



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
Morning View Care Center
NPDES Permit

December 7, 2009

Mr. Greg Bratton
Morning View Care Center
677 Marion-Cardington Road
Marion, Ohio 43302

Dear Mr. Bratton:

On November 19, 2009, an operation and maintenance inspection was made of the wastewater treatment plant serving the Morning View Care Center. The care center is located at 677 Marion-Cardington Road, Pleasant Township, Marion County. This inspection was conducted as part of your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PR00240*AD.

At the time of the inspection, the treatment facility was in operation. The contents of the aeration tanks 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.

Listed below are some of our recommendations to enhance the plant's operation:

- 1) Continue to maintain a licensed/certified wastewater operator.
- 2) Continue to check the trash trap and pump it out as necessary.
- 3) The mixed liquor in the aeration tank appeared brown and is an indicator of a fairly healthy microbial population. Continue the current rate of aeration to maintain that color.
- 4) The skimmers must be adjusted so that they just break the surface tension of the liquid in the final clarifiers.
- 6) The weirs of the final clarifiers should be cleaned and leveled so that a moderate amount of liquid passes evenly over the total length.

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- 7) Continue to check that the sludge returns are returning activated sludge to the aeration tanks. If no activated sludge is being returned to the aeration tanks, then gently scrape the sides of the final clarifiers all around the hoppers with slow, easy, downward motions, just enough to help move the sludge toward the bottom of the hopper. This procedure should be done once a week and will increase the solids being returned to the aeration tanks and help turn the color in the aeration tanks to a darker brown.

Our review of your discharge monitoring reports (1/1/2008 to 11/1/2009) for this facility indicated a few effluent violations. Please refer to the enclosed violation table and share it with your operator of record. Our completed inspection form is enclosed for your review. Should you have any questions, please contact me at 419-373-3021.

Yours truly,



Jason Ko
Division of Surface Water

/llr

Enclosures

pc: Marion County Health Department
DSW-NWDO File

Facility Name: Morning View care Center

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 2/year
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <u>X</u> <u>Y</u> <u> </u> <u>N</u> Motor/ Blower Unit	Cycle Time: ON ½ hour & OFF ½ hour
Secondary Treatment	2	Aeration Tank	Color : Brown; good roll Adequate Aeration: Y <u>X</u> <u> </u> <u>N</u> <u> </u>
Final Settling	1	Clarifier	w/ 2 hoppers
	2	Sludge Return	In <u>X</u> Out <u> </u>
	1	Surface Skimmer	In <u>X</u> Out <u> </u>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	OUT	Chlorine Tube Feeder	
	OUT	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering	IN	Elapsed Pump Time	Hour meter at the dosing pumps
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	IN	Aerated Storage Tank	1 unit
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Haul to City of Marion
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00240*AD	August 2009	001	80082	CBOD 5 day	1D Conc	15	22.	8/19/2009
2PR00240*AD	August 2009	001	80082	CBOD 5 day	30D Conc	10	22.	8/1/2009
2PR00240*AD	August 2009	001	80082	CBOD 5 day	30D Qty	0.26	.29253	8/1/2009