



**Environmental  
Protection Agency**

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

Re: Richland County  
Cedar Creek Courts MHP  
NPDES Permit

January 25, 2012

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

Dear Mr. Davidson:

On January 11, 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. The inspection was conducted as part of the renewal process of your NPDES discharge permit. 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. It was noted that the southern return sludge line was not flowing. This line should be returned to service as soon as possible.

A review of the discharge monitoring reports submitted to our office for the time period of March through December 2011 revealed numerous **violations** of the limits contained in your NPDES permit. A printout of these violations is included for your review.

The post aeration line has been installed as approved by the PTI for the plant upgrades. This should prevent any future dissolved oxygen violations from occurring. The sludge holding tanks still need installed. These tanks should be installed as soon as possible.

You will receive a draft copy of the renewal NPDES permit in the coming weeks. Please review this draft and contact our office if you have any questions or comments.

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: Inspection Tracking

Get New Data		Cedar Creek Courts MHP NPDES permit limit violations March through December 2011						
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00068*AD	March 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.4	3/1/2011
2PY00068*AD	March 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.19	.30659	3/1/2011
2PY00068*AD	March 2011	001	80082	CBOD 5 day	30D Conc	10	13.	3/1/2011
2PY00068*AD	March 2011	001	80082	CBOD 5 day	30D Qty	0.64	.73808	3/1/2011
2PY00068*AD	March 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	5.4	3/8/2011
2PY00068*AD	March 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.29	.30659	3/8/2011
2PY00068*AD	April 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	9.1	4/1/2011
2PY00068*AD	April 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.19	.51665	4/1/2011
2PY00068*AD	April 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	9.1	4/19/2011
2PY00068*AD	April 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.29	.51665	4/19/2011
2PY00068*AD	May 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	4.2	5/1/2011
2PY00068*AD	May 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.064	.23846	5/1/2011
2PY00068*AD	May 2011	001	80082	CBOD 5 day	30D Conc	10	12.	5/1/2011
2PY00068*AD	May 2011	001	80082	CBOD 5 day	30D Qty	0.64	.6813	5/1/2011
2PY00068*AD	May 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	4.2	5/18/2011
2PY00068*AD	May 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.097	.23846	5/18/2011
2PY00068*AD	June 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.22	6/1/2011
2PY00068*AD	June 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.064	.12604	6/1/2011
2PY00068*AD	June 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	2.22	6/2/2011
2PY00068*AD	June 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.097	.12604	6/2/2011
2PY00068*AD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	3.	7/5/2011
2PY00068*AD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	3.	7/7/2011
2PY00068*AD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	3.4	7/12/2011
2PY00068*AD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.5	7/21/2011
2PY00068*AD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	7/27/2011
2PY00068*AD	August 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.65	8/1/2011
2PY00068*AD	August 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.064	.09368	8/1/2011
2PY00068*AD	August 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	3.6	8/3/2011
2PY00068*AD	August 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	8/9/2011
2PY00068*AD	August 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.65	8/15/2011
2PY00068*AD	August 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.2	8/19/2011
2PY00068*AD	August 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	8/26/2011
2PY00068*AD	September 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.5	9/2/2011

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P500068

Facility Name Cedar Creek Court MHP Expiration Date 11/30/2011

Facility Address 2785 Eckert Rd Date 11/1/12 Time 10:00 am pm

City Lebanon County Richland Township \_\_\_\_\_

Name and Address of Owner Dean Davidson

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

Flow: Design 17,000 GPD Present 19,000 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 35° clouds

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 Cedar Fork Holston

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  
no filters

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"/>	Chlorination Tablets
_____	<input checked="" type="checkbox"/>	Dechlorination Tablets
_____	_____	U.V.

Yes No

4.  Compliance with NPDES Permit

Periodic Violations 5 Y N Parameters: NH3, DO

Chronic Violations \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service Name McGhee's TWSI

Frequency of Visits ?

Facility Name: Cedar Creek Courts

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N	Cycle Time:
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	<input checked="" type="checkbox"/>	Clarifier <i>alot of sludge/trash behind inlet baffle</i>	<i>good clarity - some scum some sludge in weir trough</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input checked="" type="checkbox"/> <i>South return not cleaning</i>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
	<input checked="" type="checkbox"/>	Polishing Pond	<i>visible sludge deposits around inlet</i>
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>not required in winter</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>not required in winter</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		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>Post aeration line in to on</i>
		Spray Irrigation	
		Other	