



**Environmental
Protection Agency**

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



1PT0006620110225

CHAMPAIGN WEST LIBERTY SALEM SCHOOL

REYNOLDS, JOSEP 2011/02/25



Environmental
Protection Agency

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

February 28, 2011

Mr. Kraig Hissong, Superintendent
West Liberty Salem Schools
7208 North Route 68
West Liberty, Ohio 43357

RE: ~~West Liberty Salem School~~ Notice of Violation / Compliance Evaluation
Inspection, NPDES Permit No. 1PT00066*BD/OH0096601

Dear Mr. Hissong:

On February 22, 2011 Joe Reynolds inspected the West Liberty Salem Schools waste water treatment plant, 7208 North Route 68, Salem Township, Champaign County. The inspection was conducted as part of a compliance review of the plant with respect to the terms and conditions of the National Pollutant Discharge Elimination System (NPDES) permit issued to the School.

The findings from this inspection are included in the attached report. The Ohio EPA recommends the schools begin to budget for a separate post aeration blower in order to ensure compliance is maintained with final effluent dissolved oxygen limits. No later than April 18, 2011 please submit a schedule by which a new blower will be installed.

A review of final effluent data from January, 2009 through December, 2010 revealed the following effluent limits violations: (2) suspend solids, (2) dissolved oxygen, (2) fecal coliform, (1) CBOD5, and (1) pH violation. Written responses have been provided. No additional information is needed at this time.

If you have any questions regarding the report, you may contact Joe Reynolds at (937) 285-6097.

Sincerely,

Martyn G. Burt
Division of Surface Water

Enclosure

cc: Bob Harrison, Operator of Record
Kelvin Wilkins, Maintenance



Permit #: 1PT00066*BD
 NPDES #: OH0096601

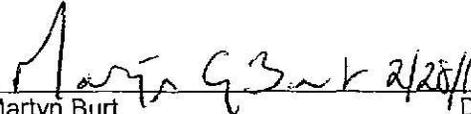


State of Ohio Environmental Protection Agency
 Southwest District Office

NPDES Compliance Inspection Report
 Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PT00066*BD	OH0096601	2/22/2011	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
West Liberty Salem Schools 7208 North Route 68 West Liberty, Ohio 43357	12:45 PM	5/1/2006
	Exit Time	Permit Expiration Date
	2:10 PM	4/30/2011
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Bob Harrison, Operator of Record Kelvin Wilkins, Maintenance	(937) 844 - 8549	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Bob Harrison		
Name, Address and Title of Responsible Official	Phone Number	
Kraig Hissong, Superintendent 7208 North Route 68 West Liberty, Ohio 43357		

Ohio EPA Inspector	Ohio EPA Reviewer
 Joe Reynolds Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
Date: 2/28/11	Date: 2/28/11

Permit #: 1PT00066*BD
 NPDES #: OH0096601

Average Daily Design Flow:	21,000 Gallons/Day
Plant Serves:	West Liberty Salem School
Average Daily Flow: (Period of Review):	Gallons/Day (Jan. thru. Dec., 2010) 10,000 gpd
Method of flow monitoring:	Sonic meter and weir
Type of alarms for plant:	Audio and visual

Pretreatment

Type of Pretreatment: None
 Does the Trash Trap need pumped: NA
 Maintenance of pretreatment components is: NE

Comments/Status:

Secondary Treatment (Aeration)

Color of sludge: Brown
 Quality of Sludge: Thick
 Foam: Brown
 Odor: Mild musty

	Yes	No		Yes	No
Aeration is taking place	X	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	X
Blowers are operating	X	<input type="checkbox"/>	Blowers are on a timer	X	<input type="checkbox"/>
Skimmers are operating	X	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	X
Diffusers are operating	X	<input type="checkbox"/>	Grating is present	X	<input type="checkbox"/>
Sludge return is operating	X	<input type="checkbox"/>			

Maintenance of aerating equipment is... Good

Comments/Status:

Secondary Treatment (Settling)

Clarity: Clear
 Condition of Weir: Some solids behind
 Weir is level: Yes

Permit # : 1PT00066*BD
NPDES #: OH0096601

Effluent in weir: **Clear**
Clarifier walls need scraped: **No**

Overall maintenance of settling components is: **Good**

Comments/Status:

The operators log book should include information noted in OAC 3745-7-09 (see attached)

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Distribution box operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Beds raked	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Overall maintenance of components is: **Good**

Comments/Status:

Sludge Handling/Storage Disposal

Hauler name:

Disposal Site: City of Urbana WWTP

Sludge wasted from: Sludge Holding Tank

How often is sludge wasted: 3 times per year.

Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:

Plant Discharge

Discharge point is a: Pipe

Name of discharge point: Macochee Creek

Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:

Permit # : 1PT00066*BD
 NPDES #: OH0096601

EFFLUENT LIMIT VIOLATIONS
 (Period of Review: Jan., 2009 – Dec., 2010)

7D = Weekly (Kg/Day) 30D = Monthly 1D = Daily Conc. = Concentration (mg/l) Qty.= Quantity

<u>Month Reported</u>	<u>Parameter</u>	<u>Frequency / Units</u>	<u>Limit</u>	<u>Value</u>
July 2009	Suspended Solids	7D Conc	12.0	30
July 2009	Suspended Solids	30D Conc	8.0	13
July 2009	CBOD5	7D Conc	8.0	12
July 2009	Dissolved Oxygen	1D Conc	7.0	6.0
Aug. 2009	Fecal Coliform	7D Conc	2000	2700
Mar. 2010	Dissolved Oxygen	1D Conc	7.0	6.6
Mar. 2010	pH	1D Conc	6.5	6.2
May 2010	Dissolved Oxygen	1D Conc	7.0	6.7
May 2010	Fecal Coliform	7D Conc	2000	2400

3745-7-09

Recordkeeping requirements and responsibilities of a certified operator.

- (A) The owner and operator of record of a public water system, treatment works or sewerage system shall maintain or cause to be maintained operation and maintenance records for each public water system, water treatment plant within a public water system, treatment works, or wastewater treatment facility within a treatment works. Some of the formats in which the records may be maintained include, but are not limited to, hard bound books with consecutive page numbering, time cards, separate operation and maintenance records, or well organized computer logs.
- (1) The records shall be housed and maintained in such a manner as to be protected from weather damage and guarantee the authenticity and accuracy of the records contained within.
 - (2) The records shall be accessible onsite for twenty-four hour inspection by agency or emergency response personnel.
 - (3) At a minimum, the following information shall be recorded:
 - (a) Identification of the public water system, sewerage system, or treatment works;
 - (b) Date and times of arrival and departure for the operator of record and any other operator required by this chapter;
 - (c) Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced;
 - (d) Results of tests performed and samples taken, unless documented on a laboratory sheet;
 - (e) Performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced; and
 - (f) Identification of the persons making entries.
 - (4) The records shall be kept up to date, contain a minimum of the previous three months of data at all times, and be maintained for at least three years.

(B) A certified operator shall:

- (1) Perform their duties in a responsible and professional manner consistent with standard operating procedures and best management practices;
- (2) Operate and maintain public water systems, sewerage systems, treatment works, and appurtenances so as not to endanger the health or safety of persons working in or around the facility, the public at large, or the environment due to negligence or incompetence; and
- (3) Report all instances of noncompliance with applicable regulations to the operator of record or facility supervisor.

(C) The duties of an operator of record shall include, but not be limited to, those outlined in paragraphs (B)(1) to (B)(3) of this rule and the following additional duties and responsibilities:

- (1) Responsible and effective on site management and supervision of the technical operation of the public water system, treatment works, or sewerage system;
- (2) Immediately notifying the permittee or owner of a public water system, sewerage system, or treatment works, and ensuring the agency and, if applicable, the local regulatory agency, is notified of items that require notification in accordance with sections 6109. or 6111. of the Revised Code, the rules adopted thereunder, or the facility's NPDES permit; and

(D) In the event that there are issues related to paragraphs (A) to (C) of this rule that are within the area of responsibility of, but beyond an operator of record or a certified operator's ability to address, it shall be the operator's responsibility to document any efforts to rectify the problem.

Effective: 12/21/2006

R.C. 119.032 review dates: 12/21/2011

Promulgated Under: 119.03

Statutory Authority: RC Sections 6111.46, 6109.04

Rule Amplifies: RC Sections 6111.46, 6109.04