*GD	March 2008	001	00530	Total Suspended Solids	30D Conc	30	72.	3/1/2008
21J00074*GD	June 2008	001	00530	Total Suspended Solids	1D Conc	45	62.	6/3/2008
21J00074*GD	June 2008	001	00530	Total Suspended Solids	30D Conc	30	43.	6/1/2008
21J00074*GD	February 2008	001	00530	Total Suspended Solids	1D Conc	45	148.	2/11/2008
21J00074*GD	February 2008	001	00530	Total Suspended Solids	30D Conc	30	148.	2/1/2008
21J00074*GD	April 2008	001	00530	Total Suspended Solids	1D Conc	45	60.	4/1/2008
21J00074*GD	April 2008	001	00530	Total Suspended Solids	30D Conc	30	60.	4/1/2008