Environmental
Protection Agency

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

April 5, 2012

Mark Anthony, Owner
Marlin Trace Investments
dba Hillview MHV
15111 S.R. 664 South
Logan, OH 43138

Re: **Hillview MHV**
NPDES Permit 4PV00120/ OH0136280
Reconnaissance Inspection
Fairfield County
Notice of Violation

Dear Mr. Anthony:

On April 4, 2012, a Reconnaissance Inspection was conducted at the Hillview MHP. Present for the inspection were Brittany Smith and Rachel DeMuth, Ohio EPA, Central Office Surface Water Enforcement Section 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 listed below:

- The facility remains in significant non-compliance with the NPDES permit due to permit effluent violations, sampling frequency violations, and compliance schedule violations.

- The trash trap was completely full of material (Figure 1) and must be emptied immediately.

- The sludge return line was partially plugged with debris (Figure 2) and is in need of maintenance to clear the obstruction.

- Partially treated sewage flows down the hill towards the creek as evidenced by the dark material shown in Figures 3 and 6. Effluent samples revealed excessive amounts of solids (Figure 4) indicative of inadequate treatment at the WWTP and a violation of water quality standards stating that effluent must be free from such materials (OAC 3745-1-04). Sample analysis results will be forwarded to you once we receive them from our laboratory.

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

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- Human activity in this area is indicated by the presence of apparel, tools, and toys found in the vicinity of the effluent stream (Figure 5). This likely poses a public health concern if people should come into contact with the partially treated effluent.
- The effluent discharge point is hidden within a brushy area with difficult access. There is no signage installed as required by the NPDES permit Part II.G to identify the effluent discharge point. The effluent pipe discharges to a hillside rather than into the creek.

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

ec: Paul Vandermeer

PLV/nsm Hillview MHV NOV

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PV00120	OH0136280	RI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
4/4/2012	9:30 AM	10:05 AM	Yes	Yes

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Hillview MHV 3424 B.I.S. Road Lancaster, OH 43130	1/1/2009
	Permit Expiration Date
	6/30/2010
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Name and Title of Responsible Official	Phone Number
Mark Anthony, Owner	(740) 654-3782

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
U	NPDES Compliance	Permit effluent violations, compliance schedule violations, sampling frequency violations. No operator of record.
M	Operations & Maintenance	Trash trap completely full, aeration tank OK, clarifier not performing adequately (lots of solids in effluent), sludge return partially clogged.
U*	Facility Site Review	Partially treated effluent flows onto ground and down the hill, eventually leading to the small tributary.
N	Collection System	
N	Flow Measurement	
N	Receiving Waters	
N	Laboratory	

Comments: *Tank covers are unlocked and can be opened by anyone.

Signatures			
	4/5/12		4/5/12
Paul 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 Hillview MHP between 3/1/2011 to 4/1/2012

Summary
Permit Effluent Limit Violations: 46
Permit Effluent Code Violations: 0
Permit Effluent Frequency Violations: * 32
Compliance Schedule Violations: 2 (construction of sand filters and disinfection, compliance with final effluent limits)

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	[illegible]	[illegible]
March 2011	001	Total Suspended Solids	30D Conc	12	228.	3/1/2011
March 2011	001	Total Suspended Solids	30D Qty	0.41	3.88341	3/1/2011
March 2011	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	39.4	3/1/2011
March 2011	001	Nitrogen, Ammonia (NH3	30D Qty	0.10	.67108	3/1/2011
June 2011	001	Total Suspended Solids	30D Conc	12	128.	6/1/2011
June 2011	001	Total Suspended Solids	30D Qty	0.41	2.18016	6/1/2011
June 2011	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	59.5	6/1/2011
June 2011	001	Nitrogen, Ammonia (NH3	30D Qty	0.034	1.01343	6/1/2011
June 2011	001	Fecal Coliform	30D Conc	1000	7000.	6/1/2011
June 2011	001	CBOD 5 day	30D Conc	10	157.	6/1/2011
June 2011	001	CBOD 5 day	30D Qty	0.34	2.6741	6/1/2011
June 2011	001	Total Suspended Solids	7D Conc	18	128.	6/22/2011
June 2011	001	Total Suspended Solids	7D Qty	0.61	2.18016	6/22/2011
June 2011	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	59.5	6/22/2011
June 2011	001	Nitrogen, Ammonia (NH3	7D Qty	0.051	1.01343	6/22/2011
June 2011	001	Fecal Coliform	7D Conc	2000	7000.	6/22/2011
June 2011	001	CBOD 5 day	7D Conc	15	157.	6/22/2011
June 2011	001	CBOD 5 day	7D Qty	0.51	2.6741	6/22/2011
June 2011	001	Dissolved Oxygen	1D Conc	6.0	4.5	6/28/2011
August 2011	001	Total Suspended Solids	30D Conc	12	40.	8/1/2011

August 2011	001	Total Suspended Solids	30D Qty	0.41	.6813	8/1/2011
August 2011	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	64.2	8/1/2011
August 2011	001	Nitrogen, Ammonia (NH3	30D Qty	0.034	1.09349	8/1/2011
August 2011	001	Fecal Coliform	30D Conc	1000	7000.	8/1/2011
August 2011	001	CBOD 5 day	30D Conc	10	107.	8/1/2011
August 2011	001	CBOD 5 day	30D Qty	0.34	1.82248	8/1/2011
August 2011	001	Total Suspended Solids	7D Conc	18	40.	8/22/2011
August 2011	001	Total Suspended Solids	7D Qty	0.61	.6813	8/22/2011
August 2011	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	74.5	8/22/2011
August 2011	001	Nitrogen, Ammonia (NH3	7D Qty	0.051	1.26892	8/22/2011
August 2011	001	Fecal Coliform	7D Conc	2000	7000.	8/22/2011
August 2011	001	CBOD 5 day	7D Conc	15	107.	8/22/2011
August 2011	001	CBOD 5 day	7D Qty	0.51	1.82248	8/22/2011
August 2011	001	Dissolved Oxygen	1D Conc	6.0	5.1	8/23/2011
December 2011	001	Total Suspended Solids	30D Conc	12	67.	12/1/2011
December 2011	001	Total Suspended Solids	30D Qty	0.41	1.14118	12/1/2011
December 2011	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	52.6	12/1/2011
December 2011	001	Nitrogen, Ammonia (NH3	30D Qty	0.10	.89591	12/1/2011
December 2011	001	CBOD 5 day	30D Conc	10	296.	12/1/2011
December 2011	001	CBOD 5 day	30D Qty	0.34	5.04162	12/1/2011
December 2011	001	Total Suspended Solids	7D Conc	18	67.	12/15/2011
December 2011	001	Total Suspended Solids	7D Qty	0.61	1.14118	12/15/2011
December 2011	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	52.6	12/15/2011
December 2011	001	Nitrogen, Ammonia (NH3	7D Qty	0.15	.89591	12/15/2011
December 2011	001	CBOD 5 day	7D Conc	15	296.	12/15/2011
December 2011	001	CBOD 5 day	7D Qty	0.51	5.04162	12/15/2011

Frequency Violations						
Reporting Period	Station	Parameter	Sample Frequency	Exceeded	[illegible]	Violation Date
February 2012	001	Color, Severity	1/Week	1	0	02/01/2012
February 2012	001	Odor, Severity	1/Week	1	0	02/01/2012

February 2012	001	Turbidity, Severity	1/Week	1	0	02/01/2012
February 2012	001	Flow Rate	1/Day	1	0	02/01/2012
February 2012	001	Flow Rate	1/Day	1	0	02/02/2012
February 2012	001	Flow Rate	1/Day	1	0	02/03/2012
February 2012	001	Flow Rate	1/Day	1	0	02/04/2012
February 2012	001	Flow Rate	1/Day	1	0	02/05/2012
February 2012	001	Flow Rate	1/Day	1	0	02/06/2012
February 2012	001	Flow Rate	1/Day	1	0	02/07/2012
February 2012	001	Flow Rate	1/Day	1	0	02/08/2012
February 2012	001	Flow Rate	1/Day	1	0	02/09/2012
February 2012	001	Flow Rate	1/Day	1	0	02/10/2012
February 2012	001	Flow Rate	1/Day	1	0	02/11/2012
February 2012	001	Flow Rate	1/Day	1	0	02/12/2012
February 2012	001	Flow Rate	1/Day	1	0	02/13/2012
February 2012	001	Flow Rate	1/Day	1	0	02/14/2012
February 2012	001	Flow Rate	1/Day	1	0	02/15/2012
February 2012	001	Flow Rate	1/Day	1	0	02/16/2012
February 2012	001	Flow Rate	1/Day	1	0	02/17/2012
February 2012	001	Flow Rate	1/Day	1	0	02/18/2012
February 2012	001	Flow Rate	1/Day	1	0	02/19/2012
February 2012	001	Flow Rate	1/Day	1	0	02/20/2012
February 2012	001	Flow Rate	1/Day	1	0	02/21/2012
February 2012	001	Flow Rate	1/Day	1	0	02/22/2012
February 2012	001	Flow Rate	1/Day	1	0	02/23/2012
February 2012	001	Flow Rate	1/Day	1	0	02/24/2012
February 2012	001	Flow Rate	1/Day	1	0	02/25/2012
February 2012	001	Flow Rate	1/Day	1	0	02/26/2012
February 2012	001	Flow Rate	1/Day	1	0	02/27/2012
February 2012	001	Flow Rate	1/Day	1	0	02/28/2012
February 2012	001	Flow Rate	1/Day	1	0	02/29/2012

*The facility has 1 missing data reports.

Station	Required Report Period	DMR Received
001	January 2012	No

Figure 1. Full (nearly overflowing) trash trap at Hillview MHV.

Figure 2. Aeration tank at Hillview MHV WWTP. Note partially clogged sludge return in lower left of photo (arrow). The blower was in service at the time of the inspection.

Figure 3. Partially treated sewage running over the ground at Hillview MHV.

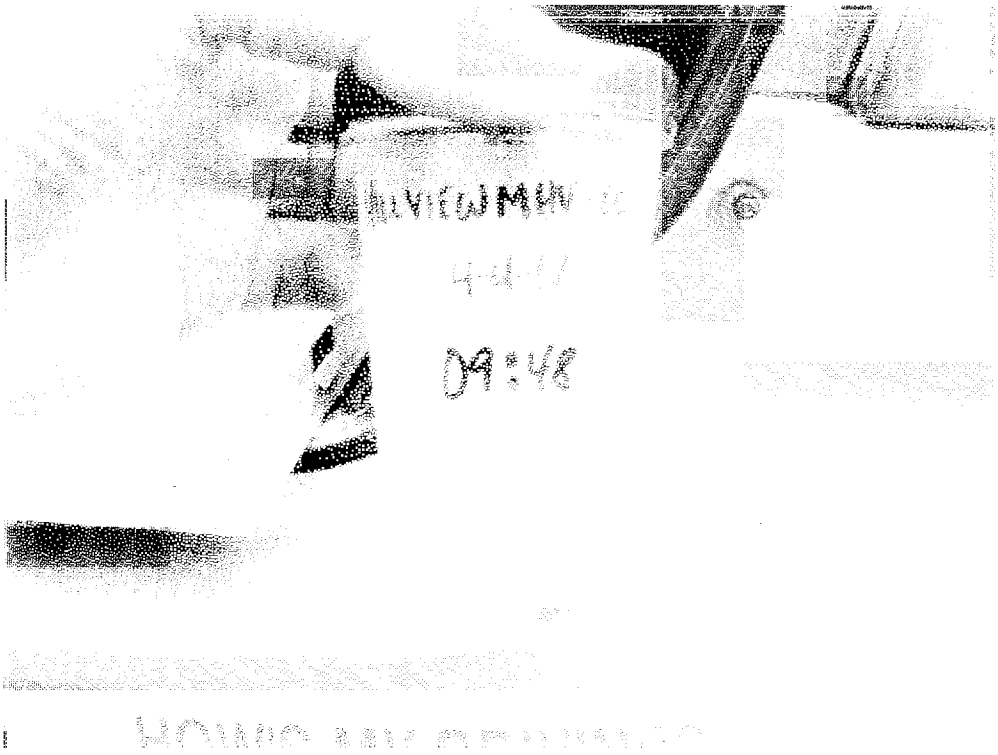

Figure 4. Effluent sample from Hillview MHV. Note the opacity of the sample due to high amounts of solids in the effluent.

Figure 5. Footwear and garden implements found in the vicinity of the Hillview discharge.

Figure 6. Partially treated sewage flowing down the hill to the creek at the Hillview MHV.