



State of Ohio Environmental Protection Agency

**Southwest District Office**

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Dayton, Ohio 45402

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www.epa.state.oh.us

Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

August 26, 2008

Arrowhead Campground  
1361 Thomas Road  
St. Paris, OH 45347  
Anmarie McClellan, Owner

**RE: Compliance Evaluation Investigation (CEI)  
NOTICE OF VIOLATION  
Arrowhead Campground Wastewater Treatment Plant  
NPDES Permit 1PV00122\*AD/OH0133647  
Darke County**

Dear Ms. McClellan,

On August 25, 2008, I conducted a Compliance Evaluation Investigation at the Arrowhead Campground wastewater treatment works. You were present at the time of inspection along with Pat McClellan and Gary Wagner, contact operator. This inspection was conducted to determine compliance with the NPDES discharge permit and to discuss renewal of the NPDES permit.

Overall, the wastewater facility was rated as "Satisfactory", however a number of items were noted that require a response. A detailed inspection report is attached.

Provide a response to this inspection by **September 19, 2008**. Your response should include dates, either actual or proposed, for completion of actions to address the identified items. If you have any questions, I can be reached at (937) 285-6109.

Sincerely,

Joe Miller  
Division of Surface Water  
Compliance and Enforcement

CC: Darke County Health Department



### ITEMS REQUIRING A RESPONSE

1. **Pool Filter Backwash** – Currently the pool filter backwash is discharged to a low lying area in the wood. The backwash needs to be tied into the sanitary sewer collection system. Provide notification when the connection has been completed so it can be inspected.
2. **Effluent Limitation Violations** – A review of the operating reports from the period of April 2006 to August 2008 indicates violations of the effluent limitations in your NPDES permit. Provide an explanation for the violations noted below and what measures are being taken to prevent future violations.

Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2006	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	3.	7/1/2006
July 2006	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	3.	7/8/2006
April 2008	80082	CBOD 5 day	30D Conc	10.0	11.	4/1/2008
May 2008	31616	Fecal Coliform	30D Conc	1000	1267.	5/1/2008
July 2008	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.4	7/1/2008
July 2008	31616	Fecal Coliform	30D Conc	1000	1100.	7/1/2008
July 2008	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	2.4	7/15/2008

3. **Effluent Frequency Violations** - As we discussed at the time of inspection, a number of frequency violations were identified because the effluent flow was not coded with an "AC" prior to the annual opening of the campground, and therefore before any wastewater was generated. Future periods of no discharge should be recorded in this manner.
4. **Non-compliance notification** – As we discussed, effluent violations need to be reported as per Part III, Item 12 of your NPDES permit. Submittal of email notification will meet the intent of this requirement as well.

### General comments

As we discussed, the NPDES renewal will include some changes to better reflect your operations. Flow monitoring will be changed to gallons per day instead of Million Gallons per Day. Sludge monitoring will be changed to gallons hauled on an annual basis.



Permit #: 1PV00122\*AD  
 NPDES #: OH0133647

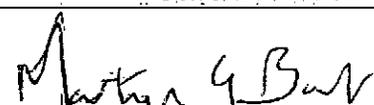


State of Ohio Environmental Protection Agency  
 Southwest District Office

NPDES Compliance Inspection Report  
 Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PT00122*AD	OH0133647	8/25/2008	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Arrowhead Campground WWTP 1361 Thomas Road St. Paris, OH 45347	9:30 AM	October 1, 2003
	Exit Time	Permit Expiration Date
	11:20 PM	September 30, 2008
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Annemarie McClellan, Owner	937-996-6203	
Pat McClellan, Owner	937-996-6203	
Gary Wagner, Contract Operator	937-456-1705	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Gary Wagner, Wastewater Operator	937-456-1705	
Name, Address and Title of Responsible Official	Phone Number	
Pat and Annemarie McClellan Arrowhead Campground 1361 Thomas Road St. Paris, OH 45347	937-996-6203	

Ohio EPA Inspector	Ohio EPA Reviewer
 8/28/08	 8/29/08
Joe Miller Date Division of Surface Water Southwest District Office	Martyn Burt Date Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office

Permit # : 1PV00122\*AD  
 NPDES #: OH0133647

Average Daily Design Flow:	5,000 Gallons/Day
Plant Serves:	Campground with 120 sites, 109 with sewer
Average Daily Flow: (Period of Review)	900 Gallons/Day April 2006 to August 2008
Method of flow monitoring:	Pump hour meter
Type of alarms for plant	Visual

**Pretreatment**

Type of Pretreatment: **Trash Trap**  
 Does the Trash Trap need pumped: **Unknown**  
 Maintenance of pretreatment components is: **Not Checked**

**Comments/Status:**

**Secondary Treatment  
(Aeration)**

Color of sludge: **Light Brown**  
 Quality of Sludge: **Medium**  
 Foam: **None present**  
 Odor: **No objectionable odor present**

	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 operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Skimmers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is...**Satisfactory**

**Secondary Treatment  
(Settling)**

Clarity: **Clear, some bulking**  
 Condition of Weir: **Satisfactory**  
 Weir is level: **Yes**  
 Effluent in weir: **Clear**  
 Clarifier walls need scraped: **Yes**

Overall maintenance of settling components is: **Satisfactory**

Permit # : 1PV00122\*AD  
 NPDES # : OH0133647

**Tertiary Treatment**

	Yes	No		Yes	No
Surface sand filters: <b>Slow</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Subsurface</b>	<input type="checkbox"/>	<input type="checkbox"/>
Distribution box operating	<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 checked="" type="checkbox"/>	<input type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Overall maintenance of components is: **Satisfactory**

**Sludge Handling/Storage/Disposal**

Hauler name: Todd Frech  
 Disposal Site: unknown  
 Sludge wasted from: sludge holding, clarifier

Sludge drying beds: **No**                      Sludge holding tank: **Yes**

Overall maintenance of components is: **Satisfactory**

Comments/Status: Sludge holding tank should be used to waste sludge as necessary. Process controls to determine when sludge should be wasted should be conducted (i.e. settleability, sludge judge, etc.)

**Plant Discharge**

Discharge point is a: **Effluent pipe**  
 Name of discharge point: **East Fork of the Whitewater River**  
 Discharge is visible: **No**                      Quality of Effluent: **Clear**

**Effluent Limit Violations Arrowhead Campground WWTP, April 2006 to August 2008**

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July 2006	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	3.	7/1/2006
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