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

April 27, 2009

RE: HOLMES COUNTY
CLARK TOWNSHIP
CHARM GENERAL STORE
4456 SR 557
NPDES #3PR00415

CERTIFIED MAIL

Ed Raber
Charm Corporation, Inc.
P.O. Box 25
Charm, OH 44617

Dear Mr. Raber:

On April 23, 2009, 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 500 gallon per day Orenco Systems AdvanTex recirculating textile filter. The system was installed in August of 2007. At the time of the inspection, the treatment plant was producing an effluent that was slightly turbid.

A review of your discharge monitoring reports (DMRs) covering the period April 2008 through March 2009 revealed the following effluent violations:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
April 2008	001	Total Suspended Solids	30D Conc	12	49.	4/1/2008
April 2008	001	Total Suspended Solids	7D Conc	18	49.	4/1/2008
April 2008	001	Total Suspended Solids	30D Qty	0.041	.11128	4/1/2008
April 2008	001	Total Suspended Solids	7D Qty	0.061	.11128	4/1/2008
April 2008	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	56.	4/1/2008
April 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	56.	4/1/2008
April 2008	001	Nitrogen, Ammonia (NH3	30D Qty	0.01	.12718	4/1/2008
April 2008	001	Nitrogen, Ammonia (NH3	7D Qty	0.015	.12718	4/1/2008
April 2008	001	CBOD 5 day	30D Conc	10	243.	4/1/2008
April 2008	001	CBOD 5 day	7D Conc	15	243.	4/1/2008
April 2008	001	CBOD 5 day	30D Qty	0.034	.55185	4/1/2008

April 2008	001	CBOD 5 day	7D Qty	0.051	.55185	4/1/2008
April 2008	001	Dissolved Oxygen	1D Conc	6.0	2.68	4/1/2008
April 2008	001	Dissolved Oxygen	1D Conc	6.0	1.82	4/9/2008
April 2008	001	Dissolved Oxygen	1D Conc	6.0	1.65	4/15/2008
April 2008	001	Dissolved Oxygen	1D Conc	6.0	1.96	4/24/2008
May 2008	001	Total Suspended Solids	30D Conc	12	20.	5/1/2008
May 2008	001	Total Suspended Solids	7D Conc	18	20.	5/1/2008
May 2008	001	Total Suspended Solids	30D Qty	0.041	.04542	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	53.	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	53.	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3	30D Qty	0.0034	.12036	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3	7D Qty	0.0051	.12036	5/1/2008
May 2008	001	CBOD 5 day	30D Conc	10	232.	5/1/2008
May 2008	001	CBOD 5 day	7D Conc	15	232.	5/1/2008
May 2008	001	CBOD 5 day	30D Qty	0.034	.52687	5/1/2008
May 2008	001	CBOD 5 day	7D Qty	0.051	.52687	5/1/2008
May 2008	001	Dissolved Oxygen	1D Conc	6.0	1.5	5/1/2008
May 2008	001	Dissolved Oxygen	1D Conc	6.0	1.	5/8/2008
May 2008	001	Dissolved Oxygen	1D Conc	6.0	.88	5/15/2008
May 2008	001	Dissolved Oxygen	1D Conc	6.0	1.62	5/22/2008
June 2008	001	Total Suspended Solids	30D Conc	12	27.	6/1/2008
June 2008	001	Total Suspended Solids	30D Qty	0.041	.06132	6/1/2008
June 2008	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	12.	6/1/2008
June 2008	001	Nitrogen, Ammonia (NH3	30D Qty	0.0034	.02725	6/1/2008
June 2008	001	CBOD 5 day	30D Conc	10	179.	6/1/2008
June 2008	001	CBOD 5 day	30D Qty	0.034	.40651	6/1/2008
June 2008	001	Dissolved Oxygen	1D Conc	6.0	1.33	6/2/2008
June 2008	001	Total Suspended Solids	7D Conc	18	27.	6/8/2008
June 2008	001	Total Suspended Solids	7D Qty	0.061	.06132	6/8/2008
June 2008	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	12.	6/8/2008
June 2008	001	Nitrogen, Ammonia (NH3	7D Qty	0.0051	.02725	6/8/2008
June 2008	001	CBOD 5 day	7D Conc	15	179.	6/8/2008
June 2008	001	CBOD 5 day	7D Qty	0.051	.40651	6/8/2008
June 2008	001	Dissolved Oxygen	1D Conc	6.0	1.02	6/11/2008
June 2008	001	Dissolved Oxygen	1D Conc	6.0	1.18	6/18/2008
June 2008	001	Dissolved Oxygen	1D Conc	6.0	.65	6/25/2008
July 2008	001	Total Suspended Solids	30D Conc	12	34.	7/1/2008
July 2008	001	Total Suspended Solids	30D Qty	0.041	.07721	7/1/2008
July 2008	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	52.8	7/1/2008
July 2008	001	Nitrogen, Ammonia (NH3	30D Qty	0.0034	.11991	7/1/2008
July 2008	001	CBOD 5 day	30D Conc	10	163.	7/1/2008
July 2008	001	CBOD 5 day	30D Qty	0.034	.37017	7/1/2008
July 2008	001	Dissolved Oxygen	1D Conc	6.0	.63	7/1/2008
July 2008	001	Total Suspended Solids	7D Conc	18	34.	7/8/2008

July 2008	001	Total Suspended Solids	7D Qty	0.061	.07721	7/8/2008
July 2008	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	52.8	7/8/2008
July 2008	001	Nitrogen, Ammonia (NH3	7D Qty	0.0051	.11991	7/8/2008
July 2008	001	CBOD 5 day	7D Conc	15	163.	7/8/2008
July 2008	001	CBOD 5 day	7D Qty	0.051	.37017	7/8/2008
July 2008	001	Dissolved Oxygen	1D Conc	6.0	.31	7/9/2008
July 2008	001	Dissolved Oxygen	1D Conc	6.0	.77	7/15/2008
July 2008	001	Dissolved Oxygen	1D Conc	6.0	1.87	7/22/2008
August 2008	001	Total Suspended Solids	30D Conc	12	38.	8/1/2008
August 2008	001	Total Suspended Solids	30D Qty	0.041	.0863	8/1/2008
August 2008	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	48.	8/1/2008
August 2008	001	Nitrogen, Ammonia (NH3	30D Qty	0.0034	.10901	8/1/2008
August 2008	001	CBOD 5 day	30D Conc	10	175.	8/1/2008
August 2008	001	CBOD 5 day	30D Qty	0.034	.39743	8/1/2008
August 2008	001	Dissolved Oxygen	1D Conc	6.0	1.66	8/1/2008
August 2008	001	Total Suspended Solids	7D Conc	18	38.	8/8/2008
August 2008	001	Total Suspended Solids	7D Qty	0.061	.0863	8/8/2008
August 2008	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	48.	8/8/2008
August 2008	001	Nitrogen, Ammonia (NH3	7D Qty	0.0051	.10901	8/8/2008
August 2008	001	CBOD 5 day	7D Conc	15	175.	8/8/2008
August 2008	001	CBOD 5 day	7D Qty	0.051	.39743	8/8/2008
August 2008	001	pH	1D Conc	6.5	6.49	8/8/2008
August 2008	001	Dissolved Oxygen	1D Conc	6.0	1.56	8/8/2008
August 2008	001	Dissolved Oxygen	1D Conc	6.0	1.56	8/15/2008
August 2008	001	Dissolved Oxygen	1D Conc	6.0	2.28	8/22/2008
September 2008	001	Total Suspended Solids	30D Conc	12	38.	9/1/2008
September 2008	001	Total Suspended Solids	7D Conc	18	38.	9/1/2008
September 2008	001	Total Suspended Solids	30D Qty	0.041	.0863	9/1/2008
September 2008	001	Total Suspended Solids	7D Qty	0.061	.0863	9/1/2008
September 2008	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	52.	9/1/2008
September 2008	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	52.	9/1/2008
September 2008	001	Nitrogen, Ammonia (NH3	30D Qty	0.0034	.11809	9/1/2008
September 2008	001	Nitrogen, Ammonia (NH3	7D Qty	0.0051	.11809	9/1/2008
September 2008	001	CBOD 5 day	30D Conc	10	193.	9/1/2008
September 2008	001	CBOD 5 day	7D Conc	15	193.	9/1/2008
September 2008	001	CBOD 5 day	30D Qty	0.034	.4383	9/1/2008
September 2008	001	CBOD 5 day	7D Qty	0.051	.4383	9/1/2008
September 2008	001	Dissolved Oxygen	1D Conc	6.0	2.03	9/1/2008
September 2008	001	Dissolved Oxygen	1D Conc	6.0	1.16	9/24/2008
October 2008	001	Total Suspended Solids	30D Conc	12	38.	10/1/2008
October 2008	001	Total Suspended Solids	7D Conc	18	38.	10/1/2008
October 2008	001	Total Suspended Solids	30D Qty	0.041	.0863	10/1/2008
October 2008	001	Total Suspended Solids	7D Qty	0.061	.0863	10/1/2008
October 2008	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	52.	10/1/2008

October 2008	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	52.	10/1/2008
October 2008	001	Nitrogen, Ammonia (NH3	30D Qty	0.0034	.11809	10/1/2008
October 2008	001	Nitrogen, Ammonia (NH3	7D Qty	0.0051	.11809	10/1/2008
October 2008	001	CBOD 5 day	30D Conc	10	193.	10/1/2008
October 2008	001	CBOD 5 day	7D Conc	15	193.	10/1/2008
October 2008	001	CBOD 5 day	30D Qty	0.034	.4383	10/1/2008
October 2008	001	CBOD 5 day	7D Qty	0.051	.4383	10/1/2008
October 2008	001	Dissolved Oxygen	1D Conc	6.0	2.03	10/1/2008
October 2008	001	Dissolved Oxygen	1D Conc	6.0	1.16	10/24/2008
November 2008	001	Total Suspended Solids	30D Conc	12	84.	11/1/2008
November 2008	001	Total Suspended Solids	30D Qty	0.041	.19076	11/1/2008
November 2008	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	48.	11/1/2008
November 2008	001	Nitrogen, Ammonia (NH3	30D Qty	0.01	.10901	11/1/2008
November 2008	001	CBOD 5 day	30D Conc	10	159.	11/1/2008
November 2008	001	CBOD 5 day	30D Qty	0.034	.36109	11/1/2008
November 2008	001	Dissolved Oxygen	1D Conc	6.0	.33	11/3/2008
November 2008	001	Total Suspended Solids	7D Conc	18	84.	11/8/2008
November 2008	001	Total Suspended Solids	7D Qty	0.061	.19076	11/8/2008
November 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	48.	11/8/2008
November 2008	001	Nitrogen, Ammonia (NH3	7D Qty	0.015	.10901	11/8/2008
November 2008	001	CBOD 5 day	7D Conc	15	159.	11/8/2008
November 2008	001	CBOD 5 day	7D Qty	0.051	.36109	11/8/2008
November 2008	001	Dissolved Oxygen	1D Conc	6.0	.78	11/10/2008
November 2008	001	Dissolved Oxygen	1D Conc	6.0	2.64	11/17/2008
November 2008	001	Dissolved Oxygen	1D Conc	6.0	1.58	11/24/2008
December 2008	001	Total Suspended Solids	30D Conc	12	97.	12/1/2008
December 2008	001	Total Suspended Solids	30D Qty	0.041	.22029	12/1/2008
December 2008	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	40.	12/1/2008
December 2008	001	Nitrogen, Ammonia (NH3	30D Qty	0.01	.09084	12/1/2008
December 2008	001	CBOD 5 day	30D Conc	10	166.	12/1/2008
December 2008	001	CBOD 5 day	30D Qty	0.034	.37699	12/1/2008
December 2008	001	Dissolved Oxygen	1D Conc	6.0	1.2	12/3/2008
December 2008	001	Total Suspended Solids	7D Conc	18	97.	12/8/2008
December 2008	001	Total Suspended Solids	7D Qty	0.061	.22029	12/8/2008
December 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	40.	12/8/2008
December 2008	001	Nitrogen, Ammonia (NH3	7D Qty	0.015	.09084	12/8/2008
December 2008	001	CBOD 5 day	7D Conc	15	166.	12/8/2008
December 2008	001	CBOD 5 day	7D Qty	0.051	.37699	12/8/2008
December 2008	001	Dissolved Oxygen	1D Conc	6.0	2.5	12/8/2008
December 2008	001	Dissolved Oxygen	1D Conc	6.0	3.14	12/15/2008
December 2008	001	Dissolved Oxygen	1D Conc	6.0	3.5	12/23/2008
January 2009	001	Total Suspended Solids	30D Conc	12	50.	1/1/2009
January 2009	001	Total Suspended Solids	30D Qty	0.041	.11355	1/1/2009
January 2009	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	48.	1/1/2009

January 2009	001	Nitrogen, Ammonia (NH3	30D Qty	0.01	.10901	1/1/2009
January 2009	001	CBOD 5 day	30D Conc	10	168.	1/1/2009
January 2009	001	CBOD 5 day	30D Qty	0.034	.38153	1/1/2009
January 2009	001	Dissolved Oxygen	1D Conc	6.0	3.41	1/2/2009
January 2009	001	Total Suspended Solids	7D Conc	18	50.	1/8/2009
January 2009	001	Total Suspended Solids	7D Qty	0.061	.11355	1/8/2009
January 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	48.	1/8/2009
January 2009	001	Nitrogen, Ammonia (NH3	7D Qty	0.015	.10901	1/8/2009
January 2009	001	CBOD 5 day	7D Conc	15	168.	1/8/2009
January 2009	001	CBOD 5 day	7D Qty	0.051	.38153	1/8/2009
January 2009	001	Dissolved Oxygen	1D Conc	6.0	3.6	1/8/2009
January 2009	001	Dissolved Oxygen	1D Conc	6.0	2.98	1/15/2009
January 2009	001	Dissolved Oxygen	1D Conc	6.0	3.43	1/23/2009
February 2009	001	Total Suspended Solids	30D Conc	12	54.	2/1/2009
February 2009	001	Total Suspended Solids	30D Qty	0.041	.12263	2/1/2009
February 2009	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	35.	2/1/2009
February 2009	001	Nitrogen, Ammonia (NH3	30D Qty	0.01	.07949	2/1/2009
February 2009	001	CBOD 5 day	30D Conc	10	51.	2/1/2009
February 2009	001	CBOD 5 day	30D Qty	0.034	.11582	2/1/2009
February 2009	001	Dissolved Oxygen	1D Conc	6.0	3.5	2/2/2009
February 2009	001	Total Suspended Solids	7D Conc	18	54.	2/8/2009
February 2009	001	Total Suspended Solids	7D Qty	0.061	.12263	2/8/2009
February 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	35.	2/8/2009
February 2009	001	Nitrogen, Ammonia (NH3	7D Qty	0.015	.07949	2/8/2009
February 2009	001	CBOD 5 day	7D Conc	15	51.	2/8/2009
February 2009	001	CBOD 5 day	7D Qty	0.051	.11582	2/8/2009
February 2009	001	Dissolved Oxygen	1D Conc	6.0	3.25	2/12/2009
February 2009	001	Dissolved Oxygen	1D Conc	6.0	3.43	2/16/2009
March 2009	001	Total Suspended Solids	30D Conc	12	37.	3/1/2009
March 2009	001	Total Suspended Solids	30D Qty	0.041	.08403	3/1/2009
March 2009	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	39.	3/1/2009
March 2009	001	Nitrogen, Ammonia (NH3	30D Qty	0.01	.08857	3/1/2009
March 2009	001	CBOD 5 day	30D Conc	10	147.	3/1/2009
March 2009	001	CBOD 5 day	30D Qty	0.034	.33384	3/1/2009
March 2009	001	Dissolved Oxygen	1D Conc	6.0	2.95	3/2/2009
March 2009	001	Total Suspended Solids	7D Conc	18	37.	3/8/2009
March 2009	001	Total Suspended Solids	7D Qty	0.061	.08403	3/8/2009
March 2009	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	39.	3/8/2009
March 2009	001	Nitrogen, Ammonia (NH3	7D Qty	0.015	.08857	3/8/2009
March 2009	001	CBOD 5 day	7D Conc	15	147.	3/8/2009
March 2009	001	CBOD 5 day	7D Qty	0.051	.33384	3/8/2009
March 2009	001	Dissolved Oxygen	1D Conc	6.0	3.93	3/9/2009
March 2009	001	Dissolved Oxygen	1D Conc	6.0	3.89	3/16/2009
March 2009	001	Dissolved Oxygen	1D Conc	6.0	2.2	3/23/2009

This treatment system has been unable to produce an effluent that can meet the final effluent limitations contained in the NPDES permit. You are directed to respond to this office, in writing, within fourteen (14) days receipt of this letter with a schedule for upgrading or replacing this system.

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

DS:bo

pc: Holmes County Health Department, Attn: Kraig Bucklew
Kevin Dean
Gary Lee, ORENCO Systems
Scott Ankrom, ATS
Paul Novak, DSW, CO

File: Semi-Public/Charm General Store

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City, State, ZIP+4

PS Form 3800, August 2006

See Reverse for Instructions