OhioEPA
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

June 19, 2007

RE: HOLMES COUNTY
CLARK TOWNSHIP
KEIM LUMBER
4465 SR 557
NPDES #3PR00408

CERTIFIED MAIL

Mr. Bill Keim
Keim Lumber
4465 S.R. 557
Charm, OH 44617

Dear Mr. Keim:

On June 12, 2007, this office conducted an inspection of the wastewater treatment plant serving the above referenced facility. Present during the inspection were this writer and Kraig Bucklew of the Holmes County Health Department.

The treatment system consists of a 7,000-gallon-per-day Orenco Systems AdvanTex recirculating textile filter. The system was installed in April 2006.

At the time of the inspection, the treatment plant was producing what appeared to be a clear effluent.

A review of your self-monitoring reports covering the period November 2005 through May 2007 revealed the following effluent violations.

April 2006

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	8	pH	9.13	S.U.	9.0
001	30 day	CBOD	12	mg/l	10

May 2006

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	7 day	Ammonia	77.9	mg/l	1.5
001	30 day	Fecal Coliform	3200	#/100 ml	1000
001	7 day	Fecal Coliform	3200	#/100 ml	2000
001	7 day	Ammonia	0.191	kg/day	0.04
001	30 day	Ammonia	77.9	mg/l	1.0

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	30 day	Ammonia	0.191	kg/day	0.026
001	30 day	CBOD	28	mg/l	10
001	7 day	CBOD	28	mg/l	15
001	6	Dissolved oxygen	5.98	mg/l	6.0 min
001	20	Dissolved oxygen	4.94	mg/l	6.0 min

June 2006

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	7 day	Ammonia	1.52	mg/l	1.5
001	30 day	Ammonia	1.52	mg/l	1.0
001	7	Dissolved oxygen	5.38	mg/l	6.0 min
001	9	Dissolved oxygen	5.73	mg/l	6.0 min
001	19	Dissolved oxygen	5.3	mg/l	6.0 min
001	27	Dissolved oxygen	4.5	mg/l	6.0 min

July 2006

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	30 day	Fecal Coliform	2500	#/100 ml	1000
001	7 day	Fecal Coliform	2500	#/100 ml	2000
001	30 day	Ammonia	1.13	mg/l	1.0
001	6	Dissolved oxygen	4.26	mg/l	6.0 min
001	10	Dissolved oxygen	4.56	mg/l	6.0 min
001	18	Dissolved oxygen	4.51	mg/l	6.0 min
001	26	Dissolved oxygen	4.84	mg/l	6.0 min

August 2006

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	3	Dissolved oxygen	5.59	mg/l	6.0 min
001	9	Dissolved oxygen	5.88	mg/l	6.0 min
001	22	Dissolved oxygen	4.51	mg/l	6.0 min
001	30 day	Ammonia	2.48	mg/l	1.0
001	7 day	Ammonia	2.48	mg/l	1.5

September 2006

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	1	Dissolved oxygen	5.8	mg/l	6.0 min
001	15	Dissolved oxygen	5.95	mg/l	6.0 min
001	30 day	Ammonia	1.89	mg/l	1.0
001	7 day	Ammonia	1.89	mg/l	1.5

October 2006

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	30 day	Ammonia	1.37	mg/l	1.0
001	30 day	Fecal Coliform	1300	#/100 ml	1000

November 2006

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	30 day	Suspended solids	16	mg/l	12

March 2007

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	26	Dissolved oxygen	5.65	mg/l	6.0 min

April 2007

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	7 day	Ammonia	4.88	mg/l	4.5
001	30 day	Ammonia	4.88	mg/l	3.0
001	3	Dissolved oxygen	5.62	mg/l	6.0 min
001	9	Dissolved oxygen	5.68	mg/l	6.0 min
001	17	Dissolved oxygen	5.11	mg/l	6.0 min
001	24	Dissolved oxygen	5.37	mg/l	6.0 min
001	9	pH	13.1	S.U.	9.0

May 2007

Outfall	Date	Parameter	Reported Value	Units	Permit Limitation
001	30 day	Suspended solids	26	mg/l	12
001	7 day	Suspended solids	26	mg/l	18
001	7 day	Ammonia	13.2	mg/l	1.5
001	30 day	Ammonia	13.2	mg/l	1.0
001	7 day	Ammonia	0.097	kg/day	0.04
001	30 day	Ammonia	0.097	kg/day	0.026
001	4	Dissolved oxygen	5.37	mg/l	6.0 min
001	9	Dissolved oxygen	5.49	mg/l	6.0 min

As you can see from the above violations, this treatment system has been in almost constant noncompliance. Our records also indicate that monthly operating reports were not submitted for December 2005. If effluent violations continue, you will be subject to an enforcement action with possible monetary penalties. You will also be required to make upgrades to the treatment system to bring it into compliance.

Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1197.

Sincerely,

Dean Stoll

Dean W. Stoll, P.E.
Environmental Engineer
Division of Surface Water

DWS/mt

cc: Kraig Bucklew, Holmes County Health Department
Kevin Dean

File: Semi-Public/Keim Lumber

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Street, Apt. No.; or PO Box No. KEIM LUMBER

City, State, ZIP+4 CHARM OH

PS Form 3800, June 2002 See Reverse for Instructions

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1. Article Addressed to:

BILL KEIM
KEIM LUMBER
4465 SR 557
CHARM OH 44617

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PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540