



Environmental
Protection Agency

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

Re: Richland County
M&D Real Estate
NPDES Permit

August 23, 2011

Mrs. Shelly Fisher
M&D Real Estate Investments
1862 Westover Court
Mansfield, Ohio 44906

Dear Mrs. Fisher:

On August 3, 2011, an inspection was made of the wastewater treatment facilities serving your property located at 4732 Lincoln Highway, Springfield Township, Richland County. At the time of the inspection, all major components of the treatment system appeared to be operating normally.

During the inspection, it was noted that the tablets in the chlorine feeder were not in contact with the water. Several tablets at the bottom of the feeder tube had partially dissolved and become soft; however, they were preventing full tablets from falling down the tube to replace them. While performing checks at the treatment plant, the operator needs to be sure that the tablets are falling down the tube. This requires the tube to be removed from the box and visually inspected. Please see the enclosed photograph.

The operator's log mentioned that the left sand filter dosing pump was malfunctioning beginning on July 18. It did not appear that this pump has been repaired. This should be done immediately if not already completed.

Our office has received your discharge monitoring reports for the months of January through July 2011. A review of the data submitted revealed five *violations* of the limits contained in your NPDES permit. Four of the *violations* were for exceeding the pH limit; the other was for exceeding the total suspended solids limit.

A copy of our completed inspection report has been enclosed for your review. If you have any questions, please call me at 419-373-3070.

Sincerely,

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

/jlm

Enclosures

pc: Lonnie McGhee, McGhee's Technical Water Service Inc.

NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00225

Facility Name McD Real Estate Expiration Date 7/31/2016
 Facility Address 4732 Lincoln Highway Date 8/3/11 Time 9:30 (am/pm)
 City Crestline County Richland Township _____
 Name and Address of Owner Shelly Fisher
 Person Contacted _____ Owner Phone _____

Flow: Design 2,000 GPD Present 0-1,000 GPD (metered estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 70° cloud

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 Paramour Creek

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 - need to check
 _____ Dechlorination Tablets tablets
 _____ U.V.

4. Yes No Compliance with NPDES Permit
 Periodic Violations N Parameters: pH, TSS
 Chronic Violations _____

5. Adequate plant safety
 6. Operation and Maintenance Service Name McGhee's TWSI
 Frequency of Visits 2/week

Facility Name: M&D Real Estate

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
	<input type="checkbox"/>	Grease Trap	Pumping Frequency:
	<input type="checkbox"/>	Bar Screen	
	<input type="checkbox"/>	Comminutor	
	<input type="checkbox"/>	Flow Equalization	
Aeration Equipment	1	Plant Timer <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>	Cycle Time:
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	1	Aeration Tank	Color: good <i>color is weak</i> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>
Final Settling	1	Clarifier	<i>good clarity</i>
	1	Sludge Return	In <input checked="" type="checkbox"/> Out <u> </u> <i>running clear</i>
	1	Surface Skimmer	In <u> </u> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>South bed in use both beds clear from weels</i>
		Polishing Pond	
		Other	
Disinfection	1	Chlorine Tube Feeder	<i>Need to be sure tablets fall down</i>
	1	Dechlorination Tube Feeder	<i>okay</i>
		Ultraviolet (UV)	
Flow Metering	2	Elapsed Pump Time	<i>on filter dosing pumps</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	<i>Operator's log indicates left pump malfunctioning</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
	<input type="checkbox"/>	Landfill	
	<input type="checkbox"/>	Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

