



State of Ohio Environmental Protection Agency

**Northwest District Office**

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

RE: Marion County  
LaRue WWTP  
NPDES Permit

February 28, 2008

Mayor and Council  
Village of LaRue  
Municipal Building  
P.O. Box 33  
LaRue, Ohio 43332

Dear Mayor and Council:

On October 18, 2007, Jason Ko conducted a compliance inspection at your wastewater treatment plant. The facility is a 3-cell lagoon system located at the northeast corner of the intersection of Dry Lane Road and the CSX Railroad, just east of the Village. Mr. Craig Woodrum was present and provided information on the operation of the plant.

At the time of the inspection, two facultative lagoons and a polishing lagoon were in service. The facultative lagoons are operated in parallel and the water in both lagoons had a greenish tint. The polishing lagoon was discharging a clear but slightly green effluent. We did not collect plant effluent samples to determine the water quality of the discharge during the visit.

Your National Pollutants Discharge Elimination System (NPDES) permit (2PA00051) became effective on August 1, 2003 and will expire on July 31, 2008. We received a renewal NPDES permit application on January 25, 2008.

Our review of your self-monitoring reports (1/1/2006 to 9/30/2007) for this plant showed numerous effluent violations. Please refer to the enclosed violation table. A copy of our completed inspection report is also included for your records. Please call Mr. Jason Ko at 419-373-3021 if you have any questions.

Yours truly,

Allen L. Rupp, PE  
District Engineer/Section Manager  
Division of Surface Water

/lb

pc: Roger Dietrich, Marion County  
NWDO file

## NPDES COMPLIANCE INSPECTION REPORT

### Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
<u>2PA00051</u>	<u>OH0053180</u>	<u>2007/10/18</u>	<u>C</u>	<u>S</u>	<u>P</u>

### Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of LaRue WWTP Dry Lane Road LaRue, OH 43332	10:00 A.M.	8/1/2003
	Exit Time	Permit Expiration Date
	10:30 A.M.	7/31/2008

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mr. Craig Woodrum, Plant Operator	740-389-1526

Name, Address and Title of Responsible Official	Phone Number
Mayor & Council Members Village of LaRue P O Box 33 LaRue, Ohio 43332	(419)-499-3333

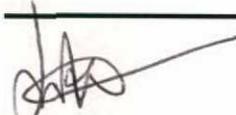
### Section C: Areas Evaluated During Inspection

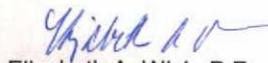
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

<u>S</u> Permit	<u>S</u> Flow Measurement	<u>--</u> Pretreatment
<u>S</u> Records/Reports	<u>--</u> Laboratory	<u>--</u> Compliance Schedules
<u>S</u> Operations & Maintenance	<u>S</u> Effluent/Receiving Waters	<u>S</u> Self-Monitoring Program
<u>S</u> Facility Site Review	<u>--</u> Sludge Storage/Disposal	<u>--</u> Other

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

- \* The discharge from the polishing lagoon had a greenish appearance
- \* The NPDES permit will expire 7/31/2008
- \* Cursory review of your self-monitoring reports (1/06 to 9/07) indicated a numerous effluent violations

  
Jason Ko, Ohio EPA, Northwest  
 Name(s) and Signature(s) of Inspector(s) Date District Office

  
Elizabeth A. Wick, P.E., Ohio EPA, Northwest  
 Name and Signature of Reviewer Date District Office

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS

RATING CODES: S = Satisfactory; U = Unsatisfactory; M = Marginal; IN = In Operation; OUT = Out of Operation

CONDITION OR APPEARANCE		RATING	COMMENTS
General	Grounds	S	
	Buildings	---	
	Potable Water Supply Protection	---	
	Safety Features	S	Fenced
	Bypasses	---	
	Stormwater Overflows	---	
	Alternate Power Source	---	
Preliminary	Maintenance of Collection Systems	N/E	
	Pump Station	IN	
	Ventilation	---	
	Bar Screen	---	
	Disposal of Screenings	---	
	Comminutor	---	
	Grit Chamber	---	
	Disposal of Grit	---	
	Equalization Basin	---	
Primary	Settling Tanks	---	
	Scum Removal	---	
	Sludge Removal	---	
	Effluent	---	
Sludge Disposal	Digesters (Aerobic)	---	
	Temperature and pH	---	
	Gas Production	---	
	Heating Equipment	---	
	Sludge Pumps	---	
	Drying Beds	---	
	Vacuum Filter	---	
	Disposal of Sludge	---	
Other	Flow Meter and Recorder	IN	At the influent pumps with timer
	Records	S	
	Lab Controls	---	
	Chemical Treatment	---	
Secondary-Tertiary List items as	Lagoon #1	IN	Facultative; greenish gray
	Lagoon #2	IN	Facultative; greenish
	Polishing Lagoon	IN	Greenish
Disinfection	Effluent	S	Greenish
	Disinfection System	---	
	Effective Dosage	---	
	Contact Time	---	
	Contact Tank	---	
	Dechlorination	---	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PA00051*CD	May 2006	001	80082	CBOD 5 day	30D Conc	25	33.3	5/1/2006
2PA00051*CD	September 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	1.04	9/7/2006
2PA00051*CD	September 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	1.06	9/14/2006
2PA00051*CD	September 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	2.04	9/21/2006
2PA00051*CD	October 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	4.6	10/5/2006
2PA00051*CD	July 2006	001	00400	pH	1D Conc	9.0	9.4	7/27/2006
2PA00051*CD	August 2006	001	00400	pH	1D Conc	9.0	9.44	8/3/2006
2PA00051*CD	August 2006	001	00400	pH	1D Conc	9.0	9.21	8/10/2006
2PA00051*CD	August 2006	001	00400	pH	1D Conc	9.0	9.03	8/24/2006
2PA00051*CD	August 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	3.58	8/24/2006
2PA00051*CD	June 2006	001	80082	CBOD 5 day	30D Conc	25	25.025	6/1/2006
2PA00051*CD	June 2006	001	00400	pH	1D Conc	9.0	9.18	6/29/2006
2PA00051*CD	June 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	3.46	6/1/2006
2PA00051*CD	June 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	2.75	6/8/2006
2PA00051*CD	June 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	3.3	6/15/2006
2PA00051*CD	June 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	4.02	6/22/2006
2PA00051*CD	June 2006	001	00300	Dissolved Oxygen	1D Conc	5.0	2.07	6/29/2006
2PA00051*CD	April 2007	001	80082	CBOD 5 day	30D Conc	25	25.65	4/1/2007
2PA00051*CD	September 2007	001	00530	Total Suspended Solids	30D Conc	65	71.	9/1/2007
2PA00051*CD	September 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	3.23	9/6/2007
2PA00051*CD	September 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	3.41	9/13/2007
2PA00051*CD	September 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	1.81	9/20/2007
2PA00051*CD	September 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	2.91	9/27/2007
2PA00051*CD	July 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	3.01	7/5/2007
2PA00051*CD	July 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	4.07	7/12/2007
2PA00051*CD	July 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	2.71	7/19/2007
2PA00051*CD	June 2007	001	00530	Total Suspended Solids	30D Conc	65	65.5	6/1/2007
2PA00051*CD	June 2007	001	00400	pH	1D Conc	9.0	9.03	6/21/2007
2PA00051*CD	June 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	3.39	6/14/2007
2PA00051*CD	June 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	3.67	6/28/2007
2PA00051*CD	August 2007	001	00400	pH	1D Conc	9.0	9.05	8/2/2007
2PA00051*CD	August 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	3.83	8/2/2007
2PA00051*CD	August 2007	001	00300	Dissolved Oxygen	1D Conc	5.0	2.06	8/9/2007

2PA00051\*CD August 2007

001

00300

Dissolved Oxygen

1D Conc

5.0

2.03

8/23/2007