

**Environmental
Protection Agency**

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

May 21, 2012

Mr. Bret Yetter
New Dover Properties, LLC
1924 Fuller Road
Colorado Springs, CO 80920

**Re: New Dover Estates MHP
NPDES Permit 4PV00014/ OH0102130
Semi-Public CEI
Union County**

Dear Mr. Yetter:

On May 10, 2012, a Semi-Public CEI was conducted at the New Dover Estates MHP. 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 compliance tables between February 2011 and April 2012. The facility has largely been compliant although there were two loading violations.
2. The plant is designed for 25,000 GPD and has had an average flow rate of 27,000 GPD and a peak of 98,000 GPD during the investigated period. You contacted me in October 2011 and identified the repair of 14 areas identified by smoke tests and sewer riser repairs under homes. You also indicated that you would continue to monitor flows to determine I&I. However, the December 2011 loading violation was likely due to inflow and infiltration which caused a flow rate of 94,000 GPD.

Please note that if additional violations are attributable to I&I that additional work will need to be done to the collection system.

3. The plant appeared to be operating well during the inspection.

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Attached is the inspection checklist. 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.ohio.gov.

Sincerely,

A handwritten signature in cursive script, appearing to read "Cole Miller".

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

cc: Cole Miller
John Kincaid, kincaidwws@msn.com

CM/nsm 5-11-12 New Dover CEI

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PV00014	OH0102130	CEI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
5/10/2012	10:00 AM	11:00 AM	No	No

SECTION B: FACILITY DATA

Name and Location of Facility Inspected	Permit Effective Date
New Dover Estates MHP	8/1/2007
	Permit Expiration Date
	7/31/2012
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
John Kincaid, Contract Operator	(740) 386-3768
Name and Title of Responsible Official	Phone Number
Bret Yetter, Owner	(719) 531-7650

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	Plant suffers from high flows
S	Flow Measurement	
S	Receiving Waters	
N	Laboratory	

Comments:

Signatures

 5/14/12	 5/15/12
Cole Miller, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office

Compliance Data for New Dover Estates MHP between 2/1/2011 to 4/1/2012

Summary

Permit Effluent Limit Violations: 2

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	Violation Date
April 2011	001	Total Suspended Solids	1D Qty	1.70	1.99772	4/5/2011
December 2011	001	Total Suspended Solids	1D Qty	1.70	2.2059	12/6/2011

Flow Data for New Dover Estates MHP between 2/1/2011 and 4/1/2012

	Date	Flows (MGD)
Ten Highest Flows	2/28/2011	0.098
	12/6/2011	0.094
	3/6/2011	0.092
	4/5/2011	0.091
	4/20/2011	0.089
	6/11/2011	0.088
	4/25/2011	0.085
	6/18/2011	0.081
	11/28/2011	0.079
	2/23/2011	0.074
Average Flow Rate		0.027

Method of flow monitoring:	Hour meter
Type of alarms for plant:	Visual alarms at influent wet well and dosing tank

SECTION D: PRETREATMENT

Type of Pretreatment: Two trash traps. 1,500 and 2000 gallons
 Does the Trash Trap need pumped: Yes
 Maintenance of pretreatment components is: Acceptable

Comments/Status: The trash traps are pumped twice a year. Mr. Kincaid said that they would be pumped out soon.

SECTION E: AERATION

Color of sludge: Brown
 Quality of Sludge: Good, thick
 Foam: No
 Odor: Slight sewage odor*

	Yes	No		Yes	No
Aeration is taking place	X	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	X
Blowers are operating	X	<input type="checkbox"/>	Blowers are on a timer	X	<input type="checkbox"/>
Skimmers are operating	<input type="checkbox"/>	X	Plant is flooded	<input type="checkbox"/>	X
Diffusers are operating	X	<input type="checkbox"/>	Grating is present	X	<input type="checkbox"/>
Sludge return is operating	X	<input type="checkbox"/>			

Maintenance of aerating equipment is adequate.

Comments/Status: There was a slight odor which may have been from the equalization tank.

SECTION F: SECONDARY TREATMENT

Clarity: Clear with some duckweed growth.
 Condition of Weir: Good
 Weir is level: Yes
 Effluent in weir: Clear
 Clarifier walls need scraped: No
 Pin floc observed: No
 Sludge blanket visible: No

Overall maintenance of settling components is: Adequate

Comments/Status: Chlorination is done within the weir.

SECTION G: TERTIARY TREATMENT

	Yes	No		Yes	No
Surface sand Filters:	X	<input type="checkbox"/>	Subsurface/Upflow	X	<input type="checkbox"/>
Distribution box operating	X	<input type="checkbox"/>	Beds alternated	X	<input type="checkbox"/>
Are filters ponding/flooding	X	<input type="checkbox"/>	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	X	<input type="checkbox"/>

Frequency of cleaning: When ponding is observed
 Fixed media upkeep: Cleaned weekly.
 Overall maintenance of components is: Adequate

Comments/Status: There was a small amount of ponding evident in the sand filter. Mr. Kincaid told me that the sand beds would be switched next week.

SECTION H: SLUDGE HANDING / STORAGE DISPOSAL

Hauler name: Jon Kincaid
 Disposal Site: Marion City
 Sludge wasted from: Sludge holding
 How often is sludge wasted: Twice a year
 Sludge drying beds: No Sludge holding tank: Yes

Overall maintenance of components is: Good

Comments/Status:

