



**Environmental  
Protection Agency**

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

Re: Richland County  
Cedar Creek Courts MHP  
NPDES Permit

September 14, 2012

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

Dear Mr. Davidson:

On August 16, 2012, 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 few concerns with the plant operations were noted.

A large amount of scum and trash has built up behind the inlet baffle in the clarifier. The trash should be cleaned out and the scum either pumped out or returned to the aeration tank for further treatment. The need to do this was mentioned during our previous inspection of January 11, 2012. The baffle that used to surround the outlet pipe in the polishing pond was no longer visible. A noticeable amount of duckweed and floating material was present flowing out of the pond into the chlorine tank. This baffle should be repaired as soon as possible to help prevent this from occurring. There were no dechlorination tablets in the tablet feeder. Dechlorination is required in order to prevent chlorine from adversely effecting aquatic life in the receiving stream. The operator should make sure enough tablets are placed in the feeder to last between visits.

A review of the discharge monitoring reports submitted to our office for the time period of January through July 2012 revealed numerous **violations** of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. A printout of the **violations** is included for your reference. Your facility is currently in significant non-compliance (SNC) with the limits contained in your NPDES permit.

A facility becomes in SNC when it exceeds the effluent limit for four or more months in two consecutive quarters or exceeds the effluent limit significantly in any two months during two consecutive quarters. Achieving compliance with Ohio's environmental laws is a primary focus of Ohio EPA in order to reduce risks to public health and welfare.

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Before we initiate enforcement action, we would like to work with you to achieve satisfactory progress to bring this facility back into compliance. **Within 21 days of the date of this letter**, please submit, in writing, the actions that you propose to undertake in order to return your facility into compliance with your NPDES permit. You will also need to give us a timetable for these actions that does not extend past February 28, 2013. These actions and timetable may also be submitted by email to me at [walter.ariss@epa.state.oh.us](mailto:walter.ariss@epa.state.oh.us). The proposed actions shall include the installation of the sludge holding facilities that have been previously approved by our office. It would be best to consult with your operator while preparing your response to our office.

If you wish to meet with us to discuss this matter, please contact me within 10 days of receiving this letter in order to set up a meeting.

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.

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PY00068

Facility Name Cedar Creek Courts MHP Expiration Date 4/30/17

Facility Address 2785 Eckert Rd Date 8/16/12 Time 4:15 am (pm)

City Lexington County Richland Township \_\_\_\_\_

Name and Address of Owner Dean Davidson

Person Contacted \_\_\_\_\_ Owner Phone \_\_\_\_\_

Flow: Design 17,000 GPD Present 15,000 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 85° sun

OEPA Personnel Walter Aciss District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of effluent on Receiving Stream Name: unnamed trib Cedar Fork Mohican

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

3. a. Plant has \_\_\_\_\_ excellent X good \_\_\_\_\_ fair \_\_\_\_\_ poor operation  
 b. Plant has \_\_\_\_\_ excellent X good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
 c. Sand filters have \_\_\_\_\_ excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
no filters

d. Not operating at expected efficiency due to:

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

Disinfection: (Required May 1 thru Oct.31.)	
IN <u>X</u>	OUT _____
_____	<u>X</u> Chlorination Tablets
_____	Dechlorination Tablets
_____	U.V.

Yes No

4. X Compliance with NPDES Permit

Periodic Violations X Y N Parameters: E-coli

Chronic Violations X ammonia

5. X Adequate plant safety

6. X Operation and Maintenance Service Name MTWSE

Frequency of Visits ?

Facility Name: Cedar Creek Courts MHP

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> N Motor/ Blower Unit <i>running</i>	Cycle Time:
Secondary Treatment	X	Aeration Tank	Color: <i>good color</i> Adequate Aeration: <u>Y</u> <u>X</u> N
Final Settling	X	Clarifier <i>large amount of trash + sludge behind inlet baffle</i>	<i>good clarity - some sludge around weir trough</i>
	X	Sludge Return	In <u>X</u> Out <u>    </u>
	X	Surface Skimmer	In <u>X</u> Out <u>    </u>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
	X	Polishing Pond <i>outlet baffle missing</i> Other	<i>heavy layer of duckweed across entire pond</i>
Disinfection	X	Chlorine Tube Feeder	<i>okay</i>
	X	Dechlorination Tube Feeder	<i>no tablets</i>
		Ultraviolet (UV)	
<del>Flow Metering</del> <i>none</i>		Elapsed Pump Time	
		Recorder (continuous total)	
<del>Pumps</del> <i>none</i>		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
<del>Sludge Handling</del> <i>none</i>		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	<i>air-chlorine tank very clear</i>
		Spray Irrigation	
		Other	

Get New Data		Cedar Creek Courts MHP NPDES permit limit violations January through July 2012						
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00068*BD	May 2012	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.2	5/1/2012
2PY00068*BD	May 2012	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.064	.06813	5/1/2012
2PY00068*BD	June 2012	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	3.8	6/1/2012
2PY00068*BD	June 2012	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.8	6/1/2012
2PY00068*BD	June 2012	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.064	.21575	6/1/2012
2PY00068*BD	June 2012	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.19	.21575	6/1/2012
2PY00068*BD	June 2012	001	31648	E. coli	30D Conc	126	2600.	6/1/2012
2PY00068*BD	June 2012	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.8	6/8/2012
2PY00068*BD	June 2012	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.097	.21575	6/8/2012
2PY00068*BD	June 2012	001	31648	E. coli	7D Conc	284	2600.	6/8/2012
2PY00068*BD	July 2012	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.8	7/1/2012
2PY00068*BD	July 2012	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.064	.21575	7/1/2012
2PY00068*BD	July 2012	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.8	7/15/2012
2PY00068*BD	July 2012	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.097	.21575	7/15/2012