



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director



1PT0010020110826

CHAMPAIGN URBANA LOCAL ELEM SCH

REYNOLDS, JOSEP 2011/08/26



**Environmental
Protection Agency**

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

August 26, 2011

Mr. Robert Huelsman
Urbana Local Elementary School
711 Wood Street
Urbana, Ohio 43078

**RE: Urbana Local Elementary Reconnaissance Inspection / Notice of Violation,
NPDES Permit No. 1PT00100*BD / OH0131831**

Dear Mr. Huelsman:

I am writing in follow-up to my August 23, 2011 Reconnaissance Inspection at, Urban Local Elementary School, 2468 State Route 54, Urbana Township, Champaign County. The inspection was conducted as part of the National Pollutant Discharge Elimination System (NPDES) permit compliance review for the school.

The inspection findings are included in the attached report. There are two items that require a written response. Please provide the requested information by the date's notes.

If you have any questions, please call me at (937) 285-6097.

Sincerely,

Joseph Reynolds
Division of Surface Water

Enclosure

cc: Champaign County Health Department



State of Ohio Environmental Protection Agency
Southwest District Office

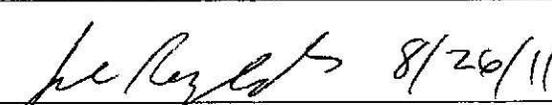
NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PT00100*BD	OH0131831	8/23/2011	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Urbana Local Elementary 2468 State Route 54 Urbana, Ohio 43078	10:15 AM	8/1/2007
	Exit Time	Permit Expiration Date
	10:40 AM	7/31/2012
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mike Reeves, Maintenance		
Name, Address and Title of Responsible Official	Phone Number	
Urbana City Schools 711 Wood Street Urbana, Ohio 43078	(937) 653 - 1402	

Section C: Areas Evaluated During Inspection			
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)			
<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Flow Measurement	<input checked="" type="checkbox"/> Pretreatment	
<input checked="" type="checkbox"/> Records/Reports	<input checked="" type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Compliance Schedule	
<input checked="" type="checkbox"/> Operations & Maintenance	<input checked="" type="checkbox"/> Effluent/Receiving Waters	<input checked="" type="checkbox"/> Self-Monitoring Program	
<input checked="" type="checkbox"/> Facility Site Review	<input checked="" type="checkbox"/> Sludge Storage/Disposal	<input checked="" type="checkbox"/> Other	
<input checked="" type="checkbox"/> Collection System			

Section D: Summary of Findings (Attach additional sheets if necessary)
See attached report.

Inspector	Reviewer
 Joe Reynolds Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
Date: 8/26/11	Date:

Inspection Findings

An inspection of the waste water treatment plant at Urbana Local Elementary was conducted on August 23, 2011. The inspection was conducted as part of the compliance review for the school.

NPDES permit number 1PT00100*BD was issued to Urbana City School District on June 25, 2007. This permit will expire on July 31, 2012. An NPDES permit renewal application will need to be submitted at least 6 months prior to the permit expiration date.

The waste water treatment system at the school includes: a trash trap, equalization tank, extended aeration tanks, dosing tanks, two slow surface sand filters, chlorination / dechlorination / post aeration, and sludge holding.

Preliminary treatment is provided by a trash trap. The trash trap is pumped out once per year.

From the trash trap flow enters the equalization tank. The equalization tank was being aerated at the time of the inspection. A percentage of the flow is sent forward to aeration, the remainder is returned to the equalization tank.

The aeration tanks had good mixing. The blower is operated on a timer. The mixed liquor was brown.

The final clarifier effluent was clear. Minor amounts of solids were rising in the tank. The sludge blanket was approximately two feet below the surface. There was a clear zone down to the blanket.

From the clarifiers flow enters the dosing tank. There are two tertiary dosing pumps. The pumps are activated by floats. Plant flows are estimated based upon pump run times which are recorded on totalizers.

There are two slow surface sand filters at the facility. Both filters were clear of solids and weeds. Only one filter is used at a time.

From the sand filters flow enters the chlorination / dechlorination / post aeration system. Tablet feed systems are used for both chlorinate and dechlorination. Tablets were present in both systems. However, the bottom of the chlorine feed tube was missing, allowing tablets to fall into the chlorine system housing. Also the post aeration blower was running but no air was being transferred to the system.

Inspection Findings (continued)

Between January 1, 2010 and June 30, 2011 the school reported the following final effluent limitations violations: Suspended Solids (3), Ammonia (3), and CBOD5 (3).

Items Requiring a Response

1. In order to insure that final effluent dissolved oxygen limits are met, the post aeration blow will need to be repaired. Written verification as to the date of this repair must be provided by no later than September 30, 2011.
2. The chlorine feed tube must be repaired in order to insure proper dosing of chlorine is occurring. Written verification as to the date this repair was made must be provided by no later than September 30, 2011.