



Environmental
Protection Agency

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

August 27, 2012

Martin Bell, Owner
Restover MHP
2575 Sabra Court SE
Lancaster, OH 43130

**Re: Restover MHP
NPDES Permit 4PV00122/ OH0136301
Compliance Evaluation Inspection
Fairfield County**

Dear Mr. Bell:

On August 20, 2012, a Compliance Evaluation Inspection was conducted at the Restover MHP. Present for the inspection were Tom Bouts, Contract Operator representing Restover 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 following items were noted during the inspection:

- ❖ Upgrades to the WWTP have been completed as required by the NPDES permit compliance schedule. Please provide Paul Vandermeer with the date the construction began so that the compliance milestone may be entered into the SWIMS database (see attached report Compliance Schedule Milestones).
- ❖ The trash trap appeared to be very full and in need of pumping. Please confirm with Paul Vandermeer via e-mail when pumping of the trap is completed and provide an electronic copy (pdf) of the receipt from the hauler confirming the work.

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: Tom Bouts

ec: Paul Vandermeer

PLV/nsm Restover MHP 8-2012

Central District Office
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, OH 43216-1049

614 | 728 3778
614 | 728 3898 (fax)
www.epa.ohio.gov

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PV00122	OH0136301	CEI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
8/20/2012	9:45 am	10:15 am	No	No

SECTION B: FACILITY DATA

Name and Location of Facility Inspected	Permit Effective Date
Restover MHP 3840 Old Logan Rd. Lancaster, OH	6/1/2011
	Permit Expiration Date
	5/31/2016
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Tom Bouts, Contract Operator	(740) 983-3412
Name and Title of Responsible Official	Phone Number
Martin Bell, Owner	(740) 205-3413

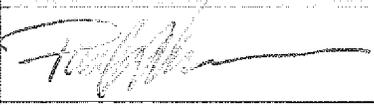
SECTION C: AREAS EVALUATED DURING INSPECTION

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

S	NPDES Compliance	Permit limit and frequency violations are minimal and measures taken to ensure compliance were adequate and appropriate.
S	Operations & Maintenance	Trash trap needs cleaning.
S	Facility Site Review	
S	Collection System	
S	Flow Measurement	Dosing pump timer, newly installed.
S	Receiving Waters	
N	Laboratory	MASI Laboratory performs all analyses except D.O., pH, chlorine residual, and temperature.

Comments:

Signatures

	8/24/12		8/24/12
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 Restover MHP between 7/1/2011 to 8/1/2012

Summary

Permit Effluent Limit Violations: 4
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: * 1
 Compliance Schedule Dates Needed: 1

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2011	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.2	8/1/2011
August 2011	001	Dissolved Oxygen	1D Conc	6.0	5.4	8/26/2011
June 2012	001	E. coli	30D Conc	126	1200.	6/1/2012
June 2012	001	E. coli	7D Conc	284	1200.	6/22/2012

Frequency Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
August 2011	001	Chlorine, Total Residu	1/Quarter	1	0	8/1/2011

Missing Compliance Schedule Milestones				
Schedule Due Date	Completion Date	Event Code	Schedule Type	Schedule Milestone
August 2011	??	3099	Construction	Begin Construction
September 2011	9/30/11	5699	Construction	Final Compliance w/ Eff Limits

Flow Data for Restover MHP between 7/1/2011 and 8/1/2012

	Date	Flows (GPD)
Ten Highest Flows	12/13/2011	1200
	12/19/2011	1200
	12/10/2011	1200
	12/11/2011	1200
	12/12/2011	1200
	12/13/2011	1200
	12/25/2011	1140
	12/26/2011	1140
	12/27/2011	1140
	12/28/2011	1140
Average Flow Rate		848

Method of flow monitoring:	<i>Dosing pump timer.</i>
Type of alarms for plant:	<i>None. Tenants keep watch.</i>

SECTION D: PRELIMINARY TREATMENT

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

Comments/Status:

SECTION E: AERATION

Color of MLSS?	<i>Chocolate Brown, thin</i>				
	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 type="checkbox"/>	<input checked="" 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"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operational	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Foam present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Overall maintenance satisfactory?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments/Status:

SECTION F: CLARIFIERS

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

Comments/Status: Poor lighting prevented viewing of sludge blanket in the clarifier.

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 operational	<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 type="checkbox"/>	<input checked="" type="checkbox"/>
UV present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Overall maintenance satisfactory?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Comments/Status: *E. coli* violations resulted from too much flow through the UV unit. This was rectified once the error was discovered and flow reduced so the unit was able to adequately disinfect the effluent.

SECTION H: SLUDGE HANDING / STORAGE DISPOSAL

Sludge is periodically wasted from what component?	<i>Aeration tank*</i>	
Sludge disposal contractor?	<i>Green's Septic</i>	
Sludge disposal location?	<i>City of Lancaster WWTP</i>	
	Yes	No
Does the WWTP have sludge drying beds?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the WWTP have a sludge holding tank?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the maintenance on the sludge handling unit adequate?	<input type="checkbox"/>	<input type="checkbox"/>

Comments/Status: *Operator uses a burlap bag and sump pump arrangement to waste sludge for disposal. The blower is turned off to the aeration tank and a burlap (woven) bag is filled with sludge from the bottom of the aeration tank after it has had time to settle. The bag is suspended above the tank during this process so liquids drain back into the aeration tank. Once the bag is full of sludge and drained, it is taken away by the hauler.

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?	NA	NA
Operator of Record log book provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum operator staffing requirements fulfilled (OAC 3745-7)?	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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:

SECTION J: PLANT DISCHARGE

Discharge point is:	Hocking River
Discharge is visible:	Yes
Name of discharge point:	001
Marker present:	Yes
Quality of effluent:	No water was discharging at the time of the inspection.
Contract laboratory:	MASI Laboratory

Comments/Status