



Environmental  
Protection Agency

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

June 25, 2012

Ann Wobbecke, Owner  
Mohican Wilderness Campground  
22462 Wally Road  
Glenmont, OH 44628

**Re: Mohican Wilderness Campground  
NPDES Permit 4PX00048/ OH0136212  
Compliance Evaluation Inspection  
Knox County**

Dear Ms. Wobbecke:

On June 12, 2012, a Compliance Evaluation Inspection was conducted at the Mohican Wilderness Campground. Present for the inspection were Kevin Dean from Dean's Backflow Service, LLC, Phil Farnlacher and myself of the Ohio EPA, Central District Office.

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 inspection raised several concerns which must be addressed in the following areas:

**Sand Filter Solids Disposal at South Plant** - During the inspection of the south plant, it was observed that solids removed from the tertiary sand filters were spread out onto the ground surrounding the filters. **This practice must be discontinued immediately and the solids on the ground must be raked-up and disposed of in a dumpster.** The current practice poses both an environmental threat to the Mohican River and a human health hazard to the patrons at your campground.

**Outfall Signage** - In accordance with Part II. N. (page 8) of the effective NPDES permit, signs identifying the discharge locations of the outfalls 001 and 002 to the Mohican River were required to be installed no later than December 1, 2010. Please have the signs installed no later than 30 days following the receipt of this correspondence.

**Non-compliance Notification** - Please be advised that Part III-12 of your effective NPDES permit requires that you submit an email or a letter of explanation outlining the actions you have taken or are taking to correct certain instances of non-compliance. Please provide an explanation for the violations noted in the table and a description of the corrective actions taken or proposed to resolve future violations. Please also provide the required explanations for all future permit violations from this point forward.

Ann Wobbecke, Owner  
Mohican Wilderness Campground  
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**Daily Plant Observations** – The effective NPDES permit requires that readings for color, odor and turbidity be taken on a daily basis. Please make arrangements with the permanent camp personnel to begin taking these readings.

If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3848 or e-mail at [mike.sapp@epa.ohio.gov](mailto:mike.sapp@epa.ohio.gov).

Sincerely,

A handwritten signature in black ink that reads "Michael Sapp". The signature is written in a cursive style with a long horizontal line extending to the right.

Michael Sapp  
Compliance and Enforcement Unit  
Division of Surface Water  
Central District Office

c: Kevin Dean, Dean's Backflow Service w/ enclosures

ec: Mike Sapp

MS/nsm Mohican Wilderness 12

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PX00048	OH0136212	CEI	S	Semi-Public
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
6/12/2012	11:00 AM	12:00 PM	No	NO

SECTION B: FACILITY DATA

Name and Location of Facility Inspected	Permit Effective Date
Mohican Wilderness Campground 22462 Wally Road Glenmont, Ohio 44628	8/1/2010
	Permit Expiration Date
	7/31/2015
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Kevin Dean – Contract Operator Dean’s Backflow Service	(419) 994-1622
Name and Title of Responsible Official	Phone Number
Ann Wobbecke, Owner	(740) 599-6741

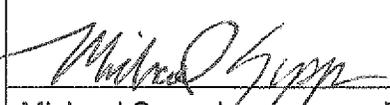
SECTION C: AREAS EVALUATED DURING INSPECTION

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

M	NPDES Compliance	No outfall signage. Non-compliance notification not submitted. No daily reading provided for color, odor and turbidity.
U	Operations & Maintenance	Improper disposal of sand filter solids at south plant.
S	Facility Site Review	
S	Collection System	
S	Flow Measurement	
M	Receiving Waters	Effluent violations in 2010 and 2011.
S	Laboratory	

Comments:

Signatures

	6/20/12		6/21/12
Michael Sapp, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office	Date

Method of flow monitoring:	Time elapsed meters on tertiary dosing pumps
Type of alarms for plant:	Audible and visual alarms on tertiary dosing pumps

**SECTION D: PRELIMINARY TREATMENT**

Type of Preliminary Treatment: Trash trap (south plant only)  
 Does the Trash Trap need pumped: No  
 Maintenance of pretreatment components is: Satisfactory

Comments/Status:

**SECTION E: AERATION**

Color of sludge: North plant – chocolate brown South plant – darker brown  
 Quality of Sludge: Good  
 Foam: No  
 Odor: No

	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	X	<input type="checkbox"/>	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: Satisfactory

Comments/Status:

**SECTION F: CLARIFIERS**

Clarity: Good  
 Condition of Weir: Good  
 Weir is level: Yes  
 Effluent in weir: Yes  
 Clarifier walls need scraped: No  
 Pin floc observed: No  
 Sludge blanket visible: No

Overall maintenance of settling components is: Satisfactory

Comments/Status:



**SECTION I: RECORD KEEPING / OPERATOR OF RECORD**

- (a) Wastewater Treatment Works classification (OAC 3745-7).....I
- (b) Operator of Record holds unexpired license of class required by Permit.....Y
- (c) Copy of certificate of Operator of Record displayed on-site.....N
- (d) Has the Operator of Record submitted an ORC Notification form...Y
- (e) Minimum operator staffing requirements fulfilled (OAC 3745-7)...Y
- (f) If a Staffing Reduction plan has been approved, are the stipulations of the plan being met.....NA
- (g) Operator of Record log book provided.....Y
- (h) Format of log book (e.g. computer log, hard bound book)  
Hard bound book
- (i) Log book kept onsite (in an area protected from weather).....Y
- (j) Log book contains the following:
  - I. Identification of treatment works.....Y
  - II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7.....Y
    - i. Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.).....N
    - ii. Laboratory results (unless documented on bench sheets)...N
    - iii. Identification of person making entries.....Y
- (k) 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.....N

Comments/Status:

**SECTION J: PLANT DISCHARGE**

Discharge point is a: pipe outfall to Mohican River

Name of discharge point: unknown

Discharge is visible: Yes

Quality of Effluent: Good

Comments/Status

**ADDITIONAL INFORMATION**  
**Mohican Wilderness Campground**  
**4PX00048 – OH0136212**

**General**

The Mohican Wilderness Campground is served by two wastewater treatment plants. The Arrowhead or north plant (Outfall 001) was built in 1994 and has a design treatment capacity of 9,000 gpd. Wet stream process provided at the north plant consist of extended aeration, clarification, tertiary dosing tank, tertiary sand filters, chlorination and dechlorination. The Walhonding or south plant was constructed in 1987 and has a design treatment capacity of 6250 gpd. Wet stream process provided at the south plant (Outfall 002) consist of a trash trap, extended aeration, clarification, tertiary dosing tank, tertiary sand filters and ultraviolet disinfection. Liquid sludge is hauled to another POTW for further processing. Both plants have a direct discharge to the Mohican River.

1. At the time of the inspection, the following general observations were made regarding the operation and maintenance of the plant:
  - Each plant serves a shower house, restroom facility and several dump stations. The dump stations are utilized more frequently at the south plan than the north plant.
  - The trash trap on the south plant is pumped-out before and after every holiday weekend. No evidence of a trash trap could be found on the north plant despite efforts to locate one.
  - Rod Shepler, a Class III contract operator with Dean's Backflow Service, oversees operations of the plant.
  - Solids under aeration appeared somewhat dark in color in the south plant.
  - The aeration blowers are operated in an on/off mode with a 4 hour on cycle followed by 2 hours off.
  - Coshocton Environmental Laboratories analyzes effluent samples in accordance with NPDES permit requirements. Plant operators perform field tests for dissolved oxygen, chlorine, pH and temperature.
  - Effluent flows at both plants are estimated using time elapsed meters on the doing pumps for the tertiary sand filters
2. In accordance with Part II. N. (page 8) of the effective NPDES permit, signs identifying the discharge locations of the outfalls 001 and 002 to the Mohican River were required to be installed no later than December 1, 2010. Please have the signs installed no later than 30 days following the receipt of this

correspondence and provide notification to this office following installation.

3. The NPDES permit requires that daily readings be taken for color, odor and turbidity. They are currently taken only on the two days a week the contract operator is at the site. **Please make arrangements with the permanent camp personnel to begin taking these readings. Please note that this deficiency was identified during the previous inspection.**
4. The attached table contains a summary of NPDES permit violations at the Mohican Wilderness Campground from June 2010 – May 2012. This facility was removed from the Significant Non-Compliance List in 2011 when the ammonia violations decreased in frequency and magnitude. Please be advised that Part III-12 of your effective NPDES permit requires that you submit an email or a letter of explanation outlining the actions you have taken or are taking to correct certain instances of non-compliance. Please provide an explanation for the violations noted in the table and a description of the corrective actions taken or proposed to resolve future violations. Please also provide the required explanations for all future permit violations from this point forward.
5. A log book is kept on site although it only provides the operator's initials, times of entry and departure and minimal details on operational and maintenance activities. Please ensure that the log book contains the following minimum components in accordance with OAC 3745-7-09:
  - Identification of the public water system, sewerage system, or treatment works.
  - Date and times of arrival and departure for the operator of record and any other operator required by this chapter.
  - Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced.
  - Results of tests performed and samples taken, unless documented on a laboratory sheet.
  - Performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced.
  - Identification of the persons making entries

**filters. This practice must be discontinued immediately and the solids on the ground must be raked-up and disposed of in a dumpster. The current practice poses both an environmental threat to the Mohican River and a human health hazard to the patrons at your campground.**

## Compliance Data for Mohican Wilderness Campground between 7/1/2010 to 6/1/2012

### Summary

Permit Effluent Limit Violations: 8  
 Permit Effluent Code Violations: 0  
 Permit Effluent Frequency Violations: 2  
 Compliance Schedule Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2010	002	Nitrogen, Ammonia (NH3)	30D Conc	1.0	10.6	8/1/2010
August 2010	002	Nitrogen, Ammonia (NH3)	7D Conc	1.5	10.6	8/8/2010
June 2011	002	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.64	6/1/2011
June 2011	002	Nitrogen, Ammonia (NH3)	7D Conc	1.5	1.64	6/1/2011
June 2011	002	E. coli	30D Conc	126	8100.	6/1/2011
June 2011	002	E. coli	7D Conc	284	8100.	6/1/2011
August 2011	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.59	8/1/2011
August 2011	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	1.59	8/1/2011

Frequency Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
August 2010	001	E. coli	1/Quarter	1	0	8/1/2010
August 2010	002	E. coli	1/Quarter	1	0	8/1/2010

Flow Data for Mohican Wilderness Campground between 7/1/2010 and 6/1/2012

	Date	Flows (GPD)
Ten Highest Flows	9/16/2011	2650
	9/17/2011	2650
	9/18/2011	2650
	9/19/2011	2650
	7/6/2010	2500
	7/7/2010	2500
	7/8/2010	2500
	7/26/2011	2500
	7/27/2011	2500
	7/28/2011	2500
<b>Average Flow Rate</b>		825