



State of Ohio Environmental Protection Agency

**Northwest District Office**

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

RE: Marion County  
Groves at Newmans Crossing  
NPDES Permit

November 15, 2007

Mr. Roger Dietrich  
Marion County Sanitary Engineering Dept.  
222 West Center Street  
Marion, Ohio 43302

Dear Mr. Dietrich:

On October 18, 2007, I conducted an inspection at the Groves at Newmans Crossing WWTP. Mr. Craig Woodrum was present and provided information regarding the operation of the WWTP.

At the time of the inspection, all the major treatment components were in service. The mixed liquor in the aeration tanks had a brown color. The WWTP was producing a visually clear effluent and was discharging to Qu Qua Ditch. We did not collect plant effluent samples to determine the water quality of the discharge during the visit.

Please note that your NPDES permit (2PW00015) became effective on April 1, 2004 and will expire on March 31, 2009. Our cursory review of your self-monitoring reports (1/2006 to 9/2007) for this facility showed one effluent violation. Please refer to the enclosed violation table.

A copy of our completed inspection report is included for your review. If you have any questions, please call.

Sincerely,



Jason Ko  
Division of Surface Water

lb

~~pcz\NWDO\File~~

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No.: 2PW00015

Facility Name: The Groves at Newmans Crossing Expiration Date: 3/31/2009  
 Facility Address: Township Roads 151 & 123 Date: 10/18/2007 Time: 11:45 am  
 City: Marion County: Marion Township: Pleasant  
 Name and Address of Owner: Marion County Sanitary Engineer  
 Person Contacted: Craig Woodrum, WRP Superintendent Owner Phone: 740-389-1526  
 Flow: Design: 22,000 GPD Present: GPD (metered)  
 Trib. Pop.: 25 homes (actual) Weather at time of inspection: 60° & cloudy  
 OEPA Personnel: Jason Ko 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: Qu Qua Ditch

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 \_\_\_\_\_ 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
X	_____ Chlorination Tablets
X	_____ Dechlorination Tablets
_____	_____ U.V.

Yes No

4. X \_\_\_\_\_ Compliance with NPDES Permit  
 Periodic Violations Y N Parameters: \_\_\_\_\_  
 Chronic Violations \_\_\_\_\_

5. X \_\_\_\_\_ Adequate plant safety

6. \_\_\_\_\_ X \_\_\_\_\_ Operation and Maintenance Service Name: \_\_\_\_\_  
 Frequency of Visits: \_\_\_\_\_

Facility Name: The Groves at Newmans Crossing

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/Qtr
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	with 2 pumps & 1 small blower
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u>   </u> <u>N</u>	Cycle Time: ½ hr ON & ½ hr OFF
	2	Motor/ Blower Unit	
Secondary Treatment	3	Aeration Tank	Color: Brown Adequate Aeration: Yes
Final Settling	1	Clarifier	
	2	Sludge Return	In <u>X</u> Out
	1	Surface Skimmer	In <u>X</u> Out
	2	Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering	1	Elapsed Pump Time	At dosing pumps
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	Influent pumping station
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Richland Road Plant
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

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Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PW00015*AD	February 2007	001	00530	Total Suspended Solids	30D Conc	12	13.	2/1/2007