

**Environmental  
Protection Agency**

Robert R. Anderson, Governor  
L. Douglas Looney, Lt. Governor  
Chris K. Cook, Director

May 10, 2010

**RE: HOLMES COUNTY  
CHARM BANK AND POST OFFICE  
NPDES PERMIT NO. 3PR00410**

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

Dear 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 Bank and Post Office located at 4440 CR 70. The intent of the inspection was to evaluate operations and maintenance of the system. Compliance with the NPDES Permit No. 3PR00410 was also evaluated.

Observations:

1. The existing system is an Orenco system which includes a primary collection tank, a dosing system, a recirculating filter tank, a flow splitter and disinfection. The system configuration is different than shown on the approved plans. There is a structure located on the east side of the property near the retaining wall that could not be identified on the plans.
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.

Since the treatment system configuration was not installed per the approved plans, it is requested that a revised site plan be submitted to show the actual tank configuration. The site plan should also identify the unknown structure located on the east side of the site near the retaining wall.

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 No. 3PR00410 which have been identified in the Ohio EPA compliance database.

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| Reported Period | Parameter              | Limit Type | Limit  | Reported Value | Violation Date |
|-----------------|------------------------|------------|--------|----------------|----------------|
| April 2009      | CBOD 5 day             | 30D Conc   | 10     | 45.            | 4/1/2009       |
| April 2009      | CBOD 5 day             | 7D Conc    | 15     | 45.            | 4/1/2009       |
| April 2009      | CBOD 5 day             | 30D Qty    | 0.034  | .1022          | 4/1/2009       |
| April 2009      | CBOD 5 day             | 7D Qty     | 0.051  | .1022          | 4/1/2009       |
| April 2009      | Nitrogen, Ammonia (NH3 | 30D Conc   | 3.0    | 36.            | 4/1/2009       |
| April 2009      | Nitrogen, Ammonia (NH3 | 7D Conc    | 4.5    | 36.            | 4/1/2009       |
| April 2009      | Nitrogen, Ammonia (NH3 | 30D Qty    | 0.01   | .08176         | 4/1/2009       |
| April 2009      | Nitrogen, Ammonia (NH3 | 7D Qty     | 0.015  | .08176         | 4/1/2009       |
| April 2009      | Total Suspended Solids | 30D Conc   | 12     | 57.            | 4/1/2009       |
| April 2009      | Total Suspended Solids | 7D Conc    | 18     | 57.            | 4/1/2009       |
| April 2009      | Total Suspended Solids | 30D Qty    | 0.041  | .12945         | 4/1/2009       |
| April 2009      | Total Suspended Solids | 7D Qty     | 0.061  | .12945         | 4/1/2009       |
| May 2009        | CBOD 5 day             | 30D Conc   | 10     | 34.            | 5/1/2009       |
| May 2009        | CBOD 5 day             | 30D Qty    | 0.034  | .07721         | 5/1/2009       |
| May 2009        | Fecal Coliform         | 30D Conc   | 1000   | 15500.         | 5/1/2009       |
| May 2009        | Nitrogen, Ammonia (NH3 | 30D Conc   | 1.0    | 20.            | 5/1/2009       |
| May 2009        | Nitrogen, Ammonia (NH3 | 30D Qty    | 0.0034 | .04542         | 5/1/2009       |
| May 2009        | Total Suspended Solids | 30D Conc   | 12     | 15.            | 5/1/2009       |
| May 2009        | Dissolved Oxygen       | 1D Conc    | 6.0    | 5.3            | 5/4/2009       |
| May 2009        | CBOD 5 day             | 7D Conc    | 15     | 34.            | 5/8/2009       |
| May 2009        | CBOD 5 day             | 7D Qty     | 0.051  | .07721         | 5/8/2009       |
| May 2009        | Fecal Coliform         | 7D Conc    | 2000   | 15500.         | 5/8/2009       |
| May 2009        | Nitrogen, Ammonia (NH3 | 7D Conc    | 1.5    | 20.            | 5/8/2009       |
| May 2009        | Nitrogen, Ammonia (NH3 | 7D Qty     | 0.0051 | .04542         | 5/8/2009       |
| May 2009        | Dissolved Oxygen       | 1D Conc    | 6.0    | 5.98           | 5/18/2009      |
| May 2009        | Dissolved Oxygen       | 1D Conc    | 6.0    | 5.23           | 5/28/2009      |
| June 2009       | Dissolved Oxygen       | 1D Conc    | 6.0    | 3.45           | 6/1/2009       |
| June 2009       | Nitrogen, Ammonia (NH3 | 30D Conc   | 1.0    | 4.41           | 6/1/2009       |
| June 2009       | Nitrogen, Ammonia (NH3 | 30D Qty    | 0.0034 | .01002         | 6/1/2009       |
| June 2009       | Nitrogen, Ammonia (NH3 | 7D Conc    | 1.5    | 4.41           | 6/8/2009       |
| June 2009       | Nitrogen, Ammonia (NH3 | 7D Qty     | 0.0051 | .01002         | 6/8/2009       |
| July 2009       | Nitrogen, Ammonia (NH3 | 30D Conc   | 1.0    | 1.31           | 7/1/2009       |
| August 2009     | Fecal Coliform         | 30D Conc   | 1000   | 1500.          | 8/1/2009       |
| August 2009     | Nitrogen, Ammonia (NH3 | 30D Conc   | 1.0    | 4.22           | 8/1/2009       |
| August 2009     | Nitrogen, Ammonia (NH3 | 30D Qty    | 0.0034 | .00958         | 8/1/2009       |
| August 2009     | Nitrogen, Ammonia (NH3 | 7D Conc    | 1.5    | 4.22           | 8/8/2009       |
| August 2009     | Nitrogen, Ammonia (NH3 | 7D Qty     | 0.0051 | .00958         | 8/8/2009       |
| September 2009  | Dissolved Oxygen       | 1D Conc    | 6.0    | 5.31           | 9/3/2009       |
| October 2009    | Fecal Coliform         | 30D Conc   | 1000   | 5800.          | 10/1/2009      |
| October 2009    | Nitrogen, Ammonia (NH3 | 30D Conc   | 1.0    | 5.37           | 10/1/2009      |
| October 2009    | Nitrogen, Ammonia (NH3 | 30D Qty    | 0.0034 | .0122          | 10/1/2009      |
| October 2009    | Total Suspended Solids | 30D Conc   | 12     | 21.            | 10/1/2009      |
| October 2009    | Total Suspended Solids | 30D Qty    | 0.041  | .04769         | 10/1/2009      |

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| Reporting Period | Parameter               | Limit Type | Limit  | Reported Value | Violation Date |
|------------------|-------------------------|------------|--------|----------------|----------------|
| October 2009     | Fecal Coliform          | 7D Conc    | 2000   | 5800.          | 10/15/2009     |
| October 2009     | Nitrogen, Ammonia (NH3) | 7D Conc    | 1.5    | 5.37           | 10/15/2009     |
| October 2009     | Nitrogen, Ammonia (NH3) | 7D Qty     | 0.0051 | .0122          | 10/15/2009     |
| October 2009     | Total Suspended Solids  | 7D Conc    | 18     | 21.            | 10/15/2009     |
| December 2009    | CBOD 5 day              | 30D Conc   | 10     | 87.            | 12/1/2009      |
| December 2009    | CBOD 5 day              | 30D Qty    | 0.034  | .19758         | 12/1/2009      |
| December 2009    | Total Suspended Solids  | 30D Conc   | 12     | 477.           | 12/1/2009      |
| December 2009    | Total Suspended Solids  | 30D Qty    | 0.041  | 1.08327        | 12/1/2009      |
| December 2009    | CBOD 5 day              | 7D Conc    | 15     | 87.            | 12/15/2009     |
| December 2009    | CBOD 5 day              | 7D Qty     | 0.051  | .19758         | 12/15/2009     |
| December 2009    | Dissolved Oxygen        | 1D Conc    | 6.0    | 3.7            | 12/15/2009     |
| December 2009    | Total Suspended Solids  | 7D Conc    | 18     | 477.           | 12/15/2009     |
| December 2009    | Total Suspended Solids  | 7D Qty     | 0.061  | 1.08327        | 12/15/2009     |
| December 2009    | Dissolved Oxygen        | 1D Conc    | 6.0    | 5.55           | 12/22/2009     |
| January 2010     | Nitrogen, Ammonia (NH3) | 30D Conc   | 3.0    | 3.48           | 1/1/2010       |
| January 2010     | Total Suspended Solids  | 30D Conc   | 12     | 17.            | 1/1/2010       |

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

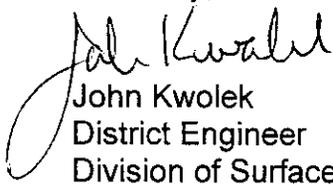
NPDES Permit:

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](mailto:john.kwolek@epa.state.oh.us) to discuss any questions you may have regarding this inspection report. Please forward the revised site plan no later than June 30, 2010.

Sincerely,

  
John Kwolek  
District Engineer  
Division of Surface Water

JK:cl

cc. Kraig Bucklew, Holmes County Department of Health