



**Environmental
Protection Agency**

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



1PT0009920110824

CHAMPAIGN TRIAD LOCAL SCH WWTP

REYNOLDS, JOSEP 2011/08/24



**Environmental
Protection Agency**

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

August 24, 2011

Triad Local School, Board of Education
7920 Brush Lake Road
North Lewisburg, Ohio 43060

**RE: Triad Local School Compliance Evaluation Inspection, NPDES Permit No.
1PT00099 / OH0127574**

Dear Board Members:

I am writing in follow-up to my August 23, 2011 Compliance Evaluation Inspection at, Triad Local School, 7920 Brush Lake Road, Rush Township, Champaign County. The inspection was conducted as part of the National Pollutant Discharge Elimination System (NPDES) permit renewal process. An NPDES renewal application must be submitted 6 months prior to the permit expiration date March 31, 2012. I understand an application has been prepared and is awaiting final submittal.

The inspection findings are included in the attached report. There are no items that require a written response.

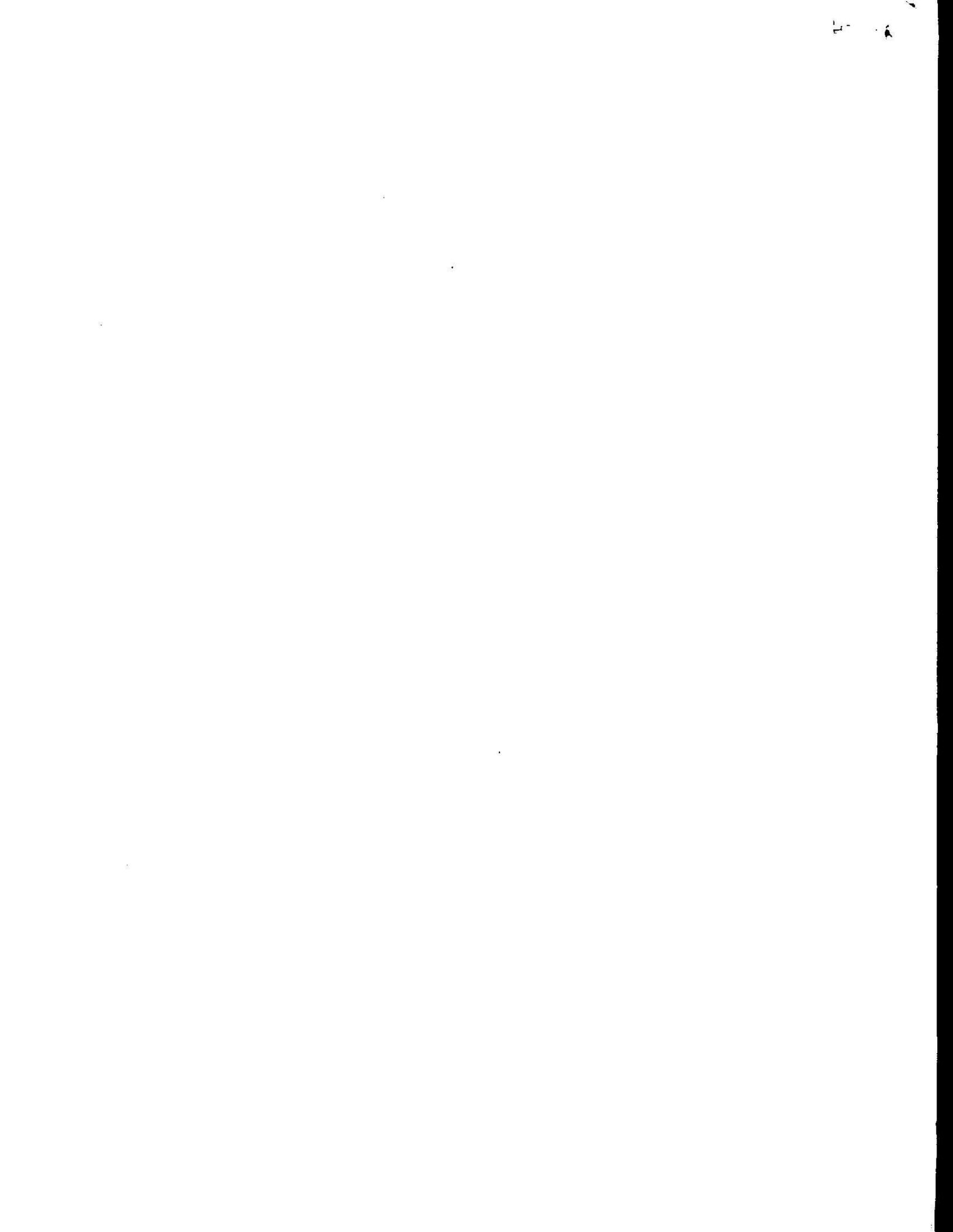
If you have any questions, please call me at (937) 285-6097.

Sincerely,

Joseph Reynolds
Division of Surface Water

Enclosure

cc: Champaign County Health Department
John Kincaid, Kincaid Waste Water Service



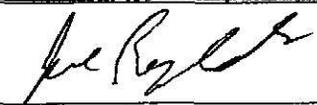


State of Ohio Environmental Protection Agency
Southwest District Office

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
1PT00099*BD	OH0127574	8/23/2011	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Triad Local School Board of Education 7920 Brush Lake Road North Lewisburg, Ohio 43060	12:30PM	4/1/2007
	Exit Time	Permit Expiration Date
	1:25PM	3/31/2012
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Matt Alexander, Building and Grounds Sup.	(937) 826 - 4961	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
John Kincaid, Operator of Record 1101 Adare Road Marion, Ohio 43302 - 6807	(740) 386 - 3768	
Name, Address and Title of Responsible Official	Phone Number	
Triad Local School Board of Education 7920 Brush Lake Road North Lewisburg, Ohio 43060	(937) 826 - 4961	

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
8/24/11 Date	Date

Average Daily Design Flow:	20,000 Gallons/Day
Plant Serves:	1,145 students and staff
Average Daily Flow: (Period of Review):	Gallons/Day (10,400) Jan., 2010 – June, 2011
Method of flow monitoring:	Tertiary dosing pumps
Type of alarms for plant:	Audio alarm

Pretreatment

Type of Pretreatment: Trash Trap
 Does the Trash Trap need pumped: No
 Maintenance of pretreatment components is: Good

Comments/Status:

From the trash trap flow is equalized (11,700 gallons). The equalization blower was down for repairs. One blower is normally dedicated to equalization.

**Secondary Treatment
(Aeration)**

Color of sludge: Brown
 Quality of Sludge: light to moderate
 Foam: Minor white
 Odor: No objectionable

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

Maintenance of aerating equipment is...Good.

Comments/Status:

There are three aeration blowers (two smaller (33 URAI) and one larger (45 URAI)). Normally the two smaller blowers are used to provide aeration.

**Secondary Treatment
(Settling)**

Clarity: Clear
 Condition of Weir: Good, Cl2 tablets added at eff. Trough.
 Weir is level: Yes
 Effluent in weir: Clear
 Clarifier walls need scraped: No

Overall maintenance of settling components is: Good

Comments/Status:

Some floating grease noted on the surface of the clarifier.

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 checked="" type="checkbox"/>	<input 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:

There are 4 tertiary filters. All were raked and free of weeds. Dechlorination tablets were added to system during the inspection. Tablets are added once a week.

Sludge Handling/Storage Disposal

Hauler name: John Kincaid
 Disposal Site: Marion WWTP
 Sludge wasted from: Sludge holding & trash trap
 How often is sludge wasted: 1 to 2 times per year.
 Sludge drying beds: No Sludge holding tank: Yes

Overall maintenance of components is: Good

Comments/Status:

Record Keeping/Operator of Record

- (a) Wastewater Treatment Works classification (OAC 3745-7)..... I
- (b) Operator of Record holds unexpired license of class required by Permit..... Y
- (c) Copy of certificate of Operator of Record displayed on-site..... N
- (d) Has the Operator of Record submitted an ORC Notification form.. N
- (e) Minimum operator staffing requirements fulfilled (OAC 3745-7).... Y
- (f) If a Staffing Reduction plan has been approved, are the stipulations of the plan being met..... N/A
- (g) Operator of Record log book provided..... Y
- (h) Format of log book (e.g. computer log, hard bound book)

Hard bound book.
- (i) Log book kept onsite (in an area protected from weather)..... Y
- (j) Log book contains the following:
 - I. Identification of treatment works..... Y
 - II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7..... Y
 - i. Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.)..... Y
 - ii. Laboratory results (unless documented on bench sheets)... Y
 - iii. Identification of person making entries..... Y
- (k) Has the Operator of Record submitted written notifications to the permittee, Ohio EPA and, if applicable, any local environmental agencies when a collection system overflow, treatment plant bypass or effluent limit violation has occurred..... N/A

Comments/Status:

Plant Discharge

Discharge point is a: Tile
Name of discharge point: Unnamed trib. Brush Lake.
Discharge is visible: No Quality of Effluent: NE

Comments/Status:

Permit # : 1PT00099*BD
NPDES # : OH0127574

EFFLUENT LIMIT VIOLATIONS
(Period of Review: 1/1/2010-7/1/2011)

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

<u>Month</u> <u>Reported</u>	<u>Parameter</u>	<u>Frequency / Units</u>	<u>Limit</u>	<u>Value</u>
February 2010	Nitrogen, Ammonia (NH3)	7D Conc	4.5	15.2
February 2010	Nitrogen, Ammonia (NH3)	7D Conc	4.5	14.1
February 2010	Nitrogen, Ammonia (NH3)	7D Qty	0.34	.524
February 2010	Nitrogen, Ammonia (NH3)	7D Qty	0.34	.476
February 2010	Nitrogen, Ammonia (NH3)	30D Conc	3.0	9.8
February 2010	Nitrogen, Ammonia (NH3)	30D Qty	0.23	.334

