NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0GS00043*AG	OHS000003	March 20, 2012	CEI	S	1

B. FACILITY DATA

Name & Location of Facility Inspected	Entry Time	Permit Effective Date
Pleasant Hill School 129 School Street Steubenville, Ohio 43952	1:20 p.m.	September 1, 2011
	Exit Time	**Permit Expiration Date**
	1:30 p.m.	December 31, 2014

Name(s) & Title(s) of On-Site Representative(s)	Phone Number(s)
Joe Debold Jim Zorbini	(740) 282-0065
Name, Address, & Title of Responsible Official	**Phone Number**
Edison Local School District	

C. AREAS EVALUATED DURING INSPECTION

S	Permit	U	Flow Measurement	N/A	Pretreatment
U	Records/Reports	U	Laboratory	N/A	Compliance Schedules
U	Operations & Maintenance	S	Effluent/Receiving Waters	U	Self-Monitoring Program
U	Facility Site Review	S	Sludge Storage/Disposal		Other
S	Collection System				

(S = Satisfactory; M = Marginal; U = Unsatisfactory; N = Not Evaluated; N/A = Not Applicable)

D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

The existing facility was issued the permit with effective date of September 1, 2011. There have not been any Discharge monitoring reports received to date. The plant appeared to be an extended aeration system. There were no sand filters, chlorination or dechlorination noted. The Return Activated Sludge was off when we arrived. Please see attached cover letter.

Aaron M. Pennington, Inspector, Ohio EPA, Southeast District Office — Date: 5-1-12

Jennifer M. Witte

Jennifer M. Witte, Reviewer, Ohio EPA, Southeast District Office — Date: 5/1/12

Ohio Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

May 1, 2012

Re: Jefferson County
Edison Local Schools
Compliance Evaluation Inspection
Correspondence (PWW)

Edison Local Schools
14890 State Route 213
Hammondsville, Ohio 43930

Dear Edison Local Schools:

On March 20, 2012, I conducted compliance evaluation inspections at the school district's various wastewater treatment plants. Joe Debold and Jim Zorbini represented the school district during the inspection. We visited five facilities:

Stanton Elementary (0GS00040*AG)
Springfield Middle School (0GS00039*AG)
John Gregg Elementary School (0GS00041*AG)
Pleasant Hill School (0GS00039*AG)
Edison High School (0GS00042*AG)

There has not been any Discharge Monitoring Reports submitted to date which is a violation of the permit(s). The NPDES permits require that a Discharge Monitoring Report (DMR) be submitted each month per facility. This may be done by hard copy via mail or by e-mail. For e-DMR, the person signing and submitting the DMR will need to obtain an eBusiness Center account and Personal Identification Number (PIN). Additionally, Delegated Responsible Officials must be delegated by the Responsible Official, either on-line using the eBusiness Center's delegation function, or on a paper delegation form provided by Ohio EPA. For more information on the PIN and delegation processes, please view the following web page:

http://www.epa.ohio.gov/dsw/edmr/eDMRpin.aspx
You may also call Jamie Roberts at (614) 644-2054

From rough estimates, it appeared that both Edison High School and John Gregg Elementary are sized for flows larger than 5,000 gpd, thus they should be reported under table 001. Stanton Elementary and Pleasant Hill School appeared to be slightly under 5000 gpd, and would fit in the category for reporting under table 003. The 588 table is for reporting sludge hauled from the facility to be disposed of at another Publicly Owned Treatment Works (POTW).

Southeast District Office
2195 Front Street
Logan, OH 43138-8637

740 | 385 8501
740 | 385 6490 (fax)
www.epa.ohio.gov

Each facility is categorized as a Wastewater Treatment Plant requiring a class A operator with minimum staffing hours: 2 days per week for a minimum of 1 hour per week.

The following are summaries of notes of the various plants:

Stanton Elementary: The effluent contained a light sheen and some suspended solids. The plant appeared to be roughly a 4000 gpd extended aeration with steel tanks. There is only one blower with no timer, Additionally, there is no tertiary treatment nor chlorine or dechlorination.

Springfield Middle School: The school is closed. The wastewater system appeared to be a large concrete septic tank with sand filters. I was told that a Notice of Termination of the permit was submitted to Ohio EPA dated November 29, 2011.

John Gregg Elementary School: The plant appeared to be a two train extended aeration system roughly with trash trap, dosing pump station to sand filter, and a chlorine tablet feeder. No dechlorination was noted. This system used concrete tanks and was perhaps sized 10,000 gpd per train. One train was appropriately in standby.

Pleasant Hill School: The plant appeared to be an extended aeration system with steel tanks perhaps slightly smaller than 5000 gpd. There were no sand filters, chlorination or dechlorination noted. The Return Activated Sludge airlift was off when we arrived.

Edison High School: The plant appeared to be an extended aeration system with metal tanks sized approximately for 8000 gpd. There were no sand filters, chlorination or dechlorination noted. One of the two Return Activated Sludge airlifts was off when we arrived.

In order to meet the limits in the existing permits (specifically Stanton, Pleasant Hill and Edison High), improvement project(s) may be necessary. Adding tertiary filters or perhaps replacing the air lift pumps for the return activated sludge should be investigated. An adjustable RAS flow may help develop better settling solids improving effluent TSS. A modification often made to similar plants is to install Geyser air lift pumps. See http://airliftpump.com/index.htm

Disinfection is often achieved using chlorine tablet feeders with similar sized facilities. A subsequent dechlorination tablet feeder will also be used in order to meet the Total Residual Chlorine limit in the permit.

Please Respond in writing by June 1, 2012, to acknowledge that the school district has been able to submit the DMR and meet the requirements for a certified operator. You may e-mail, if preferred to aaron.pennington@epa.state.oh.us.

A copy of the inspection report is enclosed. The assistance and cooperation received during the inspection was appreciated. If you have any questions, please feel free to contact me at (740) 380-5272.

Sincerely,

Aaron Pennington
District Representative
Division of Surface Water

AMP/dh

Enclosure