



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

Re: Crawford County  
 Linlare Village  
 NPDES Permit

October 4, 2013

Mr. R. Lyn Makeever  
 Crawford County Sanitary Engineer  
 112 East Mansfield Street  
 Bucyrus, Ohio 44820

Dear Mr. Makeever:

On September 19, 2013, an inspection was made of the wastewater treatment facilities serving Linlare Village. Our observations and recommendations are below.

The water in the equalization tank was light in color and was not receiving adequate air. It appeared that it may have a broken air line. The aeration tanks had a healthy brown color and were receiving an adequate amount of air. The sludge return was in operation, but was returning clear water. The clarifier was operating well, but there was some sludge and plant growth in the trough. The sand filters were in good condition. The UV system was in and operational.

A review of your discharge monitoring reports from July 2013 through August 2013 indicates the following violations of the terms and conditions of your National Pollutant Discharge Elimination System (NPDES) permit.

Violation Date	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value
7/1/2013	001	31648	E. coli	30D Conc	161	579.
7/15/2013	001	00300	Dissolved Oxygen	1D Conc	5.0	4.5
7/22/2013	001	31648	E. coli	7D Conc	362	579.
8/1/2013	001	80082	CBOD 5 day	30D Conc	10.0	11.
8/6/2013	001	00300	Dissolved Oxygen	1D Conc	5.0	3.8
8/12/2013	001	00300	Dissolved Oxygen	1D Conc	5.0	3.8
8/19/2013	001	00300	Dissolved Oxygen	1D Conc	5.0	4.
8/26/2013	001	00300	Dissolved Oxygen	1D Conc	5.0	4.5

Mr. R. Lyn Makeever  
October 4, 2013  
Page Two

We were unable to find the operation and maintenance log book onsite. You are reminded that the log book must be kept onsite. Also, it was noted that the locks were off of the grates. These locks should be replaced to maintain proper safety at the plant.

Please notify us in writing, within 14 days of receipt of this letter, indicating the reasons for these violations, where the log book is being kept onsite and a plan to ensure plant safety.

Our completed inspection report is enclosed for your records. If you have any questions, please call me at 419-373-3019.

Sincerely,



Michelle Mix  
Environmental Specialist II  
Division of Surface Water

/jlm

Enclosure

pc: Crawford County Health Department

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY  
 OPERATION AND MAINTENANCE INSPECTION  
 WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PG00089

Facility Name Linkare Village Expiration Date 1-31-18

Facility Location 3225 Parcher Rd Date 9-19-13 Time 11:20 am pm

City Bucyrus County Crawford Township \_\_\_\_\_

Name of Owner Crawford Co Commissioners Owner Phone \_\_\_\_\_

Person Contacted - Owner Email \_\_\_\_\_

Operator of Record R Lyn Makeever Operator Email \_\_\_\_\_

Flow: Design 25,000 GPD WWTP Classification: X A or 1

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 72° Cloudy

OEPA Personnel Michelle Mix District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	Turbidity	Odor	Color
0	None	<u>X</u> Clear	<u>X</u> None	<u>X</u> Colorless
1	Mild			
2	Moderate	Light Solids	Musty	Grey
3	Serious			
4	Extreme	Heavy Solids	Septic	Black

2. Effect of Effluent on Receiving Stream - Name: Not Observed

	None		Mild		Moderate		Serious
--	------	--	------	--	----------	--	---------

3. a. Plant has \_\_\_\_\_ excellent X good \_\_\_\_\_ fair \_\_\_\_\_ poor operation  
 b. Plant has \_\_\_\_\_ excellent \_\_\_\_\_ good X fair \_\_\_\_\_ poor maintenance  
 c. Sand filters have \_\_\_\_\_ excellent X good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance- N/A

Not operating at expected efficiency due to:

- (1) \_\_\_\_\_ hydraulic overload  
 (2) \_\_\_\_\_ organic/solids overload  
 (3) \_\_\_\_\_ personnel inefficiency  
 (4) \_\_\_\_\_ equipment failure  
 (5) \_\_\_\_\_ wastes  
 (6) \_\_\_\_\_

Disinfection: (Required May 1 thru Oct. 31)	
IN	OUT
_____	_____
_____	_____
<u>X</u>	_____

Chlorination Tablets  
 Dechlorination Tablets  
 Ultraviolet (U.V.)

Yes No

4. X Compliance with NPDES Permit - Time Period: 7/1/13 to 9/1/13

Periodic Violations X Y N Parameters: DO, E.coli, CBOD

Chronic Violations \_\_\_\_\_

5. X O & M logbook kept and available on site: Location \_\_\_\_\_

6. NE Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)  
 (Class I - 3 days per week for minimum 1.5 hours per week)

7. X Adequate Plant Safety: Deficiencies Locks missing from gates

Facility Name: Linlase Village

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	X	Flow Equalization	Light, little air, broken air line?
Aeration Equipment	X	Plant Timer <u>X</u> Y <u>    </u> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment	X	Aeration Tank	Color: <u>OK</u> Adequate Aeration <u>Y</u> X <u>    </u> N
Final Settling	X	Clarifier	Sludge/Plant in trough
		Sludge Return	In <u>X</u> Out <u>Clear</u>
		Surface Skimmer	In <u>X</u> Out <u>    </u>
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter	<u>Good</u>
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
		X	Ultraviolet (UV)
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	X	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	
		Spray Irrigation	
		Other	