



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

February 26, 2009

RE: SUMMIT COUNTY  
BRENTWOOD ESTATES WWTP #24  
OHIO EPA #3PH00006\*GD  
COMPLIANCE EVALUATION INSPECTION

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

Dear Mr. Marquard:

On February 25, 2009, this office conducted a Compliance Evaluation Inspection at the above referenced wastewater treatment plant. The 70,000 gpd plant consists of screw pumps, a comminutor, extended aeration, clarifiers, rapid sand filters, UV disinfection, and aerated sludge holding.

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 (the rapid sand filters were not inspected). The plant's effluent appeared to be clear of visible solids. The esthetics around the plant was very good.

Upon review of your Discharge Monitoring Reports (DMRs) from January 2007 through January 2009, the following numeric effluent violations were noted:

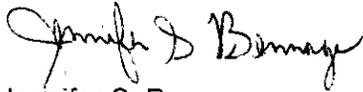
Month/Year	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2007	Total Suspended Solids	30D Conc	12	33.5	1/1/2007
January 2007	Total Suspended Solids	7D Conc	18	47.	1/1/2007
January 2007	Total Suspended Solids	7D Conc	18	31.	1/8/2007
January 2007	Total Suspended Solids	30D Qty	3.18	9.28612	1/1/2007
January 2007	Total Suspended Solids	7D Qty	4.77	12.6774	1/1/2007
January 2007	Total Suspended Solids	7D Qty	4.77	9.11428	1/8/2007
February 2007	Total Suspended Solids	7D Conc	18	36.	2/15/2007
February 2007	Total Suspended Solids	7D Qty	4.77	5.4504	2/15/2007
March 2008	Total Suspended Solids	30D Conc	12	39.5	3/1/2008
March 2008	Total Suspended Solids	7D Conc	18	76.6666	3/1/2008
March 2008	Total Suspended Solids	30D Qty	3.18	22.5485	3/1/2008
March 2008	Total Suspended Solids	7D Qty	4.77	44.2517	3/1/2008
March 2008	CBOD 5 day	30D Conc	10	10.6666	3/1/2008
March 2008	CBOD 5 day	7D Conc	15	16.	3/1/2008
March 2008	CBOD 5 day	30D Qty	2.65	5.1558	3/1/2008
March 2008	CBOD 5 day	7D Qty	3.98	8.67774	3/1/2008
April 2008	CBOD 5 day	30D Conc	10	10.5	4/1/2008
May 2008	Fecal Coliform	30D Conc	1000	1396.59	5/1/2008
May 2008	Fecal Coliform	7D Conc	2000	2000.	5/8/2008

Mr. David E. Marquard  
Brentwood Estates WWTP #24  
February 26, 2009  
Page 2

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

Upon reviewing the plant's DMRs, the flow results appear to range from 19,000 gpd to 159,000 gpd. This office is concerned that there is an I&I problem or a flow meter problem. Please provide an explanation to the extreme flow variations, and please provide a written plan of action to prevent future effluent violations. If you have any questions, please contact this office at (330) 963-1151.

Sincerely,



Jennifer S. Bennage  
Environmental Engineer  
Division of Surface Water

JSB/mt

cc: Bob Hollis, Summit County D.O.E.S.