



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

Re: Richland County  
Cedar Creek Courts MHP  
NPDES Permit

March 27, 2013

Mr. Dean Davidson, Owner  
Cedar Creek Courts MHP  
2724 Kings Corners East Road  
Lexington, Ohio 44904

Dear Mr. Davidson:

On March 5, 2013, an inspection was made of the wastewater treatment facilities serving the Cedar Creek Courts Mobile Home Park (MHP) located at 2785 Eckert Road, Perry Township, Richland County. At the time of the inspection, all major treatment units were functioning. A new pond outlet baffle had been installed to keep floating material in the pond from flowing into the chlorine contact tank.

A review of the discharge monitoring reports submitted to our office for the time period of August 2012 through February 2013 revealed no violations of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. Your facility was previously in significant non-compliance (SNC) with the effluent limits in your NPDES permit. In order to address the SNC, you and your contract operator contacted our compliance assistance unit to evaluate a course of action to return to compliance. It has been identified that upgrades to the sludge holding and tertiary treatment are necessary in order to allow the plant to consistently meet the NPDES permit limits.

On March 5, 2013, a meeting was held with you, your son Jamie, and your contract operator Lonnie McGhee, to discuss the required course of action to address the SNC. During the meeting, an acceptable timeline to address the SNC was discussed as follows:

1. No later than December 31, 2013, install the previously approved sludge holding upgrades.
2. No later than December 31, 2014, abandon the existing polishing pond and install tertiary treatment facilities. An approved Permit to Install (PTI) will be required from our office before the tertiary treatment could be installed.
3. No later than March 31, 2013, you shall submit written correspondence to our office indicating your willingness to complete the above projects within the identified time frames.

Mr. Dean Davidson  
March 27, 2013  
Page Two

Should you choose not to perform the required upgrades, our agency will be left with little choice but to seek Director's Final Findings and Orders to achieve compliance with the NPDES permit limits. We look forward to hearing from you prior to March 31, 2013.

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

Enclosure

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

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY  
 OPERATION AND MAINTENANCE INSPECTION  
 WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PY00068

Facility Name Cedar Creek Courts MHP Expiration Date 4/30/17  
 Facility Location 2785 Eckert Rd Date 3/5/13 Time 2:00 am / pm  
 City Lexington County Richland Township \_\_\_\_\_  
 Name of Owner Dean Davidson Owner Phone \_\_\_\_\_  
 Person Contacted Dean Davidson Operator of Record Jamie Davidson  
 Flow Design 17,000 GPD WWTP Classification: X A or \_\_\_ I  
 Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 36° - slight  
 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 Cedar Fork Mahoning

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) Solids washing issues

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 \_\_\_\_\_ N \_\_\_\_\_ Parameters:  
 Chronic Violations X \_\_\_\_\_ NH3

5. ? O & M logbook kept and available on site: Location \_\_\_\_\_

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: Cedar Creek Courts

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency ?
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer <u>Y</u> <u>X</u> <u>N</u> Motor / Blower Unit <i>running</i>	Cycle Time: <i>appears adequate</i>
Secondary Treatment	X	Aeration Tank	Color: <i>good color</i> Adequate Aeration <u>Y</u> <u>X</u> <u>N</u>
Final Settling	X	Clarifier	<i>great clarity</i>
		Sludge Return	In <u>X</u> Out
		Surface Skimmer	In <u>X</u> Out
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
	X	Polishing Pond <i>-new outlet bottle</i> Other	<i>fairly clear</i>
Disinfection	X	Contact Tank	<i>Very clear, can see bottom</i>
		Chlorine Tube Feeder	<i>out</i>
		Dechlorination Tube Feeder	<i>out</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	