



**Environmental  
Protection Agency**

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

January 10, 2012

Ed Sharp, Chief Financial Officer  
House of New Hope  
8135 Mt Vernon Road  
St. Louisville, OH 43071

**Re: House of New Hope  
NPDES Permit 4PX00027/ OH0121011  
Reconnaissance Inspection  
Licking County**

Dear Mr. Sharp:

On December 22, 2011, a Reconnaissance Inspection was conducted at the House of New Hope. Present for the inspection were Bryan Curry, plant operator and Mike Sapp 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 observations were made during the inspection:

- The trash trap seemed full and should be pumped out to prevent trash from entering the aeration tank.
- Effluent violations for December 2008 were due to die-off of the biota in the plant caused by under loading. The plant was reseeded and violations ceased. The effluent violations in August 2009 had an unknown cause. The plant has been in compliance with effluent permit limits since that time.
- Maintenance at the plant is adequate to ensure proper operation. The clarifier weir and walls are scraped weekly and the surface skimmed regularly. The aeration system and sludge return were working properly. Sand filters are raked weekly.
- Sludge is not wasted due to under loading of the plant.
- The plant is not fenced, but locking bars with padlocks were present and provided adequate security for the tanks.



Ed Sharp, Chief Financial Officer  
House of New Hope  
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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](mailto:paul.vandermeer@epa.ohio.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Paul Vandermeer", with a long horizontal flourish extending to the right.

Paul L. Vandermeer  
Environmental Specialist  
Field Operations Unit  
Division of Surface Water  
Central District Office

ec: Paul Vandermeer  
c: Mr. Bryan Curry, Operator

PV/nsm House of New Hop recon



NPDES Compliance Inspection Report

**SECTION A: NATIONAL DATA SYSTEM CODING**

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PX00027	OH0121011	RI	S	I
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
12/22/2011	9:25 am	10:30 am	No	No

**SECTION B: FACILITY DATA**

Name and Location of Facility Inspected	Permit Effective Date
House of New Hope 8135 Mt. Vernon Road St. Louisville, OH 43071	8/1/2008
	Permit Expiration Date
	7/31/2013
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Bryan Curry, Operator	
Name and Title of Responsible Official	Phone Number
Ed Sharp, Chief Financial Officer	(740) 345-5437

**SECTION C: AREAS EVALUATED DURING INSPECTION**

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

S	NPDES Compliance	No violations for over 2 years.
S	Operations & Maintenance	
S	Facility Site Review	Tanks are locked on top.
N	Collection System	
S	Flow Measurement	Readings taken from water meter 1x per week*
S	Receiving Waters	
N	Laboratory	MASI Labs performs analysis

Comments: \*For a facility of this size, estimates of effluent flow using the potable water intake meter are appropriate since the plant is very underloaded at around 125 gallons per day of flow.

Signatures

 1/9/12	 1/5/12
Paul Vandermeer, 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 House of New Hope between 12/1/2008 to 12/1/2011

### Summary

Permit Effluent Limit Violations: 6

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
December 2008	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	6.6	12/1/2008
December 2008	001	CBOD 5 day	30D Conc	10	17.	12/1/2008
December 2008	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	6.6	12/8/2008
December 2008	001	CBOD 5 day	7D Conc	15	17.	12/8/2008
August 2009	001	CBOD 5 day	30D Conc	10	19.	8/1/2009
August 2009	001	CBOD 5 day	7D Conc	15	19.	8/1/2009

Flow Data for House of New Hope between 12/1/2008 and 12/1/2011

	Date	Flows (GPD)
Ten Highest Flows	10/1/2009	1000
	10/2/2009	1000
	10/3/2009	1000
	10/4/2009	1000
	10/5/2009	1000
	10/6/2009	1000
	10/20/2009	430
	10/21/2009	430
	10/22/2009	430
	10/23/2009	430
<b>Average Flow Rate</b>		168

