



**Environmental  
Protection Agency**

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

Re: Williams County  
Kunkle Ohio Turnpike Bldg  
NPDES Permit

September 22, 2010

Mr. Andrew Cooksey  
Ohio Turnpike Commission  
682 Prospect Street  
Berea, Ohio 44017

Dear Mr. Cooksey:

On September 2, 2010, an operation and maintenance inspection was made of the wastewater treatment plant serving Kunkle Ohio Turnpike Maintenance Building. This facility is located at 13643 County Road 17 in Jefferson Township, Williams County. This inspection was conducted as part of the facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PP00047.

At the time of the inspection, the treatment facility was in operation and no plant discharge was noted. The treatment system appears to be underloaded. The contents of the aeration tank were light brown with good roll; however, a dark brown color is desired as it is an indicator of healthy microbial population. We recommend that you gently scrape the sides of the final clarifier all around the hopper with slow, downward motions, just enough to move the sludge toward the bottom of the hopper. This will help return solids back to the aeration tank and turn the color in the aeration tank to a darker brown.

Our review of your discharge monitoring reports (1/1/2009 to 9/1/2010) for this facility indicated one effluent violation. 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

Enclosures

pc: ~~DSW-NWDO File~~

Facility Name: Kunkle Ohio Turnpike Building

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/year
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u>N</u>	Cycle Time: 24 hr "ON"
	2	Motor/ Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: Light Brown Adequate Aeration: Y <u>X</u> N <u>   </u>
Final Settling	1	Clarifier	1 hopper
	1	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	IN	Chlorine	
	IN	Dechlorination	
		Ultraviolet (UV)	
Flow Metering	IN	Elapsed Pump Time	Dosing Pumps
		Other	
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	
		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
2PP00047*BD	June 2010	001	00530	Total Suspended Solids	1D Conc	18	19.	6/25/2010