



Environmental
Protection Agency

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

Re: Huron County
Fieldcrest MHP
NPDES Permit No. 2PY00031

March 24, 2010

Mr. Richard Mayell, Owner
Fieldcrest MHP
12718 Drake Road
North Royalton, Ohio 44133

Dear Mr. Mayell:

On March 15, 2011, I conducted an inspection of the wastewater treatment plant serving Fieldcrest Mobile Home Park (MHP). You were present and provided information on operations and maintenance of the plant. Fieldcrest MHP is currently operating under National Pollutant Discharge Elimination System Permit (NPDES) No. 2PY00031*CD. At the time of my inspection the plant was operating. No samples were taken to verify compliance with permit limits. Our observations and recommendations are as follows:

1. At the time of the inspection the contents of the aeration tank were a chocolate brown and had no noticeable odor. The rate of aeration appeared adequate. Currently, a timer is used to operate the blower, which is on for 45 minutes and off for 15 minutes.
2. The effluent from the final clarifiers appeared mostly clear. The sludge return was operating and light brown water was being returned to the aeration tank.
3. The east surface sand filter was online and the west filter was off line. It was indicated that the flow had recently been diverted to the east filter. You indicated that you would be removing the solids and completing maintenance on the filter after the solids dry out.
4. No discharge was observed from the chlorine contact tank. Please remember that chlorine and de-chlorination tablets are required to be in place between May 1 and October 31.
5. You indicated that you have received your Class A wastewater operator certification and that you usually visit the plant 2 days per week. Please be aware that your renewal NPDES permit will contain minimum staffing requirements which will require that the operator of record be physically present at the facility a minimum of two (2) days per week for a minimum of 1 hour per week. We request that you submit a copy of the enclosed Operator of Record Notification Form for your facility. Please submit a copy of this form to my attention at the Northwest District Office within 30 days of receiving this letter.

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6. We also discussed the record keeping and documentation at the facility. Ohio Administrative Code (OAC) Chapter 3745-7-09 (enclosed) requires that a log book must be developed to keep an up to date record for wastewater system operations and maintenance, which contains at a minimum, the following information: identification of the sewerage system, or treatment works; date and times of arrival and departure for the operator of record, specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage received and/or effluent produced; results of tests performed and samples taken, unless documented on a laboratory bench sheet; performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage conveyed, effluent produced; and identification of the persons making entries. The records must be kept up to date, contain a minimum of three months data at all times, and be available for review by Ohio EPA at all times. To address this requirement other operators have stored the required records in the plant control panel box or installed a mailbox at the plant to store the records. We request that you begin maintaining the records to comply with this requirement immediately.
7. Discharge monitoring reports (DMR's) have been submitted as required by your NPDES permit. A review of the last six months of reports shows a pH limit violation in January, 2011. The collection system improvements you have made to address the infiltration problems and the work you completed with your consulting engineer to repair the effluent weirs and blower air filters has resulted in improved compliance with your NPDES permit limits.

We have received your NPDES permit application and have begun drafting your renewal permit. A draft copy of the renewal permit should be sent to you in the next several weeks. You will have 30 days to review it and submit written comments. Please take the time to look it over and contact me at (419) 373-3003 or via email at andrew.gall@epa.state.oh.us with any questions or comments. A copy of our inspection report and permit violations have been included for your review.

Sincerely,



Andrew Y. Gall
Environmental Specialist II
Division of Surface Water

/llr

Enclosures

pc: Huron County Health Department
~~BSW-NWDO-File w/enclosure~~

Get New Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00031*CD	January 2011	001	00400	pH	1D Conc	6.5	6.1	1/11/2011

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PY00031 # DD

Facility Name Fiddlers MHP Expiration Date _____

Facility Address 1224 Peru Olena Rd. Date 3/14/11 Time 1030 am

City Norwalk, OH County Huron Township _____

Name and Address of Owner Rich Mayell, 12718 Drake Road, North Royalton, OH 44133

Person Contacted Rich Mayell Owner Phone 440-230-1505

Flow: Design 10,000 GPD Present - GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 40 - Cloudy Rain

OEPA Personnel Andrew Gall 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: Discharge to Storm Tile

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		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 X 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
_____	<u>X</u>
_____	<u>X</u>
_____	_____
	Chlorination Tablets
	Dechlorination Tablets
	U.V.

-Need to start maintaining plant log book

4. X Yes _____ No _____ Compliance with NPDES Permit

Periodic Violations X Y _____ N _____ Parameters: pH, Wt₂
 Chronic Violations _____

5. X Adequate plant safety

6. X Operation and Maintenance Service Name _____

Rich visits plant weekly 1 or 2 Frequency of Visits _____

Lyn Makner provides consultation as needed

Facility Name: Fieldcrest MHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: <i>As needed</i>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	1	Plant Timer X Y ___ N Motor/ Blower Unit	Cycle Time: <i>45 on, off 15</i>
Secondary Treatment	2	Aeration Tank	Color: <i>light brown</i> Adequate Aeration: Y X N ___
Final Settling	2	Clarifier	<i>Mostly Clear</i>
	1	Sludge Return	In X Out <i>Light Brown</i>
	1	Surface Skimmer	In X Out <i>Clear</i>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>One washed out, just switched online</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	<i>Out of season</i>
	1	Dechlorination Tube Feeder	<i>Out of season</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder. (continuous total)	
Pumps		Raw Wastewater. (type)	
	1	Sand Filter Effluent Dosing.	<i>Sand filters dosed</i>
Sludge Handling		Aerated Storage Tank	<i>Sludge from filter put in dumpster</i>
		Sludge Drying Bed	
Sludge Disposal	1	Municipal POTW	
		Landfill	<i>- Rich at Park - Class A</i>
		Land Application	<i>1 or 2 per week</i>
Advanced Treatment	1	Post Aeration	-
		Spray Irrigation	<i>City of Norwalk - Tim</i>
		Other	<i>Runs samples</i>