



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Rd.  
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468  
www.epa.state.oh.us

Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

Re: Richland County  
Cedar Creek Courts MHP  
NPDES Permit

March 24, 2009

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

Dear Mr. Davidson:

On February 25, 2009, an inspection was made of the wastewater treatment facilities serving the Cedar Creek Courts MHP located at 2785 Eckert Road, Perry Township, Richland County. At the time of the inspection all major treatment units were functioning and appeared to be operating normally. No major concerns were noted.

The aeration tanks had a healthy color and both sludge return lines were operating. Some noticeable sludge was observed floating in the clarifier tank. A significant amount of sludge was seen near the inlet to the settling pond. A clear effluent was being discharged from the settling pond.

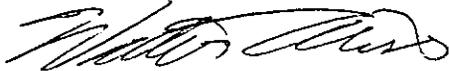
A review of the discharge monitoring reports submitted to our office for the time period of September 2007 through February 2009 revealed numerous **violations** of the limits contained in your NPDES permit. The majority of these violations were for the parameters dissolved oxygen and fecal coliform. A printout of these violations is included for your review. The installation of disinfection facilities with post aeration and sludge holding should help prevent the above violations from occurring.

Please be aware that your NPDES discharge permit contains a compliance schedule to install upgrades no later than June 1, 2008. Your son, Jamey, indicated that you intend to install the new disinfection and sludge holding tanks in the coming months. Please be aware that until the upgrades are installed you are considered to be in **violation** of the conditions of the NPDES permit. You are required to notify our office once the upgrades are installed.

Mr. Dean Davidson  
March 24, 2009  
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If you have any questions please call me at 419-373-3070.

Sincerely,



Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/csl

Enclosure

pc: DSW-NWDO  
Lonnie McGhee, McGhee's Technical Water Service Inc. w/enclosure

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 11/30/2011

Facility Address 2785 Eckert Rd Date 2/25/09 Time 1:45 am (pm)

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

Name and Address of Owner Dean Davidson

Person Contacted Jamey Davidson Owner Phone \_\_\_\_\_

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

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 45.0 sunny

OEPA Personnel Walter Aris 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: Cedar Fork Mohican

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	Chlorination Tablets
_____	_____	Dechlorination Tablets
_____	_____	U.V.

*me*

Yes No

4.  Compliance with NPDES Permit

Periodic Violations Y N Parameters: \_\_\_\_\_  
 Chronic Violations Y N DO<sub>2</sub> Compliance Schedule

5.  Adequate plant safety

6.  Operation and Maintenance Service Name McBee's TWSI

Frequency of Visits 1/week

Facility Name: Cedar Creek Courts MHP

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> <del>N</del> Motor/ Blower Unit <i>running</i>	Cycle Time:
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color + roll</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>some floating sludge / areas are still frozen</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input type="checkbox"/> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
	<input checked="" type="checkbox"/>	Polishing Pond	<i>alot of solids near inlet to pond</i>
		Other	
<del>Disinfection</del>		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
		Ultraviolet (UV)	
<del>Flow Metering</del>		Elapsed Pump Time	
		Recorder (continuous total)	
<del>Pumps</del>		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling <i>none</i>		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
<del>Advanced Treatment</del>		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

## NPDES Permit limit violations Cedar Creek Courts MHP Septemebr 2007 through February 2009

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00068*AD	September 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	3.	9/6/2007
2PY00068*AD	September 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	3.2	9/21/2007
2PY00068*AD	September 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	4.4	9/26/2007
2PY00068*AD	October 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	10/4/2007
2PY00068*AD	October 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	10/9/2007
2PY00068*AD	October 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	3.2	10/12/2007
2PY00068*AD	October 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	2.5	10/19/2007
2PY00068*AD	April 2008	001	00530	Total Suspended Solids	1D Conc	18	54.	4/16/2008
2PY00068*AD	April 2008	001	00530	Total Suspended Solids	30D Conc	12	54.	4/1/2008
2PY00068*AD	April 2008	001	00530	Total Suspended Solids	1D Qty	1.16	3.06585	4/16/2008
2PY00068*AD	April 2008	001	00530	Total Suspended Solids	30D Qty	0.77	3.06585	4/1/2008
2PY00068*AD	April 2008	001	80082	CBOD 5 day	1D Conc	15	22.	4/16/2008
2PY00068*AD	April 2008	001	80082	CBOD 5 day	30D Conc	10	22.	4/1/2008
2PY00068*AD	April 2008	001	80082	CBOD 5 day	1D Qty	0.97	1.24905	4/16/2008
2PY00068*AD	April 2008	001	80082	CBOD 5 day	30D Qty	0.64	1.24905	4/1/2008
2PY00068*AD	July 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.3	7/1/2008
2PY00068*AD	July 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.064	.07381	7/1/2008
2PY00068*AD	July 2008	001	31616	Fecal Coliform	30D Conc	1000	1700.	7/1/2008
2PY00068*AD	July 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	7/22/2008
2PY00068*AD	July 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	4.2	7/28/2008
2PY00068*AD	August 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	8/6/2008
2PY00068*AD	August 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	3.8	8/12/2008
2PY00068*AD	August 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	3.6	8/25/2008
2PY00068*AD	September 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	9/4/2008
2PY00068*AD	September 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	4.3	9/10/2008
2PY00068*AD	September 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	4.5	9/26/2008
2PY00068*AD	October 2008	001	31616	Fecal Coliform	30D Conc	1000	1200.	10/1/2008