



**Environmental
Protection Agency**

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



1PT0009520071024

DARKE MISSISSINAWA VALLEY LOCAL SCH DIST OFFICE | REYNOLDS, JOSEP , 2007/10/24



State of Ohio Environmental Protection Agency

Southwest District Office

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

October 23, 2007

Mr. Joe Scholler, Superintendent
Mississinawa Valley Local School District
1469 State Route 47
Union City, Ohio 45390

RE: WASTE WATER TREATMENT PLANT RECONNAISSANCE INSPECTION AND
NOTICE OF VIOLATION.

Dear Mr. Scholler:

On September 11, 2007 Mr. Joseph Reynolds of this office inspected the waste water treatment plant at the Mississinawa Valley Local School District located at 1469 State Route 47, Union City, Ohio. The inspection was performed as part of the National Pollutant Discharge Elimination System (NPDES) permit renewal process. The inspection report is attached.

Review of monthly operating report data for the period of January, 2006 through August, 2007 revealed the following final effluent numeric violations: Fecal Coliform (1 violation), pH (1 violation), and Chlorine Residual (5 violations). The Records/Reporting section of the report was rated marginal due to the fact the school has failed to provide notification of final effluent violations in accordance with Part III Item 12, "Noncompliance Notification", of the NPDES permit.

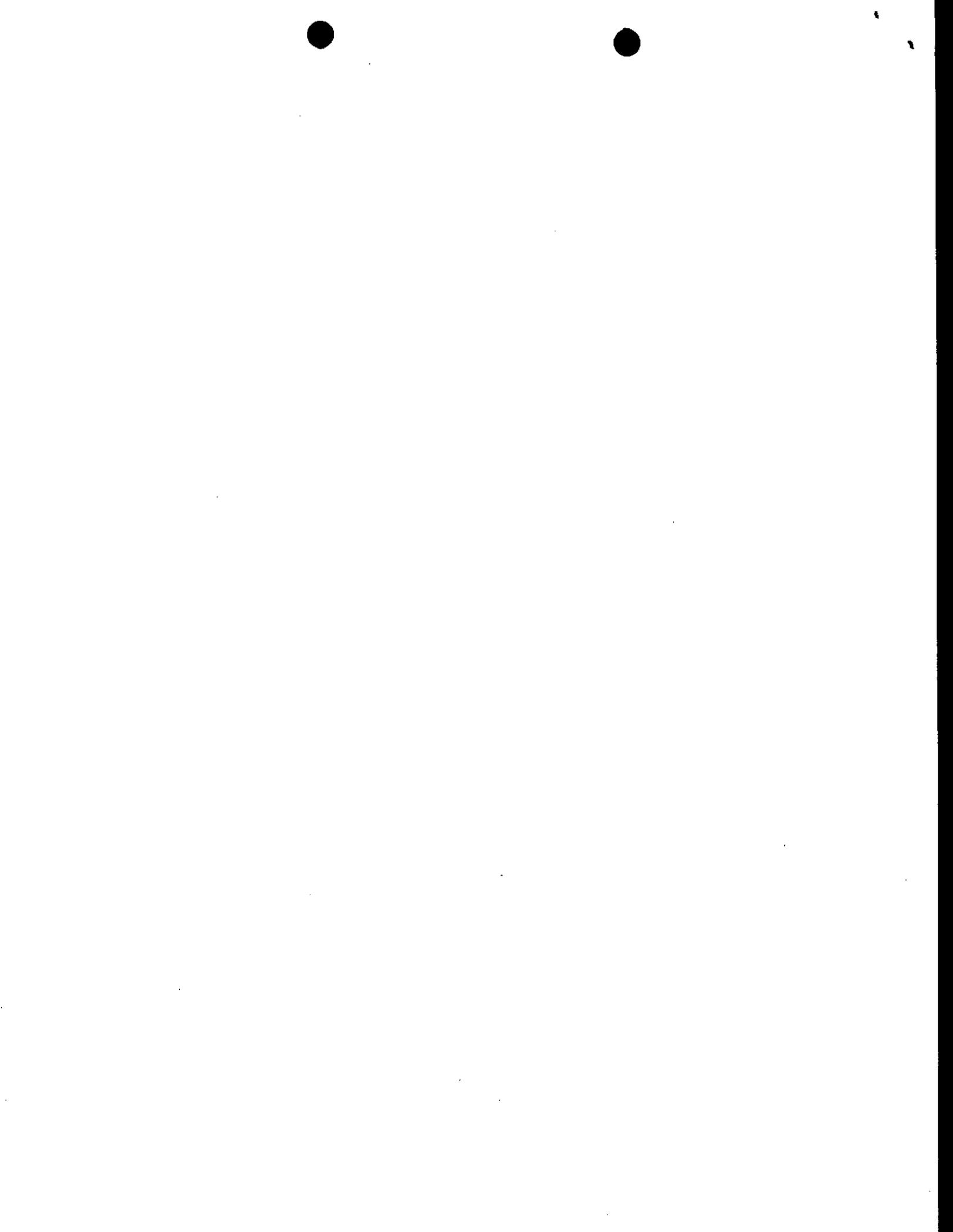
The report contains one item that requires a response. A written response must be provided by the date noted. If you have any questions, please feel free to contact Mr. Reynolds at (937) 285 - 6097.

Sincerely,

- Martyn Burt, Environmental Supervisor
Division of Surface Water, SWDO

Enclosure

cc: Ron Stiver, Mississinawa Schools
Richard Yount, Mississinawa Schools
Michael Niekamp, Operator





State of Ohio Environmental Protection Agency
Southwest District Office

NPDES Compliance Inspection Report

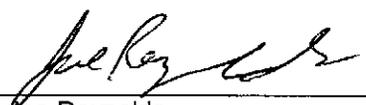
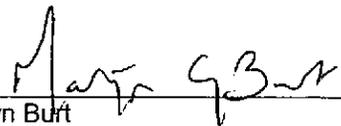
Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PT00095*AD	OH0127434	9/11/2007	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Mississinawa Schools 1469 State Route 47 Union City, Ohio 45390	9:30 AM	11/1/2001
	Exit Time	Permit Expiration Date
	10:30 AM	10/31/2006
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Ron Stiver, Operations Richard Yount	(937) 968 - 4236	
Name, Address and Title of Responsible Official	Phone Number	
Joe Scholler, Superintendent Mississinawa Valley Local School District 1469 State Route 47 Union City, Ohio 45390	(937) 968 - 5656	

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

Section D: Summary of Findings (Attach additional sheets if necessary)

See attached report.

Inspector	Reviewer
 10/23/07	 10/24/07
Joe Reynolds Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office



7

Mississinawa Schools Reconnaissance Inspection Findings

The Mississinawa Schools operate a K through 12 facility located at 1469 State Route 47. The facility is sized to serve a total of 817 students and staff.

On February 23, 2001 Permit to Install number 05 – 11251 was issued for a new 19,820 gpd waste water treatment system. The package waste water system is sized to serve the new school.

The new waste water system consist of a trash trap, equalization tank (8118 gallons), extended aeration (19,820 gallons), Clarification, slow surface sand filters (two, 25' x 25' filters), chlorination/dechlorination, and sludge holding.

The trash trap is pumped three times per year.

The equalization pumps are manually alternated every 3 to 4 months. Aeration is provided by a separate dedicated blower.

The aeration tank mixed liquor was chocolate brown. The tank was being mixed uniformly.

The clarifier had a minor amount of solids (ashing) on the surface. The final effluent was clear.

The tertiary dosing station has two pumps in it. The pumps are set to automatically alternate.

Plant flows are estimated based upon water usage records.

The tertiary filters were clean. No weeds or solids were noted on their surface.

Chlorine tablets were noted in the disinfection system.

The post aeration system was working. Dechlorination tablets were located in the system.

The final effluent discharges to a field tile.

Michael NieKamp serves as the certified operator (Class 1, (419) 678 – 4129).



Mississinawa Schools Reconnaissance Inspection Findings (cont.)

On December 21, 2006 new operator rules (Ohio Administrative Code 3745 – 7, Operator Certification for Public Water Systems and Waste Water Treatment Works) went into effect for all waste water treatment systems in the state of Ohio. These rules define plant classification and minimum staffing levels associated with the designated classification. In accordance with the new rules the Mississinawa Schools waste water treatment system will be classified as a Class A waste water treatment plant. Beginning with the first renewal permit, after December 21, 2008, Mississinawa Schools must meet the minimum staffing level (Class A operator on-site, 2 days per week for a minimum of 1.0 hours per week) in the new rule. In addition to the minimum staffing OAC 3745 – 7 – 09 establishes minimum record keeping requirements (see attached). These records are required to be maintained on site beginning December 21, 2006.

On the inspection report Section C, Permit was rated Marginal due to the fact the NPDES renewal form was not submitted within 180 days of the permit expiration date.

Between January 2006 and May 2007 Mississinawa Schools reported the following final effluent numeric limits violations: Fecal Coliform 1 violation, Chlorine Residual 5 violations, and pH 1 violation.

Item Requiring a Response

A totalizer must be added to the tertiary filter dosing system in order to provide accurate flow estimates. The flow totalizer must be installed by no later than December 31, 2007. Written verification, as to completion of this installation must be submitted to the district office by no later than January 7, 2008.

