



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

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

March 22, 2010

RE: SUMMIT COUNTY
ZELRAY WWTP #48
PRE-PERMIT INSPECTION
OHIO EPA NO. 3PH00051*HD

Mr. David Marquard, Director
Summit County D.O.E.S.
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 Summit County Zelray WWTP #48. Also present during the inspection was Patricia Natali from Ohio EPA's DHWM and Jeff Muckleroy and Wiley Wyman from Summit County D.O.E.S.

The 132,000 gpd wastewater treatment plant consists of screw pumps, a comminutor, flow equalization, extended aeration, secondary clarifiers, rapid sand filters, post aeration, ultraviolet disinfection, and aerobic digesters. At the time of the inspection, all components of the treatment plant appeared to be operating properly, and the effluent appeared clear of visible solids.

Upon review of your Discharge Monitoring Reports (DMRs) from March 2009 through March 2010, the following effluent violations were noted:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2010	001	Nitrogen, Ammonia (NH3)	7D Conc	5.25	7.	1/1/2010
January 2010	001	Nitrogen, Ammonia (NH3)	7D Qty	2.62	2.676	1/1/2010

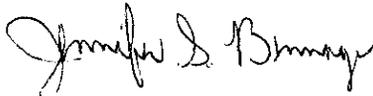
The Public Notice of the draft renewal NPDES permit will be published in the local newspaper. Once Central Office sends you the draft permit, please read it carefully. Two changes in the renewal permit concern E. coli and the WWTP classification.

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.

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Also, please note that Part II of your NPDES permit requires that this treatment plant be under the supervision of at least a Class I State certified operator, rather than the last permit's required Class II. According to Ohio Administrative Code 3745-7-04, the minimum staffing requirement for a Class I operator is 3 days per week for a minimum of 1.5 hours per week. If you have any comments or questions, 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