



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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www.epa.state.oh.us

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

March 25, 2010

RE: Summit County
Aurora Shores WWTP #29
Ohio EPA No. 3PG00030*ID
Pre-Permit/Compliance Inspection

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

Dear Mr. Marquard:

On March 15, 2010, an NPDES pre-permit inspection was conducted by this writer of this office at the Aurora Shores WWTP #29. Also present during the inspection was Patricia Natali from Ohio EPA's DHWM and Jeff Muckelroy and Dan Spaur from Summit County D.O.E.S.

The 500,000 gpd wastewater treatment plant consists of comminutors, influent pump stations, a flow splitter box, circular extended aeration plants with clarifiers, rapid sand filters, ultraviolet disinfection, post aeration, aerobic digesters, and a sludge dewatering building with a belt filter press and liquid polymer. At the time of the inspection, the plant appeared to be in good condition. All components of the treatment plant appeared to be operating properly, and the effluent appeared clear.

Upon review of your Discharge Monitoring Reports (DMRs) from March 2005 through March 2010, the following effluent violations were noted:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
April 2005	001	Total Suspended Solids	30D Conc	6.0	32.5	4/1/2005
April 2005	001	Total Suspended Solids	7D Conc	9.0	126.	4/22/2005
April 2005	001	Total Suspended Solids	30D Qty	11.0	68.3391	4/1/2005
April 2005	001	Total Suspended Solids	7D Qty	17.0	268.977	4/22/2005
April 2005	001	CBOD 5 day	7D Conc	7.5	15.	4/22/2005
April 2005	001	CBOD 5 day	7D Qty	14	31.5441	4/22/2005
June 2005	001	Nitrogen, Ammonia (NH3	7D Conc	1.15	2.	6/1/2005
August 2006	001	Nitrogen, Ammonia (NH3	30D Conc	0.75	.75857	8/1/2006
August 2006	001	Nitrogen, Ammonia (NH3	7D Conc	1.15	1.3275	8/8/2006
August 2006	001	CBOD 5 day	7D Conc	7.5	11.5	8/8/2006
November 2008	001	Total Suspended Solids	30D Conc	6.0	59.1111	11/1/2008
November 2008	001	Total Suspended Solids	7D Conc	9.0	173.	11/22/2008
November 2008	001	Total Suspended Solids	30D Qty	11.0	73.8680	11/1/2008
November 2008	001	Total Suspended Solids	7D Qty	17.0	216.710	11/22/2008
November 2008	001	CBOD 5 day	7D Conc	7.5	9.	11/22/2008
December 2008	001	Total Suspended Solids	30D Conc	6.0	16.125	12/1/2008

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Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
December 2008	001	Total Suspended Solids	7D Conc	9.0	57.5	12/1/2008
December 2008	001	Total Suspended Solids	30D Qty	11.0	23.6363	12/1/2008
December 2008	001	Total Suspended Solids	7D Qty	17.0	86.3472	12/1/2008
February 2009	001	Total Suspended Solids	30D Conc	6.0	26.5	2/1/2009
February 2009	001	Total Suspended Solids	7D Conc	9.0	106.	2/8/2009
February 2009	001	Total Suspended Solids	30D Qty	11.0	63.2303	2/1/2009
February 2009	001	Total Suspended Solids	7D Qty	17.0	252.921	2/8/2009
February 2009	001	CBOD 5 day	7D Conc	7.5	14.5	2/8/2009
February 2009	001	CBOD 5 day	7D Qty	14	34.8503	2/8/2009

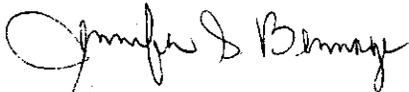
Please be advised such instances of noncompliance are subject to enforcement pursuant to ORC 6111.

The Public Notice of the draft renewal NPDES permit will be published in the local newspaper. Once Central Office sends you the draft permit, please read it carefully. A change in the renewal permit concerns E. coli.

A change in the State's Water Quality Standards is replacing the fecal coliform effluent limitation with an E. coli effluent limitation. Please note that your renewal permit's interim effluent table contains the fecal coliform limitation, but also includes E. coli monitoring. The final effluent table includes an E. coli effluent limitation instead of fecal coliform limitation. The Schedule of Compliance in your permit directs you to submit to this office, six months after the effective date of the permit, a brief status report on the ability of your existing treatment works to meet the final effluent limit for E. coli.

If you have any questions concerning this letter, please contact this office at (330) 963-1151.

Sincerely,



Jennifer S. Bennage
Environmental Engineer
Division of Surface Water

JSB/mt

cc: Robert Hollis, Deputy Director of Operations, Summit County DOES
Jeff Muckelroy, Summit County DOES