



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

December 11, 2007

RE: MAHONING COUNTY  
SEMI-PUBLIC  
SPRINGFIELD TOWNSHIP  
DEER MEADOW ESTATES MHP  
NPDES PERMIT NO. 3PV00090

Ms. Charolett Wells  
Ohio Portfolio  
4880 Dock Drive Unit #104  
Ravenna, OH 44266

Dear Ms. Wells:

On December 7, 2007, this writer conducted a Compliance Evaluation Inspection (CEI) of the Deer Meadow Estates MHP located at 12921 Springfield Road. The intent of the inspection was to monitor operations and maintenance.

At the time of the inspection, the treatment plant appeared to be in satisfactory condition. The aeration tank had good color and mixing. The return sludge was dark brown indicating a good population of the microbes necessary for treatment. Both pumps in the sand filter dosing system were operational at the time of the inspection. The effluent was clear and the receiving stream was also clear with no sludge deposits identified.

The only concern noted during the inspection was a heavy layer of solids on the surface of the active sand filter. This could have been caused by several different reasons. The sludge deposits did not affect the quality of the effluent discharged during the inspection. Sand filter use was being alternated as recommended in the last inspection report.

The Monthly Operating Reports for Deer Meadows MHP were reviewed for compliance. The period of review was September 2006 through September 2007. Following are violations identified during the review period.

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
February 2007	Nitrogen, Ammonia (NH3)	30-Day Conc.	3.0	14.	2/1/2007
February 2007	Nitrogen, Ammonia (NH3)	7-Day Conc.	4.5	14.	2/15/2007
February 2007	Nitrogen, Ammonia (NH3)	30-Day Qty.	0.284	.36563	2/1/2007
September 2006	Dissolved Oxygen	1-Day Conc.	5.0	4.5	9/6/2006
September 2006	Dissolved Oxygen	1-Day Conc.	5.0	4.7	9/20/2006

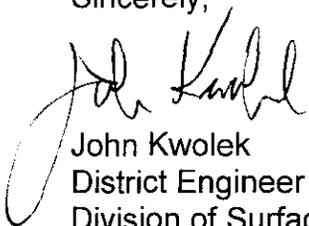
Ms. Charolett Wells  
Deer Meadow Estates MHP  
December 11, 2007  
Page 2

In the event the violation for ammonia is an error, you should re-submit corrected reports to Ohio EPA.

Finally, during the disinfecting season, any effluent sample for CBOD<sub>5</sub> collected downstream of the disinfection system must be seeded prior to analysis. This procedure is mentioned here in the event it has not been previously practiced at the Deer Meadows MHP. Failure to seed the sample will result in an erroneous result for CBOD<sub>5</sub>.

You may contact this office at (330) 963-1251 to discuss any questions you may have regarding this inspection report.

Sincerely,



John Kwolek  
District Engineer  
Division of Surface Water

JK/mt

cc: Joe Mansky, Mahoning County Health Department