



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

Re: Marion County
North Quarry Subdivision
NPDES Permit

October 14, 2010

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

Dear Mr. Dietrich:

On October 5, 2010, an operation and maintenance inspection was made of the wastewater treatment plant serving the North Quarry Subdivision. The treatment facility is located at 3193 Gooding Road in Pleasant Township, Marion County. This inspection was conducted as part of the renewal process of the facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PW00004*BD.

At the time of the inspection, the treatment facility was in operation and the contents of the aeration tank were brown with good roll. The final discharge from the plant was visually clear. However, we did not collect effluent samples to determine the water quality of the discharge during our visit.

Also, we are in the process of renewing your existing NPDES permit which expired on September 30, 2010. Please continue to operate your facility per your expired permit. Our review of your discharge monitoring reports (11/2009 to 9/2010) for this facility indicated a few effluent violations. Please refer to the enclosed violation table. 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

/cs

Enclosures

pc: DSW, NWDO File

Facility Name: North Quarry Subdivision

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/month
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	With 2 pumps & 1 smaller blower
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u> </u> <u>N</u>	Cycle Time: 1/2 hr "ON" & 1/2 hr "OFF" ; one blower was out
	2	Motor/ Blower Unit	
Secondary Treatment	1	Aeration Tank	Color : Brown Adequate Aeration: <u>Y</u> <u>X</u> <u>N</u> <u> </u>
Final Settling	1	Clarifier	With 2 hoppers
	2	Sludge Return	In <u>X</u> Out <u> </u>
	1	Surface Skimmer	In <u>X</u> Out <u> </u>
	2	Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	Solids accumulated in filters; remove solids
		Polishing Pond	
		Other	
Disinfection	IN	Chlorine	
	IN	Dechlorination	
		Ultraviolet (UV)	
Flow Metering	IN	Elapsed Pump Time	At EQ pumps
		Other	
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	OUT
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Haul to Richland Road WWTP
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	
		Spray Irrigation	
		Other	

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Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PW00004*BD	April 2010	001	00300	Dissolved Oxygen	1D Conc	6.0	5.5	4/1/2010
2PW00004*BD	May 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.08	5/1/2010
2PW00004*BD	May 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.08	.09096	5/1/2010