



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

June 27, 2013

**Re:** Athens County  
 Cool Spot Convenience Store  
 Compliance Evaluation Inspection  
 NPDES Permit OPR00127\*DD

Mr. Bryan White  
 Cool Spot Convenience Store  
 P.O. Box 502  
 Coolville, Ohio 45723

Dear Mr. White:

On June 19, 2013, I conducted a compliance evaluation inspection of the Cool Spot Convenience Store sewage treatment plant. The purpose of the inspection was to notify the facility that they are in significant non-compliance for effluent violations and to evaluate the facility's status of compliance with NPDES permit number OPR00127\*CD. Wastewater samples were not taken. A copy of the inspection report form is attached.

- NPDES Permit Part I, A – Effluent Limitations:** A review of your self-monitoring reports covering the months of April 2012, when the last inspection occurred, through May 2013 indicates violations of the effluent limitations contained in your NPDES permit. The specific instances of noncompliance and/or deficiencies are as follows:

Reporting Period	Outfall	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2012	001	Total Suspended Solids	30D Conc	12	15.	6/1/2012
February 2013	001	Total Suspended Solids	1D Conc	18	75.	2/6/2013
February 2013	001	Total Suspended Solids	30D Conc	12	75.	2/1/2013
February 2013	001	Total Suspended Solids	1D Qty	0.24	.35711	2/6/2013
February 2013	001	Total Suspended Solids	30D Qty	0.16	.35711	2/1/2013
February 2013	001	Nitrogen, Ammonia (NH3)	1D Conc	4.5	7.19	2/6/2013
February 2013	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	7.19	2/1/2013
February 2013	001	CBOD 5 day	1D Conc	15	25.6	2/6/2013
February 2013	001	CBOD 5 day	30D Conc	10	25.6	2/1/2013
March 2013	001	Total Suspended Solids	1D Conc	18	20.	3/13/2013
March 2013	001	Total Suspended Solids	30D Conc	12	20.	3/1/2013
March 2013	001	Nitrogen, Ammonia (NH3)	1D Conc	4.5	18.4	3/13/2013
March 2013	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	18.4	3/1/2013
March 2013	001	Nitrogen, Ammonia (NH3)	1D Qty	0.060	.11512	3/13/2013
March 2013	001	Nitrogen, Ammonia (NH3)	30D Qty	0.040	.11512	3/1/2013
March 2013	001	CBOD 5 day	1D Conc	15	51.5	3/13/2013

Reporting Period	Outfall	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2013	001	CBOD 5 day	30D Conc	10	51.5	3/1/2013
March 2013	001	CBOD 5 day	1D Qty	0.20	.32222	3/13/2013
March 2013	001	CBOD 5 day	30D Qty	0.13	.32222	3/1/2013
April 2013	001	Total Suspended Solids	30D Conc	12	14.	4/1/2013
April 2013	001	Nitrogen, Ammonia (NH3)	1D Conc	4.5	9.91	4/3/2013
April 2013	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	9.91	4/1/2013
April 2013	001	Nitrogen, Ammonia (NH3)	30D Qty	0.040	.05848	4/1/2013

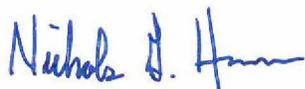
Based on previous electronic discharge monitoring reports (eDMR) data, this facility has never operated consistently in compliance with the effluent limitations. Ohio EPA's Compliance Assistance Unit has evaluated the plant and worked with you to bring the facility into compliance. However, the facility remains in significant non-compliance. Attached is a document explaining significant non-compliance.

The Village of Coolville has completed their plans to provide central sewers to which you can connect, as the long term solution to the problem of non-compliance. However, you must continue to staff the plant to provide daily maintenance to optimize the efficiency of the plant and keep solids out of the sand filters. Ohio EPA is requesting you to submit a compliance plan for achieving compliance with the effluent limitations. This plan shall be submitted to my attention within thirty (30) days of the date of this letter.

2. During the inspection, it was noted that the operator's log book does not include the times of arrival/departure at the facility and does not include the identification of the person making entries. Make sure all required information is included in your operator's log book.

Please respond, in writing, within 30 days from the date of this letter, to items 1 and 2 above. If you have any questions, please contact me at (740) 380-5416 or [nick.hammer@epa.ohio.gov](mailto:nick.hammer@epa.ohio.gov).

Sincerely,



Nicholas G. Hammer  
Environmental Specialist  
Division of Surface Water

NH/dh

Enclosures



State of Ohio Environmental Protection Agency  
Southeast District Office

Semi-Public NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES #	Month/Day/Year	Inspection Type	Inspector	Facility Type
0PR00127*DD	OH0124621	June 19, 2013	C	S	1

Section B: Facility Data			
Name and Location of Facility Inspected		Entry Time	Permit Effective Date
Cool Spot Convenience Store P.O. Box 502 Coolville, Ohio 45723		10:00 a.m.	November 1, 2012
		Exit Time	Permit Expiration Date
		11:15 a.m.	October 31, 2017
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)	
Bryan White, Owner/Operator		(740) 667-6100	
Name(s), Address and Title(s) of Operator of Record		Phone Number(s)	
Bryan White		(740) 667-6100	
Name, Address, and Title of Responsible Official		Phone Number	
Same as above		(740) 667-6100	

Section D: Summary of Findings (attach additional sheets if necessary)			
See attached letter.			
Inspector		Reviewer	
	6-27-13		6/28/13
Nicholas G. Hammer Division of Surface Water Southeast District Office	Date	Jennifer M. Witte Compliance & Enforcement Supervisor Division of Surface Water Southeast District Office	Date

Average Daily Design Flow:	<b>3,500 Gallons/Day</b>
Plant Serves:	<b>Convenience Store and Gas Station</b>
Average Daily Flow:	<b>1,513 Gallons/Day</b>
(Period of Review):	<b>(April 2012-May 2013)</b>
Method of flow monitoring:	Pump run time based on dosing pump to sand filters
Type of alarms for plant:	Audio & Visual on Pump Station, Audio alarm on EQ tank

### Pretreatment

Type of Pretreatment: **Trash Trap**  
 Does the Trash Trap need pumped: **No**  
 Maintenance of pretreatment components is: **Good**

**Comments/Status:**

Trash Trap is pumped every 2-3 months.

### Secondary Treatment (Aeration)

Color of sludge: **Light Brown**  
 Quality of sludge: **Medium**  
 Foam: **None Present**  
 Odor: **Slight**

	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: **Good**

**Comments/Status:**

Blowers are on a timer (45 minutes on and 15 minutes off)

### Secondary Treatment (Settling)

Clarity: **Clear**  
 Condition of Weir: **Clean**  
 Weir is level: **Yes**  
 Effluent in weir: **Clear**  
 Clarifier walls need scraped: **No**

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

Comments/Status:

### Tertiary Treatment

	Yes	No		Yes	No
Surface sand filters: <b>Slow</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<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 checked="" type="checkbox"/>	<input 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 settling components is: **Fair**

Comments/Status:

Dosing pump just dosed one of the sand filters and slight ponding was occurring during the pump cycle. The sand filter currently no in use has been recently raked and was dry.

### Sludge Handling/Storage Disposal

Hauler name: Sickles Sanitation  
 Disposal site: Another facility  
 Sludge wasted from: Trash Trap, Pump Station, and Clarifier.  
 How often is sludge wasted: When needed  
 Sludge drying beds: **No**      Sludge holding tank: **No**

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

Comments/Status:

### Record Keeping/Operator of Record

- (a) Wastewater Treatment Works classification (OAC 3745-7) ..... A
- (b) Operator of Record holds unexpired license of class required by Permit ..... Y
- (c) Copy of certificate of Operator of Record displayed on-site ..... Y
- (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 ..... N/A
- (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 ..... N
  - III. Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.) ..... Y
  - IV. Laboratory results (unless documented on bench sheets) ..... Y
  - V. Identification of person making entries ..... N
- (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 ..... Y

Comments/Status:

### Plant Discharge

Discharge point is a: **Catch Basin**  
Name of discharge point: **Unnamed Trib. of the Hocking River**  
Discharge is visible: **Yes**  
Quality of Effluent: **Clear**

Comments/Status:

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### Effluent Limit Violations

**Period of Review: April 2012-May 2013**

7D = Weekly; 30D = Monthly; 1D = Daily; Conc. = Concentration (mg/l); Qty. = Quantity (Kg/Day)

Month Reported	Parameter	Frequency/Units	Limit	Value
See attachment				

Get New Data								
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