



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 11, 2010

RE: CANTEX INC.
PERMIT NO. 3IF00024
PORTAGE COUNTY
MANTUA

CERTIFIED MAIL

Mr. Don Langley, Plant Manager
Cantex Inc.
11444 Chamberlain Road, Suite #1
Aurora, Ohio 44202

Dear Mr. Langley:

On January 12, 2010, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by Mr. John Gerbec, Maintenance Manager and you. The purpose of the inspection was to evaluate the operation and maintenance of the treatment system along with the facility's compliance status with respect to the terms and conditions of the above referenced National Pollutant Discharge Elimination System (NPDES) permit.

During the inspection, the following items were noted/discussed:

1. The plant design of the wastewater treatment system is 18,000 gpd.
2. The blowers were running and the plant was receiving good aeration.
3. The contents of the aeration tank were medium brown in color.
4. The sludge return line was working properly.
5. The skimmer return line was working properly and returning clear water.
6. The surface sand filter bed media was covered with a layer of sludge. The sludge layer should be removed and be properly disposed at a licensed solid waste landfill.
7. Once the sludge layer is removed in the surface sand filter beds, additional filter media may be required. In general 18 inches of approved filter sand is necessary. Any filter sand that is used must meet the requirements of Ohio Administrative Code (OAC) 3745-42-09. More specifically, for conventional surface sand filters, filter sand shall be washed and free of silt; have an effective size of 0.4 mm to 1.0 mm; and have a uniformity coefficient less than 3.0.
8. Sludge is hauled from the wastewater treatment plant once per year by Allen Drain located in Streetsboro.
9. The discharge point could not be observed due to a recent snow event.
10. Precision Analytical collects the effluent samples and performs the analytical analysis.

11. Precision Analytical also submits the results to Ohio EPA through the Web-based electronic Discharge Monitor Reporting e-DMR system. The results may be submitted by Precision Analytical, however, the report must be pinned by the person at Cantex who is responsible for the daily operation of the treatment plant.
12. The facility's NPDES permit requires that the wastewater treatment plant be under the supervision of a class I State Certified Operator. You were notified of this in correspondence from this office dated October 23, 2007. To date you have not hired an operator to oversee the wastewater treatment plant. An operator needs to be hired immediately.
13. The current permit contains outfall station 3IF00024001 and internal monitoring station 3IF00024602. You indicated that outfall 3IF00024001 no longer has a discharge. You also indicated that the process wastewater discharge pipe has been sealed and there is no longer a discharge to internal station 3IF00024602. Both of these stations are no longer required as a result of the closed loop process wastewater treatment system which was installed. This system was approved under Permit-to-Install No. 653441. A request to modify the facility's NPDES permit can be made or the facility can report no flow for these stations until the permit is renewed.

This office has recently reviewed your self-monitoring reports covering the period September 1, 2007 through December 31, 2009 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instances of noncompliance are as follows:

LIMIT VIOLATIONS

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
602	00530	Total Suspended Solids	1D Conc	10.3	122.	9/4/2007
602	00530	Total Suspended Solids	1D Conc	10.3	15.	9/11/2007
602	00530	Total Suspended Solids	1D Conc	10.3	164.	9/18/2007
602	00530	Total Suspended Solids	1D Conc	10.3	194.	10/2/2007
602	00530	Total Suspended Solids	1D Conc	10.3	20.	11/7/2007
602	00530	Total Suspended Solids	1D Conc	10.3	40.	11/13/2007
602	00530	Total Suspended Solids	1D Conc	10.3	1130.	11/19/2007
602	00552	Oil and Grease, Hexane	1D Conc	15.8	19.4	11/19/2007
602	00530	Total Suspended Solids	1D Conc	10.3	14.	12/4/2007
602	00530	Total Suspended Solids	1D Conc	10.3	12.	12/10/2007
602	00530	Total Suspended Solids	1D Conc	10.3	43.	12/18/2007
602	00310	Biochemical Oxygen Dem	1D Conc	14.1	88.	12/24/2007
602	00530	Total Suspended Solids	1D Conc	10.3	11.	1/3/2008
602	00310	Biochemical Oxygen Dem	1D Conc	14.1	23.6	1/3/2008
602	00530	Total Suspended Solids	1D Conc	10.3	16.	1/11/2008

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
602	00310	Biochemical Oxygen Dem	1D Conc	14.1	29.3	1/11/2008
602	00310	Biochemical Oxygen Dem	1D Conc	14.1	25.	1/18/2008
602	00530	Total Suspended Solids	1D Conc	10.3	26.	1/22/2008
602	00310	Biochemical Oxygen Dem	1D Conc	14.1	34.3	1/22/2008
602	00530	Total Suspended Solids	1D Conc	10.3	101.	2/5/2008
602	00530	Total Suspended Solids	1D Conc	10.3	11.	2/25/2008
602	00552	Oil and Grease, Hexane	1D Conc	15.8	16.	2/25/2008
602	00530	Total Suspended Solids	1D Conc	10.3	22.	3/3/2008
602	00530	Total Suspended Solids	1D Conc	10.3	13.	3/11/2008
602	00530	Total Suspended Solids	1D Conc	10.3	35.	3/17/2008
602	00530	Total Suspended Solids	1D Conc	10.3	19.	3/24/2008
602	00530	Total Suspended Solids	1D Conc	10.3	46.	4/1/2008
602	00310	Biochemical Oxygen Dem	1D Conc	14.1	96.	4/1/2008
602	00530	Total Suspended Solids	1D Conc	10.3	66.	4/17/2008
602	00310	Biochemical Oxygen Dem	1D Conc	14.1	15.	4/17/2008
602	00530	Total Suspended Solids	1D Conc	10.3	479.	4/22/2008
602	00530	Total Suspended Solids	1D Conc	10.3	12.	5/5/2008
602	00530	Total Suspended Solids	1D Conc	10.3	19.	5/12/2008
602	00530	Total Suspended Solids	1D Conc	10.3	28.	6/10/2008
602	00530	Total Suspended Solids	1D Conc	10.3	56.	10/1/2008
602	00400	pH	1D Conc	6.5	6.36	10/8/2008
602	00530	Total Suspended Solids	1D Conc	10.3	33.	10/15/2008
602	00530	Total Suspended Solids	1D Conc	10.3	24.	1/5/2009
602	00530	Total Suspended Solids	1D Conc	10.3	29.	1/9/2009
602	00530	Total Suspended Solids	1D Conc	10.3	11.	1/15/2009
602	00310	Biochemical Oxygen Dem	1D Conc	14.1	16.	1/15/2009
602	00530	Total Suspended Solids	1D Conc	10.3	14.	2/3/2009
602	00530	Total Suspended Solids	1D Conc	10.3	60.	2/10/2009
602	00530	Total Suspended Solids	1D Conc	10.3	17.	2/19/2009
602	00530	Total Suspended Solids	1D Conc	10.3	29.	2/25/2009
002	50060	Chlorine, Total Residue	1D Conc	0.019	.05	9/11/2007
002	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.03	.03995	12/1/2007
002	00530	Total Suspended Solids	30D Qty	0.09	.12263	2/1/2008
002	00530	Total Suspended Solids	30D Qty	0.09	.18395	3/1/2008
002	80082	CBOD 5 day	30D Qty	0.08	.19765	3/1/2008
002	00530	Total Suspended Solids	1D Qty	0.14	.18395	3/3/2008
002	80082	CBOD 5 day	1D Qty	0.11	.19765	3/3/2008
002	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.0	2.7	5/1/2008
002	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.02	.02453	5/1/2008
002	80082	CBOD 5 day	30D Conc	10	42.	5/1/2008
002	80082	CBOD 5 day	30D Qty	0.08	.38153	5/1/2008
002	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.02	.02453	5/5/2008
002	80082	CBOD 5 day	1D Conc	15	42.	5/5/2008
002	80082	CBOD 5 day	1D Qty	0.11	.38153	5/5/2008

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
002	50060	Chlorine, Total Residue	1D Conc	0.019	.14	5/5/2008
002	00300	Dissolved Oxygen	1D Conc	5.0	3.8	5/5/2008
002	50060	Chlorine, Total Residue	1D Conc	0.019	.12	6/2/2008
002	50060	Chlorine, Total Residue	1D Conc	0.019	.14	7/1/2008
002	50060	Chlorine, Total Residue	1D Conc	0.019	.13	8/6/2008
002	00530	Total Suspended Solids	1D Qty	0.14	.16351	10/1/2008
002	00530	Total Suspended Solids	30D Qty	0.09	.16351	10/1/2008
002	80082	CBOD 5 day	30D Qty	0.08	.08176	10/1/2008
002	00530	Total Suspended Solids	30D Qty	0.09	.10512	5/1/2009
002	50060	Chlorine, Total Residue	1D Conc	0.019	.08	5/4/2009
002	00530	Total Suspended Solids	30D Conc	12	28.	6/1/2009
002	00530	Total Suspended Solids	30D Qty	0.09	.25435	6/1/2009
002	00530	Total Suspended Solids	1D Conc	18	28.	6/2/2009
002	00530	Total Suspended Solids	1D Qty	0.14	.25435	6/2/2009
002	50060	Chlorine, Total Residue	1D Conc	0.019	.05	6/2/2009
002	00530	Total Suspended Solids	30D Conc	12	24.	7/1/2009
002	00530	Total Suspended Solids	30D Qty	0.09	.32702	7/1/2009
002	00530	Total Suspended Solids	1D Conc	18	24.	7/6/2009
002	00530	Total Suspended Solids	1D Qty	0.14	.32702	7/6/2009
002	00300	Dissolved Oxygen	1D Conc	5.0	4.85	7/6/2009
002	00530	Total Suspended Solids	30D Conc	12	14.	8/1/2009
002	00530	Total Suspended Solids	30D Qty	0.09	.12718	8/1/2009
002	50060	Chlorine, Total Residue	1D Conc	0.019	.07	8/3/2009
002	00300	Dissolved Oxygen	1D Conc	5.0	4.84	8/3/2009
002	50060	Chlorine, Total Residue	1D Conc	0.019	.09	9/21/2009
002	00400	pH	1D Conc	6.5	6.49	9/21/2009
002	00300	Dissolved Oxygen	1D Conc	5.0	4.4	9/21/2009
002	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.02	.02208	10/1/2009
002	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.02	.02208	10/20/2009
002	50060	Chlorine, Total Residue	1D Conc	0.019	.2	10/20/2009
002	00300	Dissolved Oxygen	1D Conc	5.0	4.68	10/20/2009
002	00300	Dissolved Oxygen	1D Conc	5.0	4.82	11/6/2009
002	00530	Total Suspended Solids	30D Qty	0.09	.1022	12/1/2009

FREQUENCY VIOLATIONS

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
002	00083	Color, Severity	1/Week	1	0	09/08/2008
002	01330	Odor, Severity	1/Week	1	0	09/08/2008
002	01350	Turbidity, Severity	1/Week	1	0	09/08/2008

Mr. Don Langley
Cantex Inc.
February 11, 2010
Page 5

Please notify this office, in writing, within 14 days receipt of this letter, of your intentions to address items 6, 11, 12, 13, and the ongoing wastewater treatment plant violations. The letter should include dates either actual or proposed.

Please be advised that such instances of noncompliance may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111..

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS/mt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Don Langley Cantex, Inc. 11444 Chamberlain Rd, Ste #1 Aurora OH 44202	B. Received by (Printed Name) Grace Roth C. Date of Delivery 2-16-10
2. Article Number (Transfer from service label) 7009 1680 0000 6381 3149 (Steven 2/12/10)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Sent To

Street, Apt. No.,
or PO Box No.

City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7009 1680 0000 6381 3149