



Environmental
Protection Agency

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

Re: Ashland County
Jeromesville WWTP
NPDES Permit

January 28, 2011

Mr. Paul Lapp, Administrator
Village of Jeromesville
81 South High Street
P. O. Box 83
Jeromesville, Ohio 44840

Dear Mr. Lapp:

On January 13, 2011, an inspection was made of the Village of Jeromesville WWTP. You were present during the inspection to answer questions regarding the plant operations. No major concerns were observed during the inspection. All of the equipment was in service and operating correctly. A clear effluent was observed discharging to the receiving stream.

During the inspection I recommended that the UV tank be pumped down and cleaned at least once a year. A good time to do this is in conjunction with the installation or removal of the UV bulbs for the disinfection season. The water in the UV tank appeared slightly turbid and you mentioned that the tank had not been pumped out since the plant went online. You indicated that the brackets within the upflow clarifiers that hold the media in place had to be replaced over the summer. The contractor left several spare parts, so that in the future the Village can complete this work on their own.

A review of the discharge monitoring reports submitted to our office for the time period of May through November 2010, revealed one violation of the limits contained in your NPDES permit. The violation was for exceeding the CBOD limit in July 2010.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/llr

pc: [DSW-NWDO File w/enclosure
Lonnie McGhee, McGhee's TWSI w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PA00092

Facility Name Jeromesville WWTP Expiration Date 4/30/2015

Facility Address West St + State Alley Date 1/13/11 Time 10:15 am

City Jeromesville County Ashland Township _____

Name and Address of Owner _____

Person Contacted Paul Lapp Owner Phone _____

Flow: Design 66,000 GPD Present 17,000-35,000 GPD (metered - estimated)

Trib. Pop. 600 (actual - ~~estimated~~) Weather at time of inspection: Temp 20° part sunny

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of effluent on Receiving Stream Name: unnamed trib Jerome Fork Mahican

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
_____	<input checked="" type="checkbox"/> U.V.

4. Yes _____ No _____ Compliance with NPDES Permit

Periodic Violations Y N Parameters: CBOD violation in July

Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name McGhee's TWSI

Frequency of Visits 5/week
Paul visiting on weekends

Facility Name: Jeromesville WWTTP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
	X	Bar Screen	backup
	X	Graininator Screening & classifier	okay
	X	Flow Equalization	okay
Aeration Equipment		Plant Timer ___ Y <input checked="" type="checkbox"/> N	Cycle Time:
	X	Motor/ Blower Unit <i>run. by</i>	switch slows weekly
Secondary Treatment	X	Aeration Tank	Color: good color & roll Adequate Aeration: Y <input checked="" type="checkbox"/> N ___
Final Settling	X	Clarifier	great clar. by in both
	X	Sludge Return	In <input checked="" type="checkbox"/> Out ___
	X	Surface Skimmer	In <input checked="" type="checkbox"/> Out ___
	X	Fixed Media Clarifier	okay - work done on last year
Tertiary Treatment	X	Surface Sand Filter	not good - currently on west bed
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	out for season / recommend storage rack
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	at UV tank discharge
Pumps	X	Raw Wastewater (type) Flow EQ	okay
	X	Sand Filter Effluent Dosing	okay
Sludge Handling	X	Aerated Storage Tank	okay - hauled twice in 2010
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
	X	Other	Cascade Aeration