



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

Re: Richland County
Clear Fork High School
NPDES Permit

March 27, 2013

Dr. Matthew Dill, Superintendent
Clear Fork Valley Local Schools
92 Hines Avenue
Bellville, Ohio 44813

Dear Dr. Dill:

On February 28, 2013, an inspection was made of the wastewater treatment facilities serving the Clear Fork High School located at 987 State Route 97 East, Jefferson Township, Richland County. At the time of the inspection, the treatment plant appeared to be operating normally. A clear effluent was being discharged from the treatment plant. The operator's log was reviewed and found to be adequate. The sand filter bed walls and chlorine tank fernco coupling had been repaired since our previous inspection.

There was no outfall sign at the discharge to the creek as required by Part IV, Paragraph I located on Page 22 of your general National Pollutant Discharge Elimination System (NPDES) permit. This sign was required to be erected no later than July 1, 2010. This sign should be placed immediately. Refer to the NPDES permit for the necessary information to be included on the sign.

A review of the discharge monitoring reports for the period of April 2012 through February 2013 revealed two violations of the limits contained in your NPDES discharge permit. Both violations were for exceeding the nitrogen ammonia limit in the December 2012 sample.

Our completed inspection report is enclosed for your review. If you have any questions, please call me at 419-373-3070.

Sincerely,

A handwritten signature in black ink, appearing to read 'Walter Ariss', written over a horizontal line.

Walter Ariss, P.E.
Environmental Specialist II
Division of Surface Water

/jlm
Enclosure

pc: Lonnie McGhee, McGhee's Technical Water Services Inc.
ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 26500017

Facility Name Clear Fork Local Schools Expiration Date 12/31/14

Facility Location 987 SR 97 East Date 2/28/13 Time 11:30 am

City Bellville County Richland Township _____

Name of Owner _____ Owner Phone _____

Person Contacted _____ Operator of Record McGhee's TWSE

Flow: Design 20,000 GPD WWTP Classification: X A or I

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 33° - snow

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of Effluent on Receiving Stream Name: unnamed trib Clear Fork Mohican

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

Chlorination Tablets
 Dechlorination Tablets
 Ultraviolet (U.V.)

Yes No

4. _____ Compliance with NPDES Permit

Periodic Violations Y X N Parameters: ammonia

Chronic Violations _____ X _____

5. _____ O & M logbook kept and available on site: Location In control panel

6. _____ Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)
 (Class I - 3 days per week for minimum 1.5 hours per week)

7. _____ Adequate Plant Safety: Deficiencies _____

Facility Name: Clear Fork Local Schools

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency ?
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		X	Flow Equalization
Aeration Equipment	X	Plant Timer X Y ___ N	Cycle Time: appears adequate
	X	Motor / Blower Unit	in off cycle
Secondary Treatment	X	Aeration Tank	Color: Adequate Aeration Y ^{blowers off} N
Final Settling	X	Clarifier	Good clarity, can see several feet down
	X	Sludge Return	In ___ Out X
	X	Surface Skimmer	In ___ Out X
	X	Fixed Media Clarifier Some sludge on both	both upflows in use
Tertiary Treatment	X	Surface Sand Filter	both filter beds have sludge on surface, least bed in use
		Polishing Pond	
		Other	
Disinfection	X	Contact Tank	good clarity - can see down several feet
	X	Chlorine Tube Feeder	out
	X	Dechlorination Tube Feeder	out
		Ultraviolet (UV)	
Flow Metering	X	Elapsed Pump Time	on filter dosing pumps
		Recorder (continuous total)	
Pumps	X	Raw Wastewater (Type) Flow EQ	okay
	X	Sand Filter Effluent Dosing	okay
Sludge Handling	X	Aerated Storage Tank	1/2 full - air off
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	off
		Spray Irrigation	
		Other	