



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

May 5, 2011

RE: GEAUGA COUNTY
PLYMOUTH ACRES WWTP
PRE-PERMIT INSPECTION
OHIO EPA NO. 3PG00002

Geauga County Board of County Commissioners
470 Center Street, Building #4
Chardon, OH 44024-1068

Dear Board of County Commissioners:

On April 5, 2011, an NPDES pre-permit inspection was conducted by this writer and Rich Blasick of this office at the Plymouth Acres WWTP. Also present during the inspection was Jim Reider of Geauga County's Department of Water Resources.

The 10,000 gpd wastewater treatment system consists of a trash trap, extended aeration plant, clarifier, sludge digester, dosing chamber, chlorine addition, surface sand filters, flow meter, ultraviolet disinfection, and pump station to the outfall. The system discharges to the West Branch of the Cuyahoga River.

At the time of the inspection, the mixed liquor in the aeration tank was light in color and all return lines were working. The sides of the clarifier needed scraped down. The surface sand filters were draining slowly with solids scraped to the sides of the filters. The effluent appeared to be clear of any visible solids.

Upon review of your Discharge Monitoring Reports (DMRs) from April 2010 through April 2011, the following effluent violations were noted:

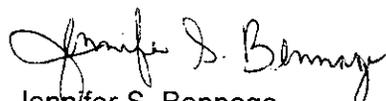
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2011	001	Ammonia NH3	30D Conc	8.7	8.9575	1/1/2011
January 2011	001	Ammonia NH3	30D Qty	0.33	.54661	1/1/2011
January 2011	001	Ammonia NH3	7D Qty	0.49	.74415	1/8/2011
January 2011	001	Ammonia NH3	7D Qty	0.49	.52884	1/15/2011
February 2011	001	Ammonia NH3	30D Qty	0.33	.41522	2/1/2011

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

GEAUGA COUNTY BOARD OF COUNTY COMMISSIONERS
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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. Please send any written comments to this office within 30 days from the public notice date. If you have any questions, please contact me at (330) 963-1151.

Sincerely,



Jennifer S. Bennage
Environmental Engineer
Division of Surface Water

JSB:bo

pc: Jim Reider, Geauga County Dept. of Water Resources
Gerard Morgan, Assistant Sanitary Engineer, Geauga County Dept. of Water Resources