



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

July 20, 2012

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 June 21, 2012, a follow-up inspection of the above referenced facility was conducted. The initial inspection was conducted on January 20, 2012. The facility was represented by Mr. Eugene Davis, Class III Waste Water Treatment Plant Operator and you. The purpose of the inspection was to evaluate recent improvements made to 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 follow-up inspection, the following items were noted/discussed:

1. Mr. Eugene Davis from efdavis₂ & ASSOCIATES has been contracted and placed in charge of the technical operations of the wastewater treatment plant since May 11, 2012.
2. Mr. Davis is also responsible for collecting the effluent samples and entering the analytical results into Ohio EPA's Surface Water Information Management System and pinning the monthly report.
3. The Facility's NPDES permit has been expired since March 31, 2012. To date this office has not received the NPDES permit renewal applications. Mr. Davis informed this office via telephone that the application forms were completed and would be dropped off once the check for the application renewal fee has been received from Cantex headquarters. Please note that the check shall be made payable to: "Treasurer, State of Ohio"
4. **No monthly discharge monitoring reports have been received by this office since April 2011. During the January 20, 2012, inspection, you contacted Precision Analytical to determine the status of the missing monthly reports. Mr. Carey Methias, from Precisonal Analytical indicated that he would look into this and get back to you. All missing monthly reports since April 2011 should be electronically submitted immediately. Please provide this office with documentation that the parameters, which were required to be tested for, were paid for and the services were rendered.**
5. You indicated that the facility's Storm Water Pollution Prevention Plan was last updated in 2008. **You indicated that you need to modify/update the plan and would submit it to this office.**

6. The plant design of the wastewater treatment system is 18,000 gpd.
7. The facility currently employs 50 employees.
8. The blower was running and the plant was receiving good aeration.
9. It was noted that only one blower exists. **Ohio EPA design criteria requires a duplicate blower.**
10. The contents of the aeration tank were medium brown in color and no foam was present. This is typical of a properly operating plant.
11. The sludge return line was functioning properly and returning medium brown water.
12. The skimmer return line was functioning properly and returning clear water.
13. The skimmer was adjusted to the proper level
14. Minimal solids were observed going over the weir.
15. Mr. Davis indicated that he was proposing to install an aluminum scum baffle and to also move the existing baffle back to increase the settling zone.
16. Both surface sand filter beds contained the wrong filter media. The material is schedule to be replaced.
17. Flow is capable of being monitored with both a flow meter and elapsed time meters on the dosing pump.
18. Both the chlorination and de-chlorination dispensing tubes were adequately stocked.
19. The outfall pipe is submerged. Mr. Davis indicated that relocating the outfall above ground and adding rip/rap is being considered. It should be noted that proper sample collection requires that a free falling sample is able to be taken
20. Subsequent to Mr. Davis taking over the technical operations of wastewater treatment system, the following actions were taken:
 - A. The diffusers in the aeration tank were plugged. Sixteen new diffusers were installed in the first cell. Mr. Davis indicated the first cell was not receiving any air when he first took over operations of the treatment plant. Eight new diffusers were installed in the second cell.
 - B. The air relief valve on the blower was ceased up. This was corrected.
 - C. A new 3" air filter was installed on the blower.
 - D. The existing 3" return activated sludge line was removed.
 - E. A new return activated sludge line and skimmer return line were installed.
 - F. A new 2 1/2" header airline was installed from the blower to the aeration tanks. The old one, which was replaced, was only 2" in diameter.
 - G. New 1 1/4" air lines were installed to all of the diffusers. The existing ones were only 1" in diameter.
 - H. A new alternator contact relay was installed on the dosing pump.
 - I. Mr. Davis is scheduled to replace the surface sand filter media. You indicated that money has been approved by Cantex.
 - J. All treatment tanks were completely pumped out and all debris was removed.
 - K. Approximately 8,000 gallons of wastewater from P&M Mobile Home Park was trucked in to re-seed the treatment plant.
 - L. The area around the chlorine contact tank was re-graded. Mr. Davis indicated that approximately 18" of sediment was at the bottom of the chlorine contact tank. The entire tank was pumped out.
 - M. A cover for the chlorine contact tank was currently being fabricated and was scheduled to be installed upon its completion. Additional regarding is being proposed.
 - N. A riser was installed on the de-chlorination unit. Mr. Davis indicated that this area was also going to be re-graded.
 - O. Mr. Davis maintains a log book inside the secretary's office which documents his time at the plant along with his duties performed.

This office has recently reviewed your self-monitoring reports covering the period May 1, 2011 through May 31, 2012 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:

As previously noted above, no monthly discharge monitoring reports have been submitted to this office since April 2011.

Please notify this office, in writing, within 14 days receipt of this letter, of your intentions to address items 4, 5, 9, 15, 19 and 20 letter I. The response 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

Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS/cs

cc: Mr. Eugene Davis, efdavis 2 & ASSOCIATES

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 B. Received by (Printed Name) C. Date of Delivery
1. Article Addressed to: Mr. Don Langley, Plant Manager Cantex Inc. 11444 Chamberlain Road, Suite #1 Aurora, Ohio 44202	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No E. Service Type <input 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.
2. Article Number (Transfer from service label) 7010 1670 0001 8461 2156 DSW	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes 7/22/12

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

