



40 years of protecting forward

John R. Kasich, Governor
Mar. T. O'Rourke, Lt. Governor
Scott J. Herkel, Director

February 21, 2013

John C. Scheel, Manager
Ponderosa Mobile Home Estates
3969 Smiley Road
Hilliard, OH 43026

**Re: Ponderosa Mobile Home Estates
NPDES Permit 4PV00011/ OH0101974
Semi-Public CEI
Franklin County**

Dear Mr. Scheel:

On February 13, 2013, a Semi-Public CEI was conducted at the Ponderosa Mobile Home Estates. Present for the inspection were John Kincaid, the operator of record, and myself of the Ohio EPA, Central District Office, Division of Surface Water. The purpose of the inspection was to evaluate compliance with the terms and conditions of your NPDES permit and to evaluate the operation and maintenance of the plant.

Findings:

1. Attached are the compliance tables between January 2011 and January 2013. The facility has largely been compliant although there were loading violations in 2011. The flow rates are concerning as the 15,200 GPD facility has averaged 20,000 GPD for the last two years. **I recommend commencing inflow and infiltration reduction studies. Please comment on how you will reduce high flows.**
2. I have reviewed sanitary sewer atlases of the nearby area (see Figure 1). Part II Section I of the NPDES permit requires that you abandon the wastewater treatment plant when public sanitary sewers become available. This **Finding** serves as a reminder of the requirement, but based on distance and compliance history, the Agency will not pursue requiring abandonment at this time.
3. The operator places chlorination tablets within the clarifier weir to increase chlorine contact time. The chlorine tablet feeder was still installed at the time of the inspection and residual tablets were still seen. I informed Mr. Kincaid that the tablet feeder or the residual tablets should be removed during the winter months. **Please remove the chlorination tablets by March 1, 2013.**

4. The operator replaced the sand on the eastern sand filter. Some of the old sand was staged on the ground adjacent to the sand filters. I was informed the other sand filter would also have sand replaced this spring. Raked sand is considered sludge and it must be appropriately disposed of. **Please have all spent sand removed by June 1, 2013.**

Attached is the inspection report checklist. **A response is required addressing the spent sand pile, the chlorine tablet feeder, and inflow and infiltration.** If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3846 or e-mail at cole.miller@epa.state.oh.us.

Sincerely,



Cole Miller
Environmental Specialist II
Compliance and Enforcement Unit
Division of Surface Water
Central District Office

ec: Cole Miller

Figure 4. Aerial view of the site showing the location of the building and the surrounding area. The building is located in the upper right quadrant of the image. The surrounding area includes a road, a parking lot, and a large open area. The building is labeled 'BUILDING' and the surrounding area is labeled 'ROAD', 'PARKING LOT', and 'OPEN AREA'.



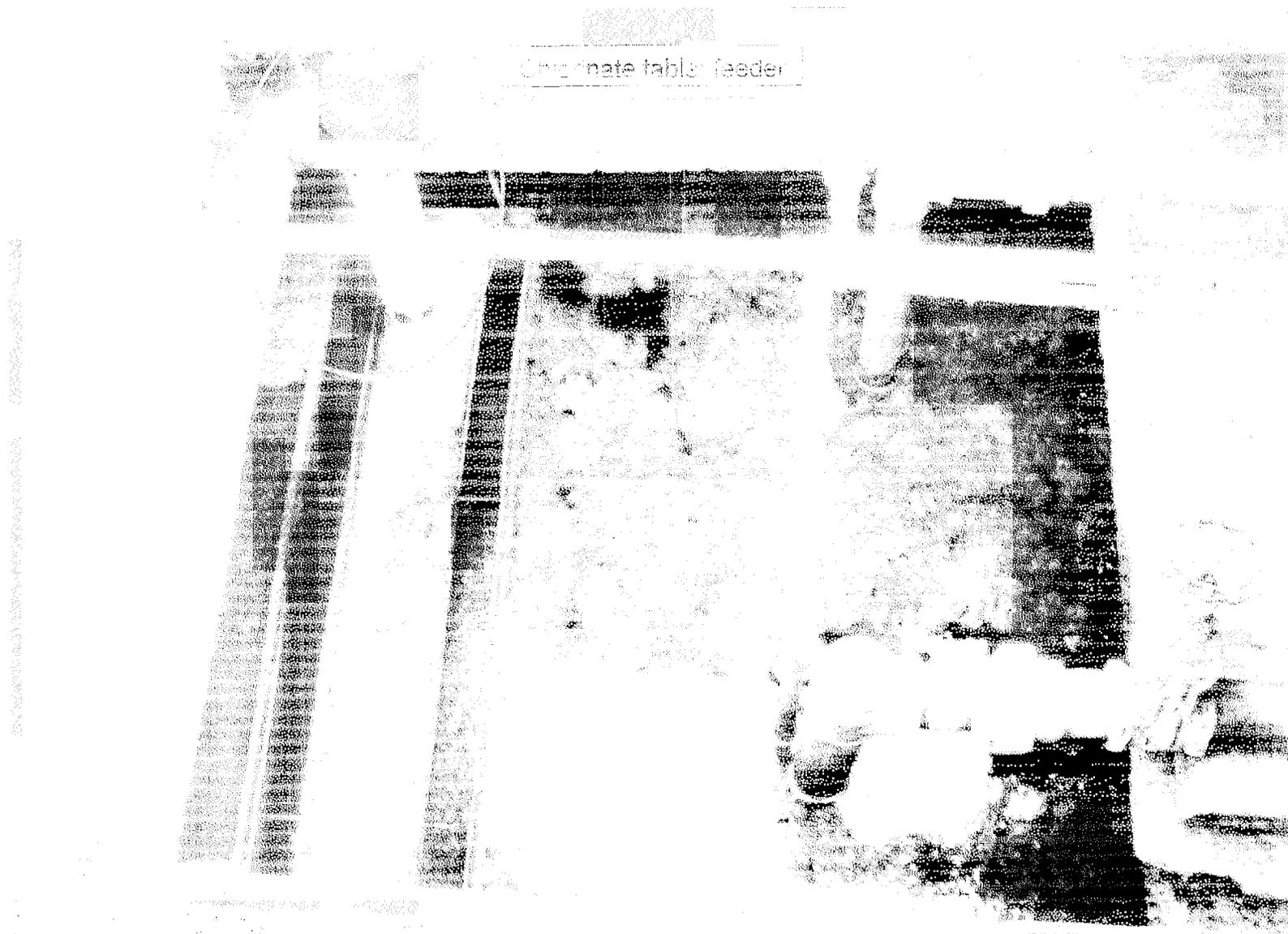


Figure 2. Chamber with table feeder



NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PV00011	OH0101974	CEI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
2/13/2013	11:00 AM	11:30 AM	No	No

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Ponderosa Mobile Home Estates	4/1/2010
	Permit Expiration Date
	3/31/2015
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
John Kincaid	
Name and Title of Responsible Official	Phone Number
John C. Scheel, Manager	(614) 529-9630

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
S	NPDES Compliance	
M	Operations & Maintenance	Tablet chlorine system must be removed when dechlor is not in use.
U	Facility Site Review	Pile of sand is staged next to the sand filter. In the future, a receptacle of some sort should be used.
N	Collection System	
S	Flow Measurement	
S	Receiving Waters	
N	Laboratory	

Comments: Chlorine tablet feeder should be removed by March 1, 2013. Sand must be removed by June 1, 2013, and future rakings should be collected in a receptacle for easy hauling.

Signatures			
	2/15/13		2/15/13
Cole Miller, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office	Date

Compliance Data for Ponderosa Mobile Home Estates between 1/1/2011 to 1/1/2013

Summary

Permit Effluent Limit Violations: 3
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: 0
 Compliance Schedule Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Reporting Date
April 2011	001	CBOD 5 day	30D Qty	0.58	.98034	4/1/2011
April 2011	001	CBOD 5 day	7D Qty	0.86	.98064	4/1/2011
May 2011	001	CBOD 5 day	30D Qty	0.58	.60602	5/1/2011

Flow Data for Ponderosa Mobile Home Estates between 1/1/2011 and 1/1/2013

	Date	Flows (MGD)
Ten Highest Flows	3/5/2011	0.066
	3/6/2011	0.066
	3/7/2011	0.066
	1/27/2012	0.064
	11/30/2011	0.062
	4/21/2011	0.062
	3/10/2011	0.062
	3/11/2011	0.062
	4/5/2011	0.062
	4/6/2011	0.062
Average Flow Rate		0.020

Method of flow monitoring:	Hour Meter
Type of alarms for plant:	N/E

SECTION D: PRELIMINARY TREATMENT

Type of Preliminary Treatment? Trash Trap			
		Yes	No
Does the unit require pumping or cleaning?		<input type="checkbox"/>	X
Maintenance of preliminary treatment is satisfactory?		X	<input type="checkbox"/>

Comments/Status:

SECTION E: AERATION

Color of M.S.S.?	Brown			Yes	No
	Yes	No			
Aeration is taking place	X	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	X
Blowers are operational	X	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	X
Skimmers are operational		X	Plant is flooded	<input type="checkbox"/>	X
Diffusers are operational	X	<input type="checkbox"/>	Grating is present	X	<input type="checkbox"/>
Sludge return is operational	X	<input type="checkbox"/>	Foam present?	<input type="checkbox"/>	X
Overall maintenance satisfactory?				X	<input type="checkbox"/>

Maintenance of aerating equipment is satisfactory.

Comments/Status:

SECTION F: CLARIFIERS

Clarity of water topping weir	Clear		Yes	No
Weir is clean?			X*	<input type="checkbox"/>
Weir is in good condition (i.e., level, free of corrosion, etc.)?			X	<input type="checkbox"/>
Is effluent present in weir channel?			X	<input type="checkbox"/>
Is the sludge blanket visible?			<input type="checkbox"/>	X
Do the clarifier walls need scraping?			<input type="checkbox"/>	X
Is sludge settling properly?			X	<input type="checkbox"/>
Overall maintenance of the clarifier is satisfactory?			X	<input type="checkbox"/>

Comments/Status: Facility had chlorine tablet feeder on weir. This should be removed during winter.

SECTION G: TERTIARY TREATMENT

	Yes	No		Yes	No
Surface sand filters:	X	<input type="checkbox"/>	Subsurface/Upflow	X	<input type="checkbox"/>
Distribution box operational	X	<input type="checkbox"/>	Beds alternated	X	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	X	Beds raked	X	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	X	Chlorination present	X*	<input type="checkbox"/>
UV present	<input type="checkbox"/>	X	Dechlorination present	<input type="checkbox"/>	X
Overall maintenance satisfactory?	<input type="checkbox"/>	<input type="checkbox"/>			

Frequency of cleaning:

Fixed media upkeep:

Comments/Status: Old sand needs to be hauled out. Chlorine feeder was present with tablet residuals.

SECTION H: SLUDGE HANDING / STORAGE DISPOSAL

Sludge is periodically wasted from what component?	Last aeration tank	
Sludge disposal contractor?	Suburban Sanitation	
Sludge disposal location?	Jackson Pike (Richmack Biomass)	
	Yes	No
Does the WWTP have sludge drying beds?	<input type="checkbox"/>	X
Does the WWTP have a sludge holding tank?	<input type="checkbox"/>	X
Is the maintenance on the sludge handling unit adequate?	<input type="checkbox"/>	<input type="checkbox"/>

Comments/Status: Sludge is pumped every 2-3 months.

SECTION I: RECORD KEEPING / OPERATOR OF RECORD

Operator of Record holds unexpired license or class required by permit?	X	
Has the Operator of Record submitted an ORC Notification form?	X	
Copy of certificate of Operator of Record displayed on-site?*		
If a Staffing Reduction plan has been approved, are the stipulations of the plan being met?	X	
Operator of Record log book provided?	X	
Minimum operator staffing requirements fulfilled (OAC 3745-7)?	X	
Log book kept onsite (in an area protected from weather)?	X	
Log book contains the following:		
Identification of treatment works	X	
Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7	X	
Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results etc.)	X	
Laboratory results (unless documented on bench sheets)	X	
Identification of person making entries	X	
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	X	
Logbook Format	Computer log	Bound book

Comments/Status:

SECTION J: PLANT DISCHARGE

Discharge point is:	Unnamed tributary to Scioto River via field tile.
Discharge is visible:	Yes
Name of discharge point:	Unnamed tributary
Marker present:	N/A
Quality of effluent:	Clear, non-odor
Contract laboratory:	Alloway

Comments/Status