



State of Ohio Environmental Protection Agency

Northeast District Office

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

March 20, 2008

RE: TRUMBULL COUNTY
FOWLER TOWNSHIP
CURRIE ELEMENTARY SCHOOL
WWTP INSPECTION
(NPDES PERMIT 3PT00084)

CERTIFIED MAIL

Mr. Lee Seipel, Superintendent
Matthews Local Schools
Currie Elementary
4429 Warren-Sharon Road
Vienna, OH 44473

Dear Mr. Seipel:

On March 6, 2008, a Compliance Evaluation Inspection (CEI) was conducted at the Currie Elementary School wastewater treatment plant (WWTP). Present during the inspection were Mr. Joel Polonus, representing the school system, and this writer, of Ohio EPA.

The purpose of the visit was to evaluate the WWTP operation and maintenance, as well the facility's compliance with NPDES Permit effluent limits and conditions.

At the time of the inspection the maintenance of the plant could be rated as satisfactory. The following observations were made:

- 1) The trash trap was being utilized and contents were typical.
- 2) The flow equalization chamber and pumps were being utilized and were operating properly.
- 3) The extended aeration tank contents were well aerated, and were a medium brown in color. The return activated sludge (RAS) line was operational, as was the skimmer line returning skimmings from the settling tank. There were three blower motors, of which one was being utilized, and the remaining two were in standby mode.
- 4) The settling tank contents were typical, the effluent trough was clean, and the skimmer was properly adjusted and operating. Effluent from the settling tank was slightly turbid.



Mr. Lee Seipel
 Currie Elementary School
 March 20, 2008
 Page 2

- 5) Both pumps in the surface sand filter dosing station were operational, and the high level alarm was operational when manually tested. Totalizer readings for the pumps are used in reporting daily flows to the WWTP.
- 6) The surface sand filters consisted of 2 cells, of which the east cell was in use. The west cell was not in use, and the sand was clean and raked level.
- 7) Effluent disinfection is accomplished by tablet chlorination and dechlorination units located in the contact tank. The chlorination / dechlorination units contained no tablets, as disinfection of the effluent is not required for the period of November 1st through April 30th. One of the chlorination tablet tubes and end cap was missing, and is in need of replacement.
- 8) Effluent from the WWTP is post-aerated prior to being discharged.
- 9) Effluent was clear and visually free of solids. Treated effluent from the WWTP is discharged to a swale/ditch and subsequently to an unnamed tributary of Confusion Run.
- 10) The aerated sludge holding tank was full and being aerated, and contents were medium brown in color.

A review of the Monthly Operating Reports (MOR's) submitted to Ohio EPA for the Currie Elementary School WWTP, for the period of December 1, 2005, through March 1, 2008, found the following effluent limit numeric violations for the facility:

**MATTHEWS LOCAL SCHOOLS
 CURRIE ELEMENTARY
 FINAL EFFLUENT NUMERIC VIOLATIONS
 NPDES PERMIT NO. 3PT00084
 (Dec. 1, 2005 through March. 1, 2008)**

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
December 2005	Total Suspended Solids	30D Conc	12	14.	12/1/2005
December 2005	Total Suspended Solids	7D Conc	18	26.	12/1/2005
December 2005	Nitrogen, Ammonia (NH3-N)	30D Conc	4.5	6.14	12/1/2005
December 2005	Nitrogen, Ammonia (NH3-N)	7D Conc	6.75	12.1	12/1/2005
December 2005	Dissolved Oxygen	1D Conc	5.0	2.5	12/2/2005
June 2006	Total Suspended Solids	30D Conc	12	20.	6/1/2006
June 2006	Total Suspended Solids	7D Conc	18	20.	6/1/2006

Mr. Lee Seipel
Currie Elementary School
March 20, 2008
Page 3

Matthews Local Schools should continue with all efforts that will enable the Currie Elementary School WWTP to consistently meet its NPDES Permit limits. Particular attention should be paid to determination of the cause of the suspended solids effluent violations, and implementation of any necessary corrective actions.

If there are any questions or comments regarding the contents of this letter, please contact this office.

Respectfully,

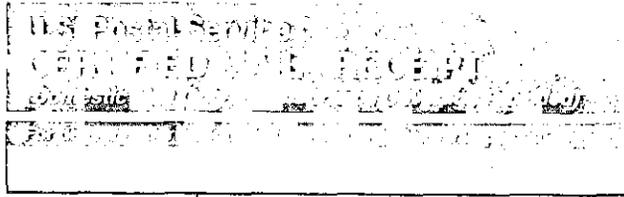
A handwritten signature in cursive script that reads "Charles E. Allen".

Charles E. Allen
Environmental Engineer
Division of Surface Water

CEA/mt

cc: Trumbull County Health Dept.

7004 1160 0001 5934 9404



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 CURRIE ELEMENTARY
 City, State, ZIP+4

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<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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Danelle Sorka</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery <i>Danelle Sorka</i> <i>3/20/08</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>LEE SEIPEL MATTHEWS LOCAL SCHOOLS CURRIE ELEMENTARY 4429 WARREN-SHARON ROAD VIENNA OH 44473</p>	<p>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.</p>
<p>2. Article Number 7004 1160 0001 5934 9404 (ALLEN 3/20/08) (Transfer from service label)</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>