



**Environmental
Protection Agency**

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

June 25, 2012

Charley Weaver, Owner
Willard Carl, Manager
Modern MHP
8910 E Main Street Lot 9
Reynoldsburg, OH 43068

**Re: Modern MHP
NPDES Permit 4PV00114/ OH0130699
Compliance Evaluation Inspection
Licking County**

Dear Mr. Weaver and Mr. Carl:

On June 12, 2012, a compliance evaluation inspection was conducted at the Modern MHP. Present for the inspection were Paul Monsour, Operator and Willard Carl representing Modern MHP 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. The findings of the inspection are explained below:

- ❖ Violations of permitted effluent limits have been reduced or eliminated for the most part. The frequency violations for March 2012 were due to changeover of operators and a problem with the new operator PIN number to access the electronic discharge monitoring reporting website. This problem was rectified and the new operator is now able to submit electronic monitoring reports.
- ❖ Inflow and infiltration has been controlled by installing a new main sewer line in a portion of the park. However, it was noted that several clean-out pipes and lateral connections (at empty pads) did not have covers or were poorly covered allowing access to animals, debris, and precipitation. Clean-outs and lateral connections at empty pads must be properly covered to prevent this.
- ❖ The operator of record must record the time spent at the facility in the logbook to allow for evaluation of minimum staffing requirements listed in the permit.

Charley Weaver, Owner
Willard Carl, Manager
Modern MHP
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- ❖ If compliance with nutrient limits in the NPDES permit remains problematic, the facility is encouraged to consult with the Compliance Assistance Unit at Ohio EPA. Please contact Mark Stump at (614) 644-2028 or by e-mail at: mark.stump@epa.state.oh.us if you have questions or wish to schedule assistance.

If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3854 or e-mail at paul.vandermeer@epa.ohio.gov.

Sincerely,



Paul L. Vandermeer
Environmental Specialist
Compliance and Enforcement Unit
Division of Surface Water
Central District Office

c: Paul Monsour

ec: Paul L. Vandermeer

PLV/nsm Modern MHP

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PV00114	OH0130699	CLI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
6/12/2012	12:55 PM	1:35 PM	No	Yes

SECTION B: FACILITY DATA

Name and Location of Facility Inspected	Permit Effective Date
Modern MHP 8910 E. Main St. Reynoldsburg, OH 43068	6/1/2012
	Permit Expiration Date
	5/31/2017
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Paul Monsour, Operator	(740) 974-4050
Name and Title of Responsible Official	Phone Number
Charley Weaver, Owner Willard Carl, Manager	(614) 864-6234

SECTION C: AREAS EVALUATED DURING INSPECTION

Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated

S	NPDES Compliance	
S	Operations & Maintenance	
S	Facility Site Review	
M	Collection System	See cover letter.
S	Flow Measurement	
S	Receiving Waters	
N	Laboratory	TCCI laboratories provides analysis for all parameters.

Comments:

Signatures

	6/21/12		6/21/12
Paul L. Vandermeer, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Mike Gallaway, Reviewer Section Manager Division of Surface Water Central District Office	Date

Compliance Data for Modern MHP between 6/1/2008 to 6/1/2012

Summary

Permit Effluent Limit Violations: 25
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: * 5
 Compliance Schedule Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2008	001	Total Suspended Solids	30D Conc	12	68.	6/1/2008
June 2008	001	Total Suspended Solids	30D Qty	0.16	.66275	6/1/2008
June 2008	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.5	6/1/2008
June 2008	001	Nitrogen, Ammonia (NH3)	30D Qty	0.01	.01462	6/1/2008
June 2008	001	Fecal Coliform	30D Conc	1000	10000.	6/1/2008
June 2008	001	CBOD 5 day	30D Conc	10	19.	6/1/2008
June 2008	001	CBOD 5 day	30D Qty	0.13	.18518	6/1/2008
June 2008	001	Total Suspended Solids	7D Conc	18	68.	6/15/2008
June 2008	001	Total Suspended Solids	7D Qty	0.24	.66275	6/15/2008
June 2008	001	CBOD 5 day	7D Conc	15	19.	6/15/2008
June 2008	001	Fecal Coliform	1D Conc	2000	10000.	6/17/2008
June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.2	6/17/2008
August 2008	001	Chlorine, Total Residu	1D Conc	0.038	.7	8/19/2008
December 2008	001	Total Suspended Solids	30D Conc	12	14.	12/1/2008
December 2008	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.9	12/1/2008
December 2008	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	4.9	12/8/2008
June 2009	001	Phosphorus, Total (P)	30D Conc	1.0	1.3	6/1/2009
June 2010	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.35	6/1/2010
June 2010	001	Nitrogen, Ammonia (NH3)	30D Qty	0.01	.01461	6/1/2010
June 2010	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	2.	6/8/2010
June 2010	001	Phosphorus, Total (P)	7D Conc	1.5	1.89	6/8/2010
June 2010	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	2.7	6/22/2010
August 2010	001	Phosphorus, Total (P)	7D Conc	1.5	1.59	8/8/2010
June 2011	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.3	6/1/2011
June 2011	001	Phosphorus, Total (P)	30D Conc	1.0	1.07	6/1/2011

Frequency Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
March 2012	001	Total Suspended Solids	1/Quarter	1	0	3/1/2012
March 2012	001	Nitrogen, Ammonia (NH3)	1/Quarter	1	0	3/1/2012
March 2012	001	CBOD 5 day	1/Quarter	1	0	3/1/2012
March 2012	001	Phosphorus, Total (P)	1/Quarter	1	0	3/1/2012
March 2012	001	Dissolved Oxygen	1/Quarter	1	0	3/1/2012

Flow Data for Modern MHP between 6/1/2008 and 6/1/2012

	Date	Flows (GPD)
Ten Highest Flows	6/22/2008	2900
	8/17/2008	2900
	8/24/2008	2900
	8/16/2008	2875
	7/13/2008	2850
	7/20/2008	2850
	8/3/2008	2850
	8/10/2008	2850
	6/8/2008	2825
	6/29/2008	2825
Average Flow Rate		1659

Method of flow monitoring:	Dosing Pump timer
Type of alarms for plant:	Visual (flashing light)

SECTION D: PRELIMINARY TREATMENT

Type of Preliminary Treatment: **Trash Trap**
 Does the Trash Trap need pumping: **No**
 Maintenance of pretreatment components is **satisfactory**.

Comments/Status:

SECTION E: AERATION

Color of sludge: **Earthy brown**
 Quality of Sludge: **Satisfactory**
 Foam: **None**
 Odor: **Satisfactory**

	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 operational	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Skimmers are operational	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operational	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gratings are present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operational	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aeration equipment is **satisfactory**.

Comments/Status: Blower serviced regularly.

SECTION F: CLARIFIERS

Clarity: **Satisfactory**
 Condition of Weir: **Nominal, needs cleaning.**
 Weir is level: **Yes**
 Effluent in weir: **Satisfactory**
 Clarifier walls need scraping: **No**
 Pin floc observed: **Minimal**
 Sludge blanket visible: **Yes**

Overall maintenance of settling components is **satisfactory.**

Comments/Status:

SECTION G: TERTIARY TREATMENT

	Yes	No		Yes	No
Surface sand Filters:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface/Upflow	<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 checked="" type="checkbox"/>	<input type="checkbox"/>

Frequency of cleaning: **Every 2 weeks or as needed.**
 Fixed media upkeep: **Not Applicable**
 Overall maintenance of components is **satisfactory.**

Comments/Status:

SECTION H: SLUDGE HANDING / STORAGE DISPOSAL

Hauler name: **E.C. Babbert, Inc.**
 Disposal Site: **City of Columbus, Jackson Pike WWTP**
 Sludge wasted from: **Aeration Tank**
 How often is sludge wasted: **Quarterly**
 Sludge drying beds: **NA**
 Sludge holding tank: **NA**

Comments/Status:

SECTION I: RECORD KEEPING / OPERATOR OF RECORD

	Yes	No
Operator of Record holds unexpired license of class required by Permit?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Has the Operator of Record submitted an ORC Notification form?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Copy of certificate of Operator of Record displayed on-site?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>

If a Staffing Reduction plan has been approved, are the stipulations of the plan being met?	<input type="checkbox"/>	<input type="checkbox"/>
Operator of Record log book provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum operator staffing requirements fulfilled (OAC 3745-7)?^	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Log book kept onsite (in an area protected from weather)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Log book contains the following:		
Identification of treatment works	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Laboratory results (unless documented on bench sheets)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Identification of person making entries	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Logbook Format	Computer log	Bound book

Comments/Status: *Operator carries certificate copy on person. ^Staffing unknown as check-in and check-out times are not listed in the record book.

SECTION J: PLANT DISCHARGE

Discharge point is a: **Roadside Ditch**
Name of discharge point: **001**
Discharge is visible: **Not evaluated**
Quality of Effluent: **Satisfactory**

Comments/Status: