



State of Ohio Environmental Protection Agency

Northeast District Office

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

June 17, 2009

RE: SUMMIT COUNTY  
FISHCREEK WWTP #25  
3PK00012\*HD  
COMPLIANCE EVALUATION INSPECTION

Mr. David E. Marquard  
Summit County, Environmental Services  
2525 State Road  
Cuyahoga Falls, OH 44223

Dear Mr. Marquard:

On June 9, 2009, a Compliance Evaluation Inspection (CEI) was conducted at the Summit County Fishcreek WWTP #25. Present during the inspection was Mr. Jack Hall, operator of record for the plant, and Mr. Greg Long, plant supervisor.

The plant's current NPDES permit is based on an ADDF of 8.0 MGD. According to our files, the wastewater treatment plant consists of bar screens, two aerated grit chambers (42,000 gallons each), and a flow splitter. From the flow splitter, the wastewater can proceed to either of the two 4.0 MGD parallel plants or the 1.4 MG equalization tank. One plant consists of RBC's and the other, which currently is the only plant being utilized, consists of the Orbal oxidation ditch. Prior to the oxidation ditch is ferric chloride addition. Following the oxidation ditch are two final clarifiers and then four traveling bridge tertiary filters (total of 4096 square feet). Following the filters is ultraviolet disinfection, post aeration, and an effluent parshall flume flow meter.

The sludge handling facilities consist of a 100,000 gallon sludge blending tank, six 275,000 gallon digester tanks (total of 2,200,000 gallons), a 100,000 gallon sludge decant tank, a sludge holding tank, and belt filter presses. The sludge cake is hauled to PPG Lime Lakes Reclamation area.

During the inspection, one bar screen was in service, one aerated grit chamber was in service, the oxidation ditch was being utilized, and two of the tertiary filters were being utilized. There was quite a lot of green algae in the old chlorination tank after the UV unit. The effluent appeared clear of visible of solids.

It's understood that the effluent grab samples for fecal coliform and dissolved oxygen are taken after the UV unit, but the samples are taken **before** UV. It's believed that samples had been taken before the previously used chlorination because of an extra step being needed for analyzing CBOD after chlorination. Because UV is now utilized, all samples could actually be taken after UV that would be more representative of the actual effluent entering the receiving stream.

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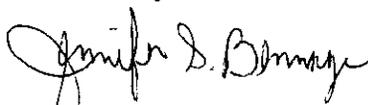
Upon review of the Discharge Monitoring Reports (DMRs) from June 2007 to June 2009, the following numeric effluent violations were noted:

Permit No	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
3PK00012*HD	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	3.53333	8/8/2007
3PK00012*HD	001	Nitrogen, Ammonia (NH3)	7D Qty	45.4	59.5935	8/8/2007
3PK00012*HD	001	Total Suspended Solids	30D Qty	242.2	323.435	2/1/2008
3PK00012*HD	001	Total Suspended Solids	7D Conc	18	40.	2/15/2008
3PK00012*HD	001	Total Suspended Solids	7D Qty	363.4	1195.45	2/15/2008
3PK00012*HD	001	Copper, Total Recovera	30D Conc	19	57.2	9/1/2008
3PK00012*HD	001	Copper, Total Recovera	30D Qty	0.575	.70666	9/1/2008
3PK00012*HD	001	Copper, Total Recovera	1D Conc	43	57.2	9/2/2008
3PK00012*HD	001	Total Suspended Solids	7D Conc	18	19.25	3/8/2009
3PK00012*HD	001	Total Suspended Solids	7D Qty	363.4	565.107	3/8/2009

Please be advised such instances of noncompliance are subject to enforcement pursuant to ORC 6111.

In conclusion, the plant appeared to be in good operation and maintenance condition. If you have any questions, please contact this office at (330) 963-1151.

Sincerely,



Jennifer S. Bennage  
Environmental Engineer  
Division of Surface Water

JSB/mt

cc: Jack Hall, Summit County Fishcreek WWTP #25  
Greg Long, Summit County Fishcreek WWTP #25