



State of Ohio Environmental Protection Agency

Northeast District Office

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

February 11, 2010

RE: Portage County
Franklin Hills WWTP
NPDES #3PK00015
February 2009 Compliance Inspection

Mr. Harold Huff
Portage County Water Resources
449 S. Meridian Street
Ravenna, OH 44266

Dear Mr. Huff:

This office conducted a compliance inspection at the above treatment plant on February 11, 2010.

A computer review of monthly operating reports for the time period November 2008 through December 2009 indicated one effluent limit violation:

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
November 2008	Total Suspended Solids	7D Qty (kg/d)	68.22	69.89	11/22/2008

Overall the plant is well run and operated and producing an acceptable effluent.

There appeared to be a sample problem in the June 3, 2009 nitrate data (data evaluated for time period 2005-2009). The table below includes the data:

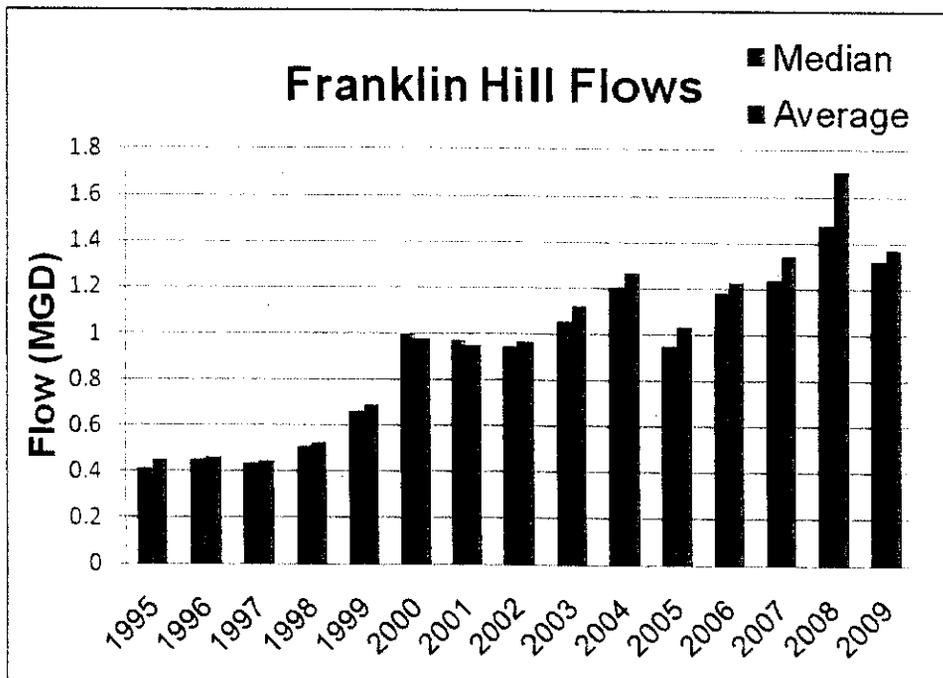
Station	Parameter	Units	Date	Reported Value	All data (2005-2009)		June 3 Values Removed	
					Median	Standard Deviation	Median	Standard Deviation
801	Nitrate	mg/l	6/3/2009	347.1	2	86.1	1.9	0.94
901	Nitrate	mg/l	6/3/2009	33.7	3.1	7.7	2.5	1.5
001	Nitrate	mg/l	6/3/2009	22.5	22.32	6.4	22.1	6.4

The upstream and downstream values on these days are several standard deviations above the remaining data clearly identifying them as outliers. Please review your data to indicate if this could be a decimal reporting error or sample preservative error.

The plant is currently permitted to discharge at an average design flow of 1.5 MGD. A review of operating reports for the time period 1995 through 2009 indicates that flow has been steadily increasing over the years (shown in graph on following page). Our report **Cuyahoga River Aquatic Life Use Attainment Following the Kent and Munroe Falls**

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Dam Modifications assessed conditions in this portion of the river and also reran our computer models following flow modifications. The model was run for several scenarios including an effluent flow of 2 MGD from the Franklin Hills WWTP. The stream has assimilative capacity to accept this flow. Please begin evaluation of future options for the plant to address capacity; include any projections for additional increases in influent flow.



Should you have further questions please call me at (330) 963-1134.

Sincerely,

William J. Zawiski
Environmental Scientist
Division of Surface Water

WJZ/mt

pc: Wayne Carkido, Portage County Water Resources