



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

Re: **Notice of Violation**  
Marion County  
Grandview Estates  
NPDES Permit

May 8, 2013

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

Dear Mr. Dietrich:

On April 26, 2013, an operation and maintenance inspection was made of the wastewater treatment plant (WWTP) serving Grandview Estates. The treatment facility is located on Grandview Drive, in Marion Township, Marion County. This inspection was conducted to evaluate compliance with your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PG00036.

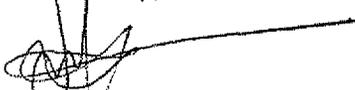
The treatment plant consists of a two cell continuous discharge lagoon system (Outfall 001) and an 80,000 gpd package plant (Outfall 002). Waste water in excess of 80,000 gpd is treated by the lagoon system. At the time of the inspection, both treatment facilities were in operation. The contents of the aeration tank were brown and the final discharge from the package plant was clear. The final effluent from the polishing lagoon was greenish. However, we did not collect effluent samples to determine the quality of the discharge during our visit.

Again, we strongly recommend that the county continue investigating the I/I problems throughout the entire collection system serving Grandview Estates. Please continue to eliminate I/I sources per your letter dated October 28, 2011. Elimination of large sources of clean water infiltration could help delay another costly treatment plant expansion.

Our review of your discharge monitoring reports (1/1/2012 to 4/1/2013) for this facility indicated a few effluent violations. Please refer to the enclosed violation table. Please inform this office in writing within 10 days as to the reasons for the violations, as well as a description of the actions taken or proposed to prevent further violations. Your response should include the dates, either actual or proposed, for completion of the actions.

Our completed inspection form is enclosed for your review. If you have any questions or comments, please call me at (419) 373-3021.

Yours truly,



Jason Ko  
Division of Surface Water

/jlm  
Enclosures  
ec: Tracking

# NPDES COMPLIANCE INSPECTION REPORT

## Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
2PG00036	OH0036765	2013/4/26	C	S	1

## Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Grandview Estates Grandview Road Marion, OH 43302	12:00 P.M.	7/1/2012
	Exit Time	Permit Expiration Date
	12:30 P.M.	6/30/2017

<b>Name(s) and Title(s) of On-Site Representative(s)</b>	<b>Phone Number(s)</b>
Mr. Scott Pierce , Plant Operator	(740) 389-1526

<b>Name, Address and Title of Responsible Official</b>	<b>Phone Number</b>
Roger Dietrich, County Sanitary Engineer Marion County Sanitary Engineering Office 222 West Center Street Marion, Ohio 43302	(740) 223-4130

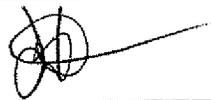
## Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

<u>S</u> Permit	<u>S</u> Flow Measurement	<u>-</u> Pretreatment
<u>S</u> Records/Reports	<u>N</u> Laboratory	<u>S</u> Compliance Schedules
<u>S</u> Operations & Maintenance	<u>S</u> Effluent	<u>S</u> Self-Monitoring Program
<u>S</u> Facility Site Review	<u>S</u> Sludge Storage	<u>-</u> Other
<u>S</u> Collection System		

## Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

- \* The lagoon system and the package WWTP were in operation; Flow in excess of 80,000 gpd will be diverted to the lagoon system
- \* Encourage continuing I/I investigation and take corrective actions to address the excessive I/I problems in the collection system
- \* Review of the Discharge Monitoring Report (1/1/2012 – 4/1/2013) indicated a few effluent violations

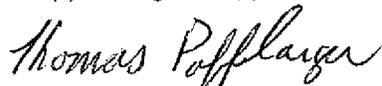
Jason Ko  
Name(s) and Signature(s) of Inspector(s)



5/7/13  
Date

Ohio EPA, Northwest  
District Office

Thomas Poffenbarger, P.E.  
Name and Signature of Reviewer



5/1/13  
Date

Ohio EPA, Northwest  
District Office

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS

RATING CODES: S = Satisfactory; U = Unsatisfactory; M = Marginal; IN = In Operation; OUT = Out of Operation

CONDITION OR APPEARANCE		RATING	COMMENTS
General	Grounds	S	
	Buildings	-	
	Potable Water Supply Protection	-	
	Safety Features	S	Fenced
	Bypasses	-	
	Stormwater Overflows	-	
	Alternate Power Source	-	
Preliminary	Maintenance of Collection Systems	S	Continue I/I investigation & address I/I problems
	Pump Station	IN	3 influent pumps
	Ventilation	-	
	Bar Screen	-	
	Disposal of Screenings	-	
	Comminutor	-	
	Grit Chamber	IN	Diverter box also provides some grit removal
	Disposal of Grit	S	
	Equalization Basin	-	
Primary	Settling Tanks	-	
	Scum Removal	-	
	Sludge Removal	-	
	Effluent	-	
Sludge Disposal	Digesters (Aerobic)	IN	1 unit & aerated
	Temperature and pH	-	
	Gas Production	-	
	Heating Equipment	-	
	Sludge Pumps	IN	
	Drying Beds	-	
	Vacuum Filter	-	
	Disposal of Sludge	S	Haul to Richland Road WWTP
Other	Flow Meter and Recorder	IN	At influent pumps & Hour meter at dosing pump
	Records	S	
	Lab Controls	-	
	Chemical Treatment	-	
Secondary-Tertiary List items as required	Aeration Basin (80,000 gpd design)	IN	1 unit & brown (OFF ½ hr & ON ½ hr)
	Secondary Settling	IN	2 units & 4 hoppers each
	Fixed Media	IN	2 units
	Post Air	IN	For Outfalls 001 & 002
	Blowers	IN	2 units for aeration tank & 2 units for sludge treatment
	Sand Filter	IN	4 units
	Lagoons	IN	Aerated primary & polishing; in use above 80,000 gpd
Disinfection	Effluent	S	Greenish for 001 & Clear for 002
	Disinfection System	OUT	
	Effective Dosage	-	
	Contact Time	-	
	Contact Tank	IN	
	Dechlorination	OUT	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00036*ED	February 2012	001	80082	CBOD 5 day	30D Conc	25	39.4025	2/1/2012
2PG00036*ED	February 2012	001	80082	CBOD 5 day	7D Conc	40	41.25	2/15/2012
2PG00036*ED	February 2012	001	80082	CBOD 5 day	7D Conc	40	54.	2/22/2012
2PG00036*ED	March 2012	001	80082	CBOD 5 day	30D Conc	25	35.5133	3/1/2012
2PG00036*ED	April 2012	001	00530	Total Suspended Solids	30D Conc	30	38.75	4/1/2012
2PG00036*ED	April 2012	001	00530	Total Suspended Solids	7D Conc	45	46.	4/1/2012
2PG00036*ED	April 2012	001	80082	CBOD 5 day	30D Conc	25	25.195	4/1/2012
2PG00036*ED	April 2012	001	00530	Total Suspended Solids	7D Conc	45	47.	4/8/2012