

**Environmental
Protection Agency**

John Kasich, Governor
Richard Cordusio, Lt. Governor
John J. Cornelli, Director

May 7, 2010

RE: HOLMES COUNTY
CHARM ENGINE
NPDES PERMIT NO. 3PR00409
2010 CEI

Mr. Ed Raber
Charm Corp., Inc.
Charm, OH 44617

Mr. Raber:

On April 13, 2010, this writer along with Kraig Bucklew from the Holmes County Department of Health, conducted an inspection of the wastewater treatment system for the Charm Engine facility located at 4147 SR 557. The intent of the inspection was to evaluate operations and maintenance of the system. Compliance with the NPDES Permit No. 3PR00409 was also evaluated.

Observations:

1. The existing system is an Orenco system which includes a primary collection tank, a dosing system, a filter tank and disinfection.
2. The treatment system was operational at the time of the inspection. The filter tank was dosing during the inspection.
3. The effluent discharging to the tributary was clear. No sludge deposition or unusual growth on the substrate of the stream was identified.

Compliance Review:

The compliance reports submitted each month for the facility were reviewed to determine compliance with the NPDES Permit. The period of review was April 2009 through March 2010. Following are violations of the NPDES Permit which have been identified in the Ohio EPA compliance database.

| Reporting Period | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|------------------|-------------------------|------------|--------|----------------|----------------|
| April 2009 | Nitrogen, Ammonia (NH3) | 30D Conc | 3.0 | 6. | 4/1/2009 |
| April 2009 | Nitrogen, Ammonia (NH3) | 7D Conc | 4.5 | 6. | 4/1/2009 |
| April 2009 | Nitrogen, Ammonia (NH3) | 30D Qty | 0.0056 | .01363 | 4/1/2009 |
| April 2009 | Nitrogen, Ammonia (NH3) | 7D Qty | 0.0085 | .01363 | 4/1/2009 |
| April 2009 | Total Suspended Solids | 30D Conc | 12 | 27. | 4/1/2009 |
| April 2009 | Total Suspended Solids | 7D Conc | 18 | 27. | 4/1/2009 |
| April 2009 | Total Suspended Solids | 30D Qty | 0.023 | .06132 | 4/1/2009 |
| April 2009 | Total Suspended Solids | 7D Qty | 0.034 | .06132 | 4/1/2009 |
| April 2009 | pH | 1D Conc | 6.5 | 6.4 | 4/13/2009 |

Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1924

330 | 963 1200
330 | 487 0769 (fax)
www.epa.ohio.gov

| Reporting Period | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|------------------|------------------------|------------|--------|----------------|----------------|
| May 2009 | CBOD 5 day | 30D Conc | 10 | 31. | 5/1/2009 |
| May 2009 | CBOD 5 day | 30D Qty | 0.034 | .0704 | 5/1/2009 |
| May 2009 | Nitrogen, Ammonia (NH3 | 30D Conc | 1.0 | 4.01 | 5/1/2009 |
| May 2009 | Nitrogen, Ammonia (NH3 | 30D Qty | 0.0019 | .00911 | 5/1/2009 |
| May 2009 | Total Suspended Solids | 30D Conc | 12 | 55. | 5/1/2009 |
| May 2009 | Total Suspended Solids | 30D Qty | 0.023 | .12491 | 5/1/2009 |
| May 2009 | CBOD 5 day | 7D Conc | 15 | 31. | 5/8/2009 |
| May 2009 | CBOD 5 day | 7D Qty | 0.051 | .0704 | 5/8/2009 |
| May 2009 | Nitrogen, Ammonia (NH3 | 7D Conc | 1.5 | 4.01 | 5/8/2009 |
| May 2009 | Nitrogen, Ammonia (NH3 | 7D Qty | 0.0028 | .00911 | 5/8/2009 |
| May 2009 | Total Suspended Solids | 7D Conc | 18 | 55. | 5/8/2009 |
| May 2009 | Total Suspended Solids | 7D Qty | 0.034 | .12491 | 5/8/2009 |
| May 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 2.75 | 5/19/2009 |
| May 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 3.4 | 5/28/2009 |
| June 2009 | CBOD 5 day | 30D Conc | 10 | 15. | 6/1/2009 |
| June 2009 | CBOD 5 day | 30D Qty | 0.034 | .03407 | 6/1/2009 |
| June 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 3.68 | 6/1/2009 |
| June 2009 | Nitrogen, Ammonia (NH3 | 30D Conc | 1.0 | 3.6 | 6/1/2009 |
| June 2009 | Nitrogen, Ammonia (NH3 | 30D Qty | 0.0019 | .00818 | 6/1/2009 |
| June 2009 | Total Suspended Solids | 30D Conc | 12 | 17. | 6/1/2009 |
| June 2009 | Total Suspended Solids | 30D Qty | 0.023 | .03861 | 6/1/2009 |
| June 2009 | Nitrogen, Ammonia (NH3 | 7D Conc | 1.5 | 3.6 | 6/8/2009 |
| June 2009 | Nitrogen, Ammonia (NH3 | 7D Qty | 0.0028 | .00818 | 6/8/2009 |
| June 2009 | Total Suspended Solids | 7D Qty | 0.034 | .03861 | 6/8/2009 |
| June 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 2.84 | 6/25/2009 |
| July 2009 | Nitrogen, Ammonia (NH3 | 30D Qty | 0.0019 | .00192 | 7/1/2009 |
| July 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 3.96 | 7/2/2009 |
| July 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 3.85 | 7/8/2009 |
| August 2009 | CBOD 5 day | 30D Conc | 10 | 13. | 8/1/2009 |
| August 2009 | Fecal Coliform | 30D Conc | 1000 | 1200. | 8/1/2009 |
| August 2009 | Nitrogen, Ammonia (NH3 | 30D Conc | 1.0 | 1.97 | 8/1/2009 |
| August 2009 | Nitrogen, Ammonia (NH3 | 30D Qty | 0.0019 | .00447 | 8/1/2009 |
| August 2009 | Total Suspended Solids | 30D Conc | 12 | 15. | 8/1/2009 |
| August 2009 | Total Suspended Solids | 30D Qty | 0.023 | .03407 | 8/1/2009 |
| August 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 5.23 | 8/3/2009 |
| August 2009 | Nitrogen, Ammonia (NH3 | 7D Conc | 1.5 | 1.97 | 8/15/2009 |
| August 2009 | Nitrogen, Ammonia (NH3 | 7D Qty | 0.0028 | .00447 | 8/15/2009 |
| August 2009 | Total Suspended Solids | 7D Qty | 0.034 | .03407 | 8/15/2009 |
| August 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 5.5 | 8/25/2009 |
| September 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 5.24 | 9/3/2009 |
| October 2009 | Total Suspended Solids | 30D Qty | 0.023 | .02498 | 10/1/2009 |
| October 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 5.37 | 10/23/2009 |
| December 2009 | Dissolved Oxygen | 1D Conc | 6.0 | 4.32 | 12/22/2009 |

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| Reporting Period | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|------------------|-------------------------|------------|--------|----------------|----------------|
| December 2009 | pH | 1D Conc | 6.5 | 6.4 | 12/22/2009 |
| January 2010 | Nitrogen, Ammonia (NH3) | 30D Conc | 3.0 | 9.43 | 1/1/2010 |
| January 2010 | Nitrogen, Ammonia (NH3) | 30D Qty | 0.0056 | .02142 | 1/1/2010 |
| January 2010 | Nitrogen, Ammonia (NH3) | 7D Conc | 4.5 | 9.43 | 1/8/2010 |
| January 2010 | Nitrogen, Ammonia (NH3) | 7D Qty | 0.0085 | .02142 | 1/8/2010 |
| January 2010 | pH | 1D Conc | 6.5 | 6.4 | 1/14/2010 |
| February 2010 | Nitrogen, Ammonia (NH3) | 30D Conc | 3.0 | 11.4 | 2/1/2010 |
| February 2010 | Nitrogen, Ammonia (NH3) | 30D Qty | 0.0056 | .02589 | 2/1/2010 |
| February 2010 | Nitrogen, Ammonia (NH3) | 7D Conc | 4.5 | 11.4 | 2/8/2010 |
| February 2010 | Nitrogen, Ammonia (NH3) | 7D Qty | 0.0085 | .02589 | 2/8/2010 |
| March 2010 | Nitrogen, Ammonia (NH3) | 30D Conc | 3.0 | 8.07 | 3/1/2010 |
| March 2010 | Nitrogen, Ammonia (NH3) | 30D Qty | 0.0056 | .01833 | 3/1/2010 |
| March 2010 | Nitrogen, Ammonia (NH3) | 7D Conc | 4.5 | 8.07 | 3/8/2010 |
| March 2010 | Nitrogen, Ammonia (NH3) | 7D Qty | 0.0085 | .01833 | 3/8/2010 |

As a result of the above violations, the wastewater treatment system is considered in Significant Noncompliance with the NPDES Permit.

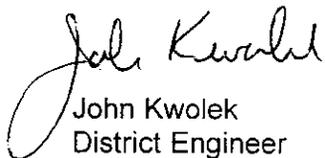
NPDES Permit:

The existing NPDES Permit is due to expire on October 31, 2010. Be advised that an application for permit renewal must be submitted to this office no later than June 1, 2010.

A review of past inspection reports show that the existing system is not capable of compliance with the requirements of the NPDES Permit. In response, the permit renewal will include a schedule to upgrade or replace the existing wastewater system.

You may contact this writer at (330) 963-1251 or at john.kwolek@epa.state.oh.us to discuss any questions you may have regarding this inspection report.

Sincerely,



John Kwolek
District Engineer
Division of Surface Water

JK/mt

cc: Kraig Bucklew, Holmes County Department of Health